Kofax FraudOne
Java Client Customization Guide

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KOFAX

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Preface

This document addresses Professional Services (PS) team members who want to customize the Java Client component for specific customers. It is assumed that the corresponding reader has in-depth knowledge about FraudOne and its Java Client component. When the programming interface is used also Java skills are required.

The Java Client can be customized using two interfaces:
- the configuration interface via Java resource files
- the programming interface via Java classes

Both interfaces are described in this document.

Related documentation

The full documentation set for Kofax FraudOne is available at the following location:

https://docshield.kofax.com/Portal/Products/FO/4.6.0-e4jy6kf7pr/FO.htm

In addition to this guide, the documentation set includes the following items:

Release notes
- *Kofax FraudOne Release Notes*

Technical specifications
- *Kofax FraudOne Technical Specifications*

Guides
- *Kofax FraudOne Administrator's Guide*
- *Kofax FraudOne Archive Interface Server*
- *Kofax FraudOne ASV Blackbox*
- *Kofax FraudOne Common API Specifications for GIA Engines*
- *Kofax FraudOne Data Warehouse Installation and Operation Guide*
- *Kofax FraudOne Extended Reporting Features and Statistics*
- *Kofax FraudOne Feature Codes*
- *Kofax FraudOne Global Fraud Signature Web Service Developer's Guide*
- *Kofax FraudOne Installation and Migration Guide*
- *Kofax FraudOne Java Client Customization Layer*
- *Kofax FraudOne Report Component Installation Guide*
- *Kofax FraudOne Service Program Configuration*

- *Kofax FraudOne Service Program Interfaces*
- *Kofax FraudOne SignCheck Result Codes*
- *Kofax FraudOne Standard Reporting Features and Statistics*
- *Kofax FraudOne The Book on CRS*
- *Kofax FraudOne Thin Client Customization Guide*
- *Kofax FraudOne Variant Cleanup Utility*

Help
- *Kofax FraudOne Administration Client Help*
- *Kofax FraudOne Error Messages Help*
- *Kofax FraudOne Java Client Help*
- *Kofax FraudOne Server Monitor Help*
- *Kofax FraudOne Thin Client Help*

Training

Kofax offers both classroom and online training to help you make the most of your product. To learn more about training courses and schedules, visit the Kofax Education Portal on the Kofax website.

Getting help with Kofax products

The Kofax Knowledge Base repository contains articles that are updated on a regular basis to keep you informed about Kofax products. We encourage you to use the Knowledge Base to obtain answers to your product questions.

To access the Kofax Knowledge Base:

1. Go to the Kofax website home page and select **Support**.

2. When the Support page appears, select **Customer Support** > **Knowledge Base**.

> ⓘ The Kofax Knowledge Base is optimized for use with Google Chrome, Mozilla Firefox or Microsoft Edge.

The Kofax Knowledge Base provides:
- Powerful search capabilities to help you quickly locate the information you need.

  Type your search terms or phrase into the **Search** box, and then click the search icon.
- Product information, configuration details and documentation, including release news.

  Scroll through the Kofax Knowledge Base home page to locate a product family. Then click a product family name to view a list of related articles. Please note that some product families require a valid Kofax Portal login to view related articles.

From the Knowledge Base home page, you can:

- Access the Kofax Community (for all customers).

  Click the **Community** link at the top of the page.

- Access the Kofax Customer Portal (for eligible customers).

  Click the **Support** link at the top of the page. When the Customer & Partner Portals Overview appears, click **Log in to the Customer Portal**.

- Access the Kofax Partner Portal (for eligible partners).

  Click the **Support** link at the top of the page. When the Customer & Partner Portals Overview appears, click **Log in to the Partner Portal**.

- Access Kofax support commitments, lifecycle policies, electronic fulfillment details, and self-service tools.

  Go to the **General Support** section, click **Support Details**, and then select the appropriate tab.

Chapter 1

General

A Java Client customization project for a specific customer consists normally of these files:

- **custom.properties**
  Contains main configuration.
- **custom.zip**
  Contains all customized resources (Java classes, properties, images, etc).
- **custom.ver**
  Contains the version tag.
- **jclient_custom.rel**
  Contains all fixes and change requests done in the customization.
- **mkruntime.cmd**
  Builds the custom.zip and contains project specific information.

In some customizations exists a dependency to additional 3rd party libraries. In these cases a customized Java Client startup script ClientJava.cmd is needed which includes the corresponding libraries in the classpath.

The custom.properties file and the custom.zip archive have to be available in the classpath when starting the Java Client.

In this document only the resources/files from custom.zip are described. For detailed information about custom.properties see the *Kofax FraudOne Administrator's Guide*, chapter "The custom.properties configuration file".

In order to find the customized resources in the custom.zip during runtime, the path to the resources has to be configured in custom.properties via setting Globals.Resources.Path.

Example of the resources path

custom.zip	\de\demo\resources\	SignBase.properties settings.properties …

custom.properties	Globals.Resources.Path=de/demo/resources

Chapter 2

Configuration interface

Using the configuration interface for customization means overwriting core properties files (*.properties) by corresponding custom properties files having the same file name. When overwriting a core properties file only the settings that are different from core have to be specified in the custom properties file.

The settings inside a properties file consist of key-value pairs.

For example when reducing the default user id size from 16 to 12 characters the core sizes.properties file is overwritten by providing a custom sizes.properties file which contains only the setting:

```
userid.size = 12
```

Normally the overwritten properties files are placed inside the custom.zip, but they could also be placed in the root directory from which the Java Client is started. Properties files in the root directory have the highest priority when a setting is read by the Java Client.

The list of available properties files and their settings (see chapter SignBase.properties and following) contains only a subset of properties which could be useful for customization.

To see all available settings of a properties file you have to open the corresponding core properties file in a text editor.

All core properties files can be found inside the main jar file of the Java Client:

```
spclient.jar\de\softpro\signplus\client\resources
```

Extended properties mechanism

The standard key-value properties mechanism is extended by some special features.

Forwarding

A value for a key can be forwarded to another properties file by using notation

```
<original_key> = *<name_of_properties_file>*<new_key>
```

For example the setting

```
userid.size = *layout*userid.size
```

means that the value for key userid.size is read from layout.properties.

Chaining

There are some special keys that allow to take over keys from another properties file or a whole properties file in the current properties file.

- **$#USEresource=new_resource**

  Use resource file "new_resource" instead of resource file "resource". This applies for all subsequent definitions of resource file "resource".

- **$#INCLUDEppp_resource**

  Includes all keys from the properties file "resource".

  "ppp" is the priority of this statement. "ppp" can be omitted, in this case the priority is assumed to be 0.

  Resource is taken as the name of a properties file and its keys are added to this resource bundle if these keys do not exist. But if two include files contain the same key with the same priority, a RuntimeException is thrown. If they have different priorities, the key with the lower priority is ignored.

- **$#INSERTppp_resource:prefix**

  Insert parts of another properties file.

  "resource" is the properties file where all keys starting with 'prefix.' are added to the keys of this properties file regardless if they already exist or not. "ppp" is the priority of this statement.

- **$#UNDEF_key**

  Removes the key.

- **$#KEYppp_resource:regex**

  Includes all keys from the properties file resource matching the regular expression "regex".

  "ppp" is the priority of this statement. "ppp" can be omitted, in this case the priority is assumed to be 0. Resource is taken as the name of a properties file.

Precedence of the key definitions:

1. The $#USE statement
2. Keys from a $#KEY statement
3. Keys from a $#INSERT statement
4. Keys in the properties file
5. Keys from a $#INCLUDE statement with high priority
6. Keys from a $#INCLUDE statement with low priority

Formulas

Keys, that are marked with (f) in the list of properties files in chapter SCClient.properties and SCClientMenu.properties, can be defined with a formula

```
${<key><delm><function><delm><function...}
```

where key is a key from the hashtable, delm is one of the characters "|", "?" or ":" and function one of the defined functions, analogous to the formulas in the table properties files.

Example

```
deleteDataFile =${BNO|TEST$*<=305?FMT0:FMT1
```

Boolean values

Boolean values can be expressed by using the numeric values 0 and 1, whereas 0 means false and 1 means true.

List values

List values are expressed by providing string values which are separated by empty space.

Generic properties

Generic properties are properties that can be set for each value of a list. Generic properties are used for example in menu.properties, lists.properties and also for the extension specification.

Example of generic properties:

```
ExtensionSpecification.Extensions = LanguageIndicator AccountOpeningDate
ExtensionSpecification.LanguageIndicator.ID = 1
ExtensionSpecification.LanguageIndicator.Type = 1
ExtensionSpecification.LanguageIndicator.Relation = A
ExtensionSpecification.LanguageIndicator.Default = 0

ExtensionSpecification.AccountOpeningDate.ID = 2
ExtensionSpecification.AccountOpeningDate.Type = 6
ExtensionSpecification.AccountOpeningDate.Relation = A
ExtensionSpecification.AccountOpeningDate.Default =
```

Icon/image values

Icon or image values are expressed by providing the path to the corresponding resource. In order to be able to load the icon/image the path has to be a part of the Java classpath.

Color properties

Setting of color can be done by setting it directly with one of the given color names below or by setting the RGB values of a color.

If the color is set by name, RGB values will be ignored.

Possible values for Color: black, blue, cyan, gray, darkGray, lightGray, magenta, orange, pink, white, yellow.

Example

```
SignPlusLookAndFeel.FocusColor = yellow <- set by name

SignPlusLookAndFeel.FocusColor.red = 100 <- set by RGB values
SignPlusLookAndFeel.FocusColor.blue = 80
SignPlusLookAndFeel.FocusColor.green = 150
```

Field properties

Here is a description of the properties which are available for fields in dialogs and panels.

- **Label**
  The label of the field.
- **Size**
  The maximum size of the field.
- **MinSize**
  The minimum size of the field.
- **Visible**
  The visibility of the field.

  1 - visible

  0 - not visible
- **Enabled**
  The editable attribute of the field.

  1 - editable

  0 - read only
- **Mandatory**
  Specifies if a field value is mandatory.

  1 - field value is mandatory

  0 - field value is not mandatory
- **Mask**
  Specifies the mask pattern of a field.
- **AutomaticFocusTraversal**
  Specifies the focus handling when the field is edited and the size of field value equals the Size property.

  1 - set focus to next component automatically

  0 - do not set focus automatically
- **ConvertToUppercase**
  Specifies if the field value is converted to uppercase.

  1 - converted

  0 - not converted

SignBase.properties

The main configuration file which contains configuration for Look and Feel, toolbar, dialogs, panels, extensions, etc. From here most of the settings are forwarded to the more specific properties files.

Example

```
SignPlusLookAndFeel.LabelColor = *layout*LabelColor
```

If a forwarded setting contains no description in SignBase.properties, the description is normally provided in the specific properties file.

FraudOne look and feel

The following keys are used to configure the FraudOne look and feel.

- **SignPlusLookAndFeel.FocusColor**

    FocusColor is the color used for rendering a component that has the focus in the FraudOne LookAndFeel

    Default: *layout*FocusColor

- **SignPlusLookAndFeel.FocusColor.red**

    Default: *layout*FocusColor.red

- **SignPlusLookAndFeel.FocusColor.blue**

    Default: *layout*FocusColor.blue

- **SignPlusLookAndFeel.FocusColor.green**

    Default: *layout*FocusColor.green

- **SignPlusLookAndFeel.LabelColor**

    LabelColor is the color of the labels. If no color is set the default color of the default Look and Feel is used.

    Default: *layout*LabelColor

- **SignPlusLookAndFeel.LabelColor.red**
- **SignPlusLookAndFeel.LabelColor.blue**
- **SignPlusLookAndFeel.LabelColor.green**
- **LinesBorder.BorderColor**

    BorderColor is the color of the border in the signatory list.

    Default: *layout*SignatoryList.SelectionColor

- **SignPlusLookAndFeel.UseSignPlusScrollBar**

    Size and color of the scroll bar

    Default: *layout*displaySignPlusScrollBar

- **SignPlusLookAndFeel.ScrollBarSize**

    Size of the scroll bar.

    Default: *layout*ScrollBarSize

- **SignPlusLookAndFeel.ScrollBarColor**

    Color of the scroll bar.

    Default: *layout*ScrollBarColor

- **GUI.TableSelection.thickness**

    Thickness of the border in the signatory list

    Default: *layout*SignatoryList.SelectionThickness

SBAM_MainWindow

This part is used by class SBAM_MainWindow which is the main window of the Java Client and contains general configuration.

- **SBAM_MainWindow.title.label**
  The title prefix of the FraudOne main window.
  Default: *language*Application.Title
- **SBAM_MainWindow.BankName**
  The title suffix of the FraudOne main window
  Default: *settings*Bank
- **SBAM_MainWindow.SignInfo.Enabled**
  Enable/disable SignInfo.
  Default: *custom*SignInfo
- **SBAM_MainWindow.SignInfo.Force.SignInfoPanel**
  Enable/disable the pre R40 SignInfo panel.
  Default: *custom*SignInfo.Force.SignInfoPanel
- **SBAM_MainWindow.UseAccountImages**
  1 - the application works with document images
  0 - the application works without document images
  Default: *SignBase*SBAM_MainWindow.SignInfo.Enabled
- **SBAM_MainWindow.ShowImmediately**
  Determines if the start panel (a clean panel) shows up when FraudOne program starts (before user login).
  false - show up start panel
  true - do not show up start
  Default: *SignBase*SBAM_MainWindow.SignInfo.Enabled
- **SBAM_MainWindow.ShowImmediately.IfDefinedByCustomer**
  Y - value from "SBAM_MainWindow.ShowImmediately" will be overwritten by the values in "SBAM_MainWindow.ShowImmediately.valShowImmediately"
  N - value in "SBAM_MainWindow.ShowImmediately.valShowImmediately" is ignored
  Default: Y
- **SBAM_MainWindow.ShowImmediately.valShowImmediately**
  The customer defined value for "SBAM_MainWindow.ShowImmediately".
  1 - SBAM_MainWindow.ShowImmediately=true
  0 - SBAM_MainWindow.ShowImmediately=false
- **SBAM_MainWindow.Display.Fraudone**
  Use FraudOne or SignPlus logo and labels.
  Default: *layout*Display.Fraudone
- **SBAM_MainWindow.SignPlus.Label**
  The SignPlus label.
  Default: *language*SignPlus.Label

- **SBAM_MainWindow.Fraudone.Label**
  The FraudOne label.
  Default: *language*Fraudone.Label
- **SBAM_MainWindow.SignPlusPane.Split.Orientation**
  Orientation of SignBase and SignCheck panes:
  ```
  VERTICAL_SPLIT = 0
  HORIZONTAL_SPLIT = 1
  ```
  Default: 0
- **SBAM_MainWindow.SignPlusPane.Split.SignCheckFirst**
  SignCheck or SignBase first. First means at top if HORIZONTAL_SPLIT, or on left if VERTICAL_SPLIT.
  1 - means SignCheck pane comes first
  0 - means SignBase pane comes first
  Default: 1
- **SBAM_MainWindow.SignPlusPane.Split.dividerNotifySignBasePanel**
  1 - means notify SignBase panel whenever clicking/dragging the divider of the split panel
  Make sure the SignBase pane implements necessary listener interfaces in customization.
  Default: 0
- **SBAM_MainWindow.ImportMode**
  1 - the application works only in Import model, excluding all other menu features
  Default: *settings*SignInfo.ImportMode
- **SBAM_MainWindow.AutoLogoffTime**
  The time after that the application goes into pause mode if no action is done by the user.
  Default: *settings*AutoLogoffTime
- **SBAM_MainWindow.ConfirmClose**
  1 - confirmation dialog is displayed when closing the application
  Default: *layout*ConfirmClose
- **SBAM_MainWindow.Message.ConfirmClose**
  The confirmation message.
  Default: *language*Message.ConfirmClose
- **SBAM_MainWindow.LookAndFeel**
  The Look and Feel of the application.
  Possible values for LookAndFeel: SignPlusKunststoff, SignPlusMetal, Kunststoff, Metal, Windows, Motif.

  > ℹ Changing the LookAndFeel can lead to unexpected side effects.

  Default: *layout*LookAndFeel
- **SBAM_MainWindow.TellerInterface.Enabled**
  Enable/disable the TellerInterface.
  Default: *custom*TellerInterface.Enabled
- **SBAM_MainWindow.Teller.ReturnKey**
  The return key used to switch back to the calling application.

Default: *settings*Teller.ReturnKey
- **SBAM_MainWindow.ProjectActions**
  The package name of customized actions defined for a project.
- **SBAM_MainWindow.StatusBar.Visible**
  Enabled/disabled the status bar
  Default: *layout*StatusBar
- **SBAM_MainWindow.StatusBar.BankNo.Visible**
  1 - bno is displayed in status bar
  Default: *layout*BNO.Visible
- **SBAM_MainWindow.StatusBar.CountryId.Visible**
  1 - country id is displayed in status bar
  Default: *layout*CountryId.Visible
- **SBAM_MainWindow.StatusBar.UserId.Visible**
  1 - user id is displayed in status bar
  Default: 1
- **SBAM_MainWindow.StatusBar.BranchCode.Visible**
  1 - branch code is displayed in status bar
  Default: 0
- **SBAM_MainWindow.StatusBar.ProgressBar.Visible**
  1 - progress bar is displayed in status bar
  Default: 1
- **SBAM_MainWindow.StatusBar.ProgressBar.Text**
  The default text displayed in progress bar.
  Default: *language*ServerBusy
- **SBAM_MainWindow.Message.ConfirmDeleteWorkspace.Customer**
  Message when the workspace is cleared but data have changed, in customer model.
  Default: *language*Message.ConfirmDeleteWorkspace.Customer
- **SBAM_MainWindow.Message.ConfirmDeleteWorkspace.Account**
  Message when the workspace is cleared but data have changed, in account model.
  Default: *language*Message.ConfirmDeleteWorkspace.Account
- **SBAM_MainWindow.SaveXmlDataImmediately**
  Save customer immediately from XML or load customer in the workspace for visual check.
  Default: *settings*SaveXmlDataImmediately
- **SBAM_MainWindow.XmlConsistencyCheckRemoveInconsistencies**
  1 - inconsistencies are removed automatically in imported XML
  Default: *settings*XmlConsistencyCheckRemoveInconsistencies
- **SBAM_MainWindow.ShowSaveConfirmation**
  1 - display a confirmation dialog when saving data
  Default: *settings*ShowSaveConfirmation
- **SBAM_MainWindow.SaveEnrollDataImmediately**
  Save signatory immediately from teller interface or in the workspace for visual check.

Default: *settings*SaveEnrollDataImmediately
- **SBAM_MainWindow.EnableDummySignatoryForVariants**
  Enable Variants to be bound to DummySignatory.
  Default: *settings*EnableDummySignatoryForVariants
- **SBAM_MainWindow.Message.Saved**
  Message after saving the workspace.
  Default: *language*Message.WorkspaceSaved
- **SBAM_MainWindow.Message.Verify**
  Message after saving a customer/account that has to be verified.
  This message is appended after the saved message but only if the ShowVerifyMessage property is set to 1.
  Default: *language*Message.Verify
- **SBAM_MainWindow.Message.Verify.Account**
  Message after saving a customer/account that has to be verified.
  This message is appended after the saved message but only if the ShowVerifyMessage property is set to 1.
  Default: *language*Message.Verify.Account
- **SBAM_MainWindow.ShowVerifyMessage**
  Message after saving a customer/account that has to be verified.
  This message is appended after the saved message but only if the ShowVerifyMessage property is set to 1.
  Default: 1
- **SBAM_MainWindow.CheckForLowResolution**
  1 - message is displayed if the current customer has low resolution images
  Default: *settings*CheckForLowResolution
- **SBAM_MainWindow.Message.LowResolutionImages**
  The message text
  Default: *language*Message.LowResolutionImages

Toolbar

This part describes the toolbar configuration. The default toolbar configuration below this list contains the default settings of the keys.
- **SBAM_MainWindow.ToolBar.Floatable**
  1 - makes the toolbar floatable
  Default: 0
- **SBAM_MainWindow.ToolBar.CustomerMode**
  Default toolbar in customer model
- **SBAM_MainWindow.ToolBar.AccountMode**
  Default toolbar in account model
- **SBAM_MainWindow.ToolBar.CustomerMode.SignInfo**
  SignInfo toolbar in customer model

- **SBAM_MainWindow.ToolBar.AccountMode.SignInfo**
  SignInfo toolbar in account model
- **SBAM_MainWindow.ToolBar.CustomerMode.Checkstock**
  Checkstock toolbar in customer model
- **SBAM_MainWindow.ToolBar.AccountMode.Checkstock**
  Checkstock toolbar in account model
- **SBAM_MainWindow.ToolBar.CustomerMode.SignInfo.Checkstock**
  Combined SignInfo and Checkstock toolbar in customer model
- **SBAM_MainWindow.ToolBar.AccountMode.SignInfo.Checkstock**
  Combined SignInfo and Checkstock toolbar in account model
- **SBAM_MainWindow.SCToolBar.CustomerMode**
  [SignCheck]
  Default toolbar in customer model
- **SBAM_MainWindow.SCToolBar.AccountMode**
  [SignCheck]
  Default toolbar in account model
- **SBAM_MainWindow.SCToolBar.CustomerMode.SignInfo**
  [SignCheck]
  SignInfo toolbar in customer model
- **SBAM_MainWindow.SCToolBar.AccountMode.SignInfo**
  [SignCheck]
  SignInfo toolbar in account model
- **SBAM_MainWindow.SCToolBar.CustomerMode.Checkstock**
  [SignCheck]
  Checkstock toolbar in customer model
- **SBAM_MainWindow.SCToolBar.AccountMode.Checkstock**
  [SignCheck]
  Checkstock toolbar in account model
- **SBAM_MainWindow.SCToolBar.CustomerMode.SignInfo.Checkstock**
  [SignCheck]
  Combined SignInfo and Checkstock toolbar in customer model
- **SBAM_MainWindow.SCToolBar.AccountMode.SignInfo.Checkstock**
  [SignCheck]
  Combined SignInfo and Checkstock toolbar in account model

Toolbar description

The toolbar entries are configured as a list of actions separated by empty space. The character '–' in the list acts as a separator which separates the toolbar entries by adding additional space between the entries. See chapter Toolbar and menu actions for a list of available toolbar actions.

Default toolbar configuration

```
SBAM_MainWindow.ToolBar.CustomerMode = SBAC_SaveWorkspace SBAC_ResetWorkspace
- SBAC_SearchCustomer SBAC_SearchAccount SBAC_SearchUnboundVariants
```

```
- SBAC_NewSignatory SBAC_EditSignatory SBAC_EditGroups SBAC_EditRules
 SBAC_AssignVariants
- SBAC_ScanSignature SBAC_EditSignature
- SBAC_DisplaySignatory SBAC_DisplayRules SBAC_DisplayGroups SBAC_SelectAccount
- SBAC_DisplayCustomersNotVerified SBAC_VerifyCustomer
- GetNextAction SearchAction OpenItemsAction statusAction
- SBAC_Help
SBAM_MainWindow.ToolBar.AccountMode = SBAC_SaveWorkspace SBAC_ResetWorkspace
- SBAC_SearchAccount SBAC_SearchUnboundVariants
- SBAC_NewSignatory SBAC_EditSignatory SBAC_EditGroups SBAC_EditRules
 SBAC_AssignVariants
- SBAC_ScanSignature SBAC_EditSignature
- SBAC_DisplaySignatory SBAC_DisplayRules SBAC_DisplayGroups
- SBAC_DisplayCustomersNotVerified SBAC_VerifyCustomer
- GetNextAction SearchAction OpenItemsAction statusAction
- SBAC_Help
SBAM_MainWindow.ToolBar.CustomerMode.SignInfo = SBAC_SaveSignInfoWorkspace
 SBAC_ResetWorkspace
- SBAC_SearchCustomer SBAC_SearchAccount SBAC_SearchUnboundVariants
SBAC_DisplayCustomersNotProcessedImages
- SBAC_NewSignatory SBAC_EditSignatory SBAC_DeleteSignatory
SBAC_DeleteImage SBAC_EditGroups SBAC_EditRules SBAC_EditImage SBAC_AssignVariants
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- StoreAction StoreAssignAction
- RotateAction SignatureAction FrontAction BackAction BothAction
- DataAction ChangeOrderAction
- SearchAction SearchUserAction OpenItemsAction
- statusAction statusAllAction statistikUserDecisionsAction
- SBAC_Help
SBAM_MainWindow.SCToolBar.AccountMode = SBAC_ResetWorkspace SBAC_SearchAccount
- SBAC_DisplaySignatory SBAC_DisplayRules SBAC_DisplayGroups
- GetNextAction AcceptAction RejectAction PutHoldAction
- StoreAction StoreAssignAction
- RotateAction SignatureAction FrontAction BackAction BothAction
- DataAction ChangeOrderAction
- SearchAction SearchUserAction OpenItemsAction
- statusAction statusAllAction statistikUserDecisionsAction
- SBAC_Help
SBAM_MainWindow.SCToolBar.CustomerMode.SignInfo = SBAC_ResetWorkspace
SBAC_SearchCustomer SBAC_SearchAccount
- SBAC_DisplaySignatory SBAC_DisplayRules SBAC_DisplayGroups SBAC_SelectAccount
- GetNextAction AcceptAction RejectAction PutHoldAction
- StoreAction StoreAssignAction
- RotateAction SignatureAction FrontAction BackAction BothAction
- DataAction ChangeOrderAction
- SearchAction SearchUserAction OpenItemsAction
- statusAction statusAllAction statistikUserDecisionsAction
- SBAC_Help
SBAM_MainWindow.SCToolBar.AccountMode.SignInfo = SBAC_ResetWorkspace
 SBAC_SearchAccount
- SBAC_DisplaySignatory SBAC_DisplayRules SBAC_DisplayGroups
- GetNextAction AcceptAction RejectAction PutHoldAction
- StoreAction StoreAssignAction
```

```
- RotateAction SignatureAction FrontAction BackAction BothAction
- DataAction ChangeOrderAction
- SearchAction SearchUserAction OpenItemsAction
- statusAction statusAllAction statistikUserDecisionsAction
- SBAC_Help
SBAM_MainWindow.SCToolBar.CustomerMode.Checkstock = SBAC_ResetWorkspace
SBAC_SearchCustomer SBAC_SearchAccount
- SBAC_DisplaySignatory SBAC_DisplayRules SBAC_DisplayGroups SBAC_SelectAccount
- GetNextAction AcceptAction RejectAction PutHoldAction
- StoreAction StoreAssignAction
- RotateAction SignatureAction FrontAction BackAction BothAction
- DataAction ChangeOrderAction
- SearchAction SearchUserAction OpenItemsAction
- statusAction statusAllAction statistikUserDecisionsAction
- SBAC_Help
SBAM_MainWindow.SCToolBar.AccountMode.Checkstock = SBAC_ResetWorkspace
 SBAC_SearchAccount
- SBAC_DisplaySignatory SBAC_DisplayRules SBAC_DisplayGroups
- GetNextAction AcceptAction RejectAction PutHoldAction
- StoreAction StoreAssignAction
- RotateAction SignatureAction FrontAction BackAction BothAction
- DataAction ChangeOrderAction
- SearchAction SearchUserAction OpenItemsAction
- statusAction statusAllAction statistikUserDecisionsAction
- SBAC_Help
SBAM_MainWindow.SCToolBar.CustomerMode.SignInfo.Checkstock = SBAC_ResetWorkspace
SBAC_SearchCustomer SBAC_SearchAccount
- SBAC_DisplaySignatory SBAC_DisplayRules SBAC_DisplayGroups SBAC_SelectAccount
- GetNextAction AcceptAction RejectAction PutHoldAction
- StoreAction StoreAssignAction
- RotateAction SignatureAction FrontAction BackAction BothAction
- DataAction ChangeOrderAction
- SearchAction SearchUserAction OpenItemsAction
- statusAction statusAllAction statistikUserDecisionsAction
- SBAC_Help
SBAM_MainWindow.SCToolBar.AccountMode.SignInfo.Checkstock = SBAC_ResetWorkspace
 SBAC_SearchAccount
- SBAC_DisplaySignatory SBAC_DisplayRules SBAC_DisplayGroups
- GetNextAction AcceptAction RejectAction PutHoldAction
- StoreAction StoreAssignAction
- RotateAction SignatureAction FrontAction BackAction BothAction
- DataAction ChangeOrderAction
- SearchAction SearchUserAction OpenItemsAction
- statusAction statusAllAction statistikUserDecisionsAction
- SBAC_Help
```

SBAM_SignBasePane

This part describes the configuration of SBAM_SignBasePane which is the main panel of SBAM_MainWindow.

- **SBAM_SignBasePane.ClassName**
  Hook for customer specific implementation
- **SBAM_SignBasePane.SignatoryList.Visible**
  1 - signatory list is visible
  Default: *layout*SignatoryList.Visible
- **SBAM_SignBasePane.ImageViewer.Visible**
  1 - image viewer is visible
  Default: *layout*ImageViewer.Visible

- **SBAM_SignBasePane.DefaultView**

  Sets the initially displayed panels in the client panels are combined by adding the respective values below

  1 - Display Signatory List

  2 - Display SignInfo Image Detail Information

  4 - Display the Image Viewer

  8 - Display the Image Tree Overview

  16 - Display the Documents Tree Overview

  Default: *layout*SignBase.DefaultView

- **SBAM_SignBasePane.Overview.Visible**

  1 - overview panel is visible

  Default: *custom*ShowOverview

- **SBAM_SignBasePane.Overview.Checkstock.Visible**

  1 - stock images are visible in the overview panel

  Default: 0

- **SBAM_SignBasePane.Overview.Images.Visible**

  1 - account attachments are visible in the overview panel

  Default: 0

- **SBAM_SignBasePane.DetailPanel.IfContainSignatoryPane**

  Define if there is also a signatory panel contained in details panel.

  Usually, the signatory panel is only available in core panel, however some projects require signatory panel presented in both panel at different occasions.

  With current FraudOne implementation, it is difficult to get signatory panel to be moved across details panel and core panel during runtime, so this temporary parameter is introduced to display details panel whenever it is necessary.

  Y - default value, meaning there is a signatory panel included in the details panel

  N - meaning there is NO signatory panel included in the details panel

  Default: Y

- **SBAM_SignBasePane.NoMasks.Label**

  Label if no mask sets are available in the overview panel

  Default: *language*NoMasks.Label

- **SBAM_SignBasePane.Masks.Label**

  Label if mask sets are available in the overview panel

  Default: *language*Masks.Label

- **SBAM_SignBasePane.Documents.Label**

  Label for documents in the overview panel

  Default: *language*Documents.Label

- **SBAM_SignBasePane.Page.Label**

  Label for the pages of a document in the overview panel

  Default: *language*Page.Label

- **SBAM_SignBasePane.CreateBitmapFromAllMasks**

Default: *settings*CreateBitmapFromAllMasks
- **SBAM_SignBasePane.MaxMaskNumber**
Set the maximum number of mask allowed to draw in the image viewer a value lower than zero allows an unlimited number of masks
Default: *settings*MaximumNumberOfMasks
- **SBAM_SignBasePane.Selection.Color**
The border color of selected signatories
Default: *layout*SignatoryList.SelectionColor

Search dialogs

SBAM_Search

This part describes the general configuration of the search dialog.
- **SBAM_Search.Title.Label**
The title of the search dialog
Default: *language*SearchDlg.Title
- **SBAM_Search.AccountTab.Visible**
1 - the account tab is visible
Default: 1
- **SBAM_Search.AccountTab.Label**
The label of the account tab
Default: *language*Account.Label
- **SBAM_Search.CustomerTab.Label**
The label of the customer tab
Default: *language*Customer.Label
- **SBAM_Search.CustomerSearchPane.ClassName**
Hook for customer specific implementation of the customer search panel
- **SBAM_Search.AccountSearchPane.ClassName**
Hook for customer specific implementation of the account search panel
- **SBAM_Search.Button.Ok.Tooltip**
Tooltip of OK button
Default: *language*SearchDlg.Button.Ok.Tooltip
- **SBAM_Search.Button.Cancel.Tooltip**
Tooltip of cancel button
Default: *language*SearchDlg.Button.Cancel.Tooltip

SBAM_CustomerSearchPane

This part describes the configuration of the customer search dialog.
- **SBAM_CustomerSearchPane.SearchCustomerTableModel.ClassName**
Hook for customer specific implementation of the table model

Field properties

```
SBAM_CustomerSearchPane.BankNo.Label = *language*BNO.Label
SBAM_CustomerSearchPane.BankNo.Size = *sizes*bno.size
SBAM_CustomerSearchPane.BankNo.MinSize = *sizes*bno.minsize
SBAM_CustomerSearchPane.BankNo.Visible = *layout*BNO.Visible
SBAM_CustomerSearchPane.BankNo.Enabled = 0
SBAM_CustomerSearchPane.BankNo.Mandatory = 1
SBAM_CustomerSearchPane.BankNo.Mask =
SBAM_CustomerSearchPane.BankNo.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal

SBAM_CustomerSearchPane.CountryId.Label = *language*CountryId.Label
SBAM_CustomerSearchPane.CountryId.Size = *sizes*countryid.size
SBAM_CustomerSearchPane.CountryId.MinSize = *sizes*countryid.minsize
SBAM_CustomerSearchPane.CountryId.Visible = *layout*CountryId.Visible
SBAM_CustomerSearchPane.CountryId.Enabled = 0
SBAM_CustomerSearchPane.CountryId.Mandatory = 1
SBAM_CustomerSearchPane.CountryId.Mask =
SBAM_CustomerSearchPane.CountryId.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal

SBAM_CustomerSearchPane.BankCode.Label = *language*Bankcode.Label
SBAM_CustomerSearchPane.BankCode.Size = *sizes*bankcode.size
SBAM_CustomerSearchPane.BankCode.MinSize = *sizes*bankcode.minsize
SBAM_CustomerSearchPane.BankCode.Visible = *layout*Bankcode.Visible
SBAM_CustomerSearchPane.BankCode.Enabled = 1
SBAM_CustomerSearchPane.BankCode.Mandatory = 1
SBAM_CustomerSearchPane.BankCode.Mask =
SBAM_CustomerSearchPane.BankCode.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal

SBAM_CustomerSearchPane.CustomerNo.Label = *language*CustomerNo.Label
SBAM_CustomerSearchPane.CustomerNo.Size = *sizes*customerno.size
SBAM_CustomerSearchPane.CustomerNo.MinSize = *sizes*customerno.minsize
SBAM_CustomerSearchPane.CustomerNo.Visible = *layout*CustomerNo.Visible
SBAM_CustomerSearchPane.CustomerNo.Enabled = 1
SBAM_CustomerSearchPane.CustomerNo.Mandatory = 0
SBAM_CustomerSearchPane.CustomerNo.Mask = *layout*CustomerNo.Mask
SBAM_CustomerSearchPane.CustomerNo.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal
SBAM_CustomerSearchPane.CustomerNo.ConvertToUppercase = *layout*ConvertToUppercase

SBAM_CustomerSearchPane.AccountNo.Label = *language*AccountNo.Label
SBAM_CustomerSearchPane.AccountNo.Size = *sizes*accountno.size
SBAM_CustomerSearchPane.AccountNo.MinSize = *sizes*accountno.minsize
SBAM_CustomerSearchPane.AccountNo.Visible = 0
SBAM_CustomerSearchPane.AccountNo.Enabled = 1
SBAM_CustomerSearchPane.AccountNo.Mandatory = 0
SBAM_CustomerSearchPane.AccountNo.Mask = *layout*AccountNo.Mask
SBAM_CustomerSearchPane.AccountNo.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal
SBAM_CustomerSearchPane.AccountNo.ConvertToUppercase = *layout*ConvertToUppercase

SBAM_CustomerSearchPane.CustomerName.Label = *language*CustomerName.Label
SBAM_CustomerSearchPane.CustomerName.Size = *sizes*customer.shortname.size
SBAM_CustomerSearchPane.CustomerName.MinSize = 3
SBAM_CustomerSearchPane.CustomerName.Visible = *layout*CustomerName.Visible
SBAM_CustomerSearchPane.CustomerName.Enabled = 1
SBAM_CustomerSearchPane.CustomerName.Mandatory = 0
SBAM_CustomerSearchPane.CustomerName.Mask =

SBAM_CustomerSearchPane.SignatoryLName.Label = *language*SearchDlg.SignatoryLName.Label
SBAM_CustomerSearchPane.SignatoryLName.Size = *sizes*lname.size
SBAM_CustomerSearchPane.SignatoryLName.MinSize = *sizes*lname.minsize
SBAM_CustomerSearchPane.SignatoryLName.Visible = 1
```

```
SBAM_CustomerSearchPane.SignatoryLName.Enabled = 1
SBAM_CustomerSearchPane.SignatoryLName.Mandatory = 0
SBAM_CustomerSearchPane.SignatoryLName.Mask =

SBAM_CustomerSearchPane.SignatoryFName.Label = *language*SearchDlg.SignatoryFName.Label
SBAM_CustomerSearchPane.SignatoryFName.Size = *sizes*fname.size
SBAM_CustomerSearchPane.SignatoryFName.MinSize = *sizes*fname.minsize
SBAM_CustomerSearchPane.SignatoryFName.Visible = 1
SBAM_CustomerSearchPane.SignatoryFName.Enabled = 1
SBAM_CustomerSearchPane.SignatoryFName.Mandatory = 0
SBAM_CustomerSearchPane.SignatoryFName.Mask =

SBAM_CustomerSearchPane.PersonalID.Label = *language*SearchDlg.PersonalID.Label
SBAM_CustomerSearchPane.PersonalID.Size = *sizes*personalid.size
SBAM_CustomerSearchPane.PersonalID.MinSize = *sizes*personalid.minsize
SBAM_CustomerSearchPane.PersonalID.Visible = *layout*PersonalID.Visible
SBAM_CustomerSearchPane.PersonalID.Enabled = 1
SBAM_CustomerSearchPane.PersonalID.Mandatory = 0
SBAM_CustomerSearchPane.PersonalID.Mask =
SBAM_CustomerSearchPane.PersonalID.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal

SBAM_CustomerSearchPane.QueryDate.Label = *language*SearchDlg.ValidAt.Label
SBAM_CustomerSearchPane.QueryDate.Size = 10
SBAM_CustomerSearchPane.QueryDate.MinSize = 10
SBAM_CustomerSearchPane.QueryDate.Visible = 1
SBAM_CustomerSearchPane.QueryDate.Enabled = 1
SBAM_CustomerSearchPane.QueryDate.Mandatory = 1
SBAM_CustomerSearchPane.QueryDate.Mask =
```

SBAM_AccountSearchPane

This part describes the configuration of the account search dialog.

- **SBAM_AccountSearchPane.SearchAccountTableModel.ClassName**
  Hook for customer specific implementation of the table model

Field properties

```
SBAM_AccountSearchPane.BankNo.Label = *language*BNO.Label
SBAM_AccountSearchPane.BankNo.Size = *sizes*bno.size
SBAM_AccountSearchPane.BankNo.MinSize = *sizes*bno.minsize
SBAM_AccountSearchPane.BankNo.Visible = *layout*BNO.Visible
SBAM_AccountSearchPane.BankNo.Enabled = 0
SBAM_AccountSearchPane.BankNo.Mandatory = 1
SBAM_AccountSearchPane.BankNo.Mask =
SBAM_AccountSearchPane.BankNo.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_AccountSearchPane.CountryId.Label = *language*CountryId.Label
SBAM_AccountSearchPane.CountryId.Size = *sizes*countryid.size
SBAM_AccountSearchPane.CountryId.MinSize = *sizes*countryid.minsize
SBAM_AccountSearchPane.CountryId.Visible = *layout*CountryId.Visible
SBAM_AccountSearchPane.CountryId.Enabled = 0
SBAM_AccountSearchPane.CountryId.Mandatory = 1
SBAM_AccountSearchPane.CountryId.Mask =
SBAM_AccountSearchPane.CountryId.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal

SBAM_AccountSearchPane.BankCode.Label = *language*Bankcode.Label
SBAM_AccountSearchPane.BankCode.Size = *sizes*bankcode.size
SBAM_AccountSearchPane.BankCode.MinSize = *sizes*bankcode.minsize
SBAM_AccountSearchPane.BankCode.Visible = *layout*Bankcode.Visible
SBAM_AccountSearchPane.BankCode.Enabled = 1
```

```
SBAM_AccountSearchPane.BankCode.Mandatory = 1
SBAM_AccountSearchPane.BankCode.Mask =
SBAM_AccountSearchPane.BankCode.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal

SBAM_AccountSearchPane.CustomerNo.Label = *language*CustomerNo.Label
SBAM_AccountSearchPane.CustomerNo.Size = *sizes*customerno.size
SBAM_AccountSearchPane.CustomerNo.MinSize = *sizes*customerno.minsize
SBAM_AccountSearchPane.CustomerNo.Visible = *layout*CustomerNo.Visible
SBAM_AccountSearchPane.CustomerNo.Enabled = 1
SBAM_AccountSearchPane.CustomerNo.Mandatory = 0
SBAM_AccountSearchPane.CustomerNo.Mask = *layout*CustomerNo.Mask
SBAM_AccountSearchPane.CustomerNo.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal
SBAM_AccountSearchPane.CustomerNo.ConvertToUppercase = *layout*ConvertToUppercase

SBAM_AccountSearchPane.AccountNo.Label = *language*AccountNo.Label
SBAM_AccountSearchPane.AccountNo.Size = *sizes*accountno.size
SBAM_AccountSearchPane.AccountNo.MinSize = *sizes*accountno.minsize
SBAM_AccountSearchPane.AccountNo.Visible = 1
SBAM_AccountSearchPane.AccountNo.Enabled = 1
SBAM_AccountSearchPane.AccountNo.Mandatory = 0
SBAM_AccountSearchPane.AccountNo.Mask = *layout*AccountNo.Mask
SBAM_AccountSearchPane.AccountNo.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal
SBAM_AccountSearchPane.AccountNo.ConvertToUppercase = *layout*ConvertToUppercase

SBAM_AccountSearchPane.AccountNo2.Label = *language*AccountNo2.Label
SBAM_AccountSearchPane.AccountNo2.Size = *sizes*accountno2.size
SBAM_AccountSearchPane.AccountNo2.MinSize = *sizes*accountno2.minsize
SBAM_AccountSearchPane.AccountNo2.Visible = 0
SBAM_AccountSearchPane.AccountNo2.Enabled = 1
SBAM_AccountSearchPane.AccountNo2.Mandatory = 0
SBAM_AccountSearchPane.AccountNo2.Mask = *layout*AccountNo2.Mask
SBAM_AccountSearchPane.AccountNo2.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal
SBAM_AccountSearchPane.AccountNo2.ConvertToUppercase = *layout*ConvertToUppercase

SBAM_AccountSearchPane.CustomerName.Label = *language*CustomerName.Label
SBAM_AccountSearchPane.CustomerName.Size = *sizes*customer.shortname.size
SBAM_AccountSearchPane.CustomerName.MinSize = 3
SBAM_AccountSearchPane.CustomerName.Visible = *layout*CustomerName.Visible
SBAM_AccountSearchPane.CustomerName.Enabled = 1
SBAM_AccountSearchPane.CustomerName.Mandatory = 0
SBAM_AccountSearchPane.CustomerName.Mask =

SBAM_AccountSearchPane.AccountName.Label = *language*AccountName.Label
SBAM_AccountSearchPane.AccountName.Size = *sizes*account.shortname.size
SBAM_AccountSearchPane.AccountName.MinSize = *sizes*account.shortname.minsize
SBAM_AccountSearchPane.AccountName.Visible = *layout*AccountName.Visible
SBAM_AccountSearchPane.AccountName.Enabled = 1
SBAM_AccountSearchPane.AccountName.Mandatory = 0
SBAM_AccountSearchPane.AccountName.Mask =

SBAM_AccountSearchPane.SignatoryLName.Label = *language*SearchDlg.SignatoryLName.Label
SBAM_AccountSearchPane.SignatoryLName.Size = *sizes*lname.size
SBAM_AccountSearchPane.SignatoryLName.MinSize = *sizes*lname.minsize
SBAM_AccountSearchPane.SignatoryLName.Visible = 1
SBAM_AccountSearchPane.SignatoryLName.Enabled = 1
SBAM_AccountSearchPane.SignatoryLName.Mandatory = 0
SBAM_AccountSearchPane.SignatoryLName.Mask =

SBAM_AccountSearchPane.SignatoryFName.Label = *language*SearchDlg.SignatoryFName.Label
SBAM_AccountSearchPane.SignatoryFName.Size = *sizes*fname.size
```

```
SBAM_AccountSearchPane.SignatoryFName.MinSize = *sizes*fname.minsize
SBAM_AccountSearchPane.SignatoryFName.Visible = 1
SBAM_AccountSearchPane.SignatoryFName.Enabled = 1
SBAM_AccountSearchPane.SignatoryFName.Mandatory = 0
SBAM_AccountSearchPane.SignatoryFName.Mask =

SBAM_AccountSearchPane.PersonalID.Label = *language*SearchDlg.PersonalID.Label
SBAM_AccountSearchPane.PersonalID.Size = *sizes*personalid.size
SBAM_AccountSearchPane.PersonalID.MinSize = *sizes*personalid.minsize
SBAM_AccountSearchPane.PersonalID.Visible =  *layout*PersonalID.Visible
SBAM_AccountSearchPane.PersonalID.Enabled = 1
SBAM_AccountSearchPane.PersonalID.Mandatory = 0
SBAM_AccountSearchPane.PersonalID.Mask =
SBAM_AccountSearchPane.PersonalID.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal

SBAM_AccountSearchPane.QueryDate.Label = *language*SearchDlg.ValidAt.Label
SBAM_AccountSearchPane.QueryDate.Size = 10
SBAM_AccountSearchPane.QueryDate.MinSize = 10
SBAM_AccountSearchPane.QueryDate.Visible = 1
SBAM_AccountSearchPane.QueryDate.Enabled = 1
SBAM_AccountSearchPane.QueryDate.Mandatory = 1
SBAM_AccountSearchPane.QueryDate.Mask =

SBAM_AccountSearchPane.Closed.Label = *language*SearchDlg.ClosedAccounts.Label
SBAM_AccountSearchPane.Closed.Size = 1
SBAM_AccountSearchPane.Closed.MinSize = 1
SBAM_AccountSearchPane.Closed.Visible = 1
SBAM_AccountSearchPane.Closed.Enabled = 1
SBAM_AccountSearchPane.Closed.Mandatory = 0
SBAM_AccountSearchPane.Closed.Mask =
```

SBAM_CustomerAccountSearchPane

This part describes the configuration of the account model search dialog.

- **SBAM_CustomerAccountSearchPane.SearchTableAModel.ClassName**
  Hook for customer specific implementation of the table model

Field properties

```
SBAM_CustomerAccountSearchPane.BankNo.Label = *language*BNO.Label
SBAM_CustomerAccountSearchPane.BankNo.Size = *sizes*bno.size
SBAM_CustomerAccountSearchPane.BankNo.MinSize = *sizes*bno.minsize
SBAM_CustomerAccountSearchPane.BankNo.Visible = *layout*BNO.Visible
SBAM_CustomerAccountSearchPane.BankNo.Enabled = 0
SBAM_CustomerAccountSearchPane.BankNo.Mandatory = 1
SBAM_CustomerAccountSearchPane.BankNo.Mask =
SBAM_CustomerAccountSearchPane.BankNo.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal

SBAM_CustomerAccountSearchPane.CountryId.Label = *language*CountryId.Label
SBAM_CustomerAccountSearchPane.CountryId.Size = *sizes*countryid.size
SBAM_CustomerAccountSearchPane.CountryId.MinSize = *sizes*countryid.minsize
SBAM_CustomerAccountSearchPane.CountryId.Visible = *layout*CountryId.Visible
SBAM_CustomerAccountSearchPane.CountryId.Enabled = 0
SBAM_CustomerAccountSearchPane.CountryId.Mandatory = 1
SBAM_CustomerAccountSearchPane.CountryId.Mask =
SBAM_CustomerAccountSearchPane.CountryId.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal

SBAM_CustomerAccountSearchPane.BankCode.Label = *language*Bankcode.Label
```

```
SBAM_CustomerAccountSearchPane.BankCode.Size = *sizes*bankcode.size
SBAM_CustomerAccountSearchPane.BankCode.MinSize = *sizes*bankcode.minsize
SBAM_CustomerAccountSearchPane.BankCode.Visible = *layout*Bankcode.Visible
SBAM_CustomerAccountSearchPane.BankCode.Enabled = 1
SBAM_CustomerAccountSearchPane.BankCode.Mandatory = 1
SBAM_CustomerAccountSearchPane.BankCode.Mask =
SBAM_CustomerAccountSearchPane.BankCode.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal

SBAM_CustomerAccountSearchPane.AccountNo.Label = *language*AccountNo.Label
SBAM_CustomerAccountSearchPane.AccountNo.Size = *sizes*accountno.size
SBAM_CustomerAccountSearchPane.AccountNo.MinSize = *sizes*accountno.minsize
SBAM_CustomerAccountSearchPane.AccountNo.Visible = 1
SBAM_CustomerAccountSearchPane.AccountNo.Enabled = 1
SBAM_CustomerAccountSearchPane.AccountNo.Mandatory = 1
SBAM_CustomerAccountSearchPane.AccountNo.Mask = *layout*AccountNo.Mask
SBAM_CustomerAccountSearchPane.AccountNo.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal
SBAM_CustomerAccountSearchPane.AccountNo.ConvertToUppercase =
 *layout*ConvertToUppercase

SBAM_CustomerAccountSearchPane.AccountNo2.Label = *language*AccountNo2.Label
SBAM_CustomerAccountSearchPane.AccountNo2.Size = *sizes*accountno2.size
SBAM_CustomerAccountSearchPane.AccountNo2.MinSize = *sizes*accountno2.minsize
SBAM_CustomerAccountSearchPane.AccountNo2.Visible = 0
SBAM_CustomerAccountSearchPane.AccountNo2.Enabled = 1
SBAM_CustomerAccountSearchPane.AccountNo2.Mandatory = 0
SBAM_CustomerAccountSearchPane.AccountNo2.Mask = *layout*AccountNo2.Mask
SBAM_CustomerAccountSearchPane.AccountNo2.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal
SBAM_CustomerAccountSearchPane.AccountNo2.ConvertToUppercase =
 *layout*ConvertToUppercase

SBAM_CustomerAccountSearchPane.AccountName.Label = *language*AccountName.Label
SBAM_CustomerAccountSearchPane.AccountName.Size = *sizes*account.shortname.size
SBAM_CustomerAccountSearchPane.AccountName.MinSize = 3
SBAM_CustomerAccountSearchPane.AccountName.Visible = *layout*AccountName.Visible
SBAM_CustomerAccountSearchPane.AccountName.Enabled = 1
SBAM_CustomerAccountSearchPane.AccountName.Mandatory = 0
SBAM_CustomerAccountSearchPane.AccountName.Mask =

SBAM_CustomerAccountSearchPane.SignatoryLName.Label =
 *language*SearchDlg.SignatoryLName.Label
SBAM_CustomerAccountSearchPane.SignatoryLName.Size = *sizes*lname.size
SBAM_CustomerAccountSearchPane.SignatoryLName.MinSize = *sizes*lname.minsize
SBAM_CustomerAccountSearchPane.SignatoryLName.Visible = 1
SBAM_CustomerAccountSearchPane.SignatoryLName.Enabled = 1
SBAM_CustomerAccountSearchPane.SignatoryLName.Mandatory = 0
SBAM_CustomerAccountSearchPane.SignatoryLName.Mask =

SBAM_CustomerAccountSearchPane.SignatoryFName.Label =
 *language*SearchDlg.SignatoryFName.Label
SBAM_CustomerAccountSearchPane.SignatoryFName.Size = *sizes*fname.size
SBAM_CustomerAccountSearchPane.SignatoryFName.MinSize = *sizes*fname.minsize
SBAM_CustomerAccountSearchPane.SignatoryFName.Visible = 1
SBAM_CustomerAccountSearchPane.SignatoryFName.Enabled = 1
SBAM_CustomerAccountSearchPane.SignatoryFName.Mandatory = 0
SBAM_CustomerAccountSearchPane.SignatoryFName.Mask =

SBAM_CustomerAccountSearchPane.PersonalID.Label = *language*SearchDlg.PersonalID.Label
SBAM_CustomerAccountSearchPane.PersonalID.Size = *sizes*personalid.size
SBAM_CustomerAccountSearchPane.PersonalID.MinSize = *sizes*personalid.minsize
SBAM_CustomerAccountSearchPane.PersonalID.Visible = *layout*PersonalID.Visible
SBAM_CustomerAccountSearchPane.PersonalID.Enabled = 1
```

```
SBAM_CustomerAccountSearchPane.PersonalID.Mandatory = 0
SBAM_CustomerAccountSearchPane.PersonalID.Mask =
SBAM_CustomerAccountSearchPane.PersonalID.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal

SBAM_CustomerAccountSearchPane.QueryDate.Label = *language*SearchDlg.ValidAt.Label
SBAM_CustomerAccountSearchPane.QueryDate.Size = 10
SBAM_CustomerAccountSearchPane.QueryDate.MinSize = 10
SBAM_CustomerAccountSearchPane.QueryDate.Visible = 1
SBAM_CustomerAccountSearchPane.QueryDate.Enabled = 1
SBAM_CustomerAccountSearchPane.QueryDate.Mandatory = 1
SBAM_CustomerAccountSearchPane.QueryDate.Mask =

SBAM_CustomerAccountSearchPane.Closed.Label = *language*SearchDlg.ClosedAccounts.Label
SBAM_CustomerAccountSearchPane.Closed.Size = 1
SBAM_CustomerAccountSearchPane.Closed.MinSize = 1
SBAM_CustomerAccountSearchPane.Closed.Visible = 1
SBAM_CustomerAccountSearchPane.Closed.Enabled = 1
SBAM_CustomerAccountSearchPane.Closed.Mandatory = 0
SBAM_CustomerAccountSearchPane.Closed.Mask =
```

Search table models

SBAM_SearchTableModel

This part describes the configuration of the table models in search dialog.

```
SBAM_SearchTableModel.BankNo.MinSize=50
SBAM_SearchTableModel.BankNo.MaxSize = 120
SBAM_SearchTableModel.BankNo.Size = 50

SBAM_SearchTableModel.Bankcode.MinSize = 50
SBAM_SearchTableModel.Bankcode.MaxSize = 120
SBAM_SearchTableModel.Bankcode.Size = 90

SBAM_SearchTableModel.CustomerNo.MinSize = 100
SBAM_SearchTableModel.CustomerNo.MaxSize = 200
SBAM_SearchTableModel.CustomerNo.Size = 100

SBAM_SearchTableModel.CustomerName.Visible = *layout*CustomerName.Visible
SBAM_SearchTableModel.CustomerName.MinSize = 0
SBAM_SearchTableModel.CustomerName.MaxSize = 0
SBAM_SearchTableModel.CustomerName.Size = 0

SBAM_SearchTableModel.AccountNo.MinSize = 100
SBAM_SearchTableModel.AccountNo.MaxSize = 200
SBAM_SearchTableModel.AccountNo.Size = 100

SBAM_SearchTableModel.AccountName.MinSize = 0
SBAM_SearchTableModel.AccountName.MaxSize = 0
SBAM_SearchTableModel.AccountName.Size = 0

SBAM_SearchTableModel.Signatory.MinSize = 0
SBAM_SearchTableModel.Signatory.MaxSize = 0
SBAM_SearchTableModel.Signatory.Size = 0

SBAM_SearchTableModel.PersonalID.MinSize = 0
SBAM_SearchTableModel.PersonalID.MaxSize = 0
SBAM_SearchTableModel.PersonalID.Size = 0
```

SBAM_SearchCustomerTableModel

This part describes the configuration of the table model in customer search dialog.

```
SBAM_SearchCustomerTableModel.BankNo.Label = *language*BNO.Label
SBAM_SearchCustomerTableModel.BankNo.Visible = *layout*BNO.Visible
SBAM_SearchCustomerTableModel.BankNo.MinSize =
 *SignBase*SBAM_SearchTableModel.BankNo.MinSize
SBAM_SearchCustomerTableModel.BankNo.MaxSize =
 *SignBase*SBAM_SearchTableModel.BankNo.MaxSize
SBAM_SearchCustomerTableModel.BankNo.Siz = *SignBase*SBAM_SearchTableModel.BankNo.Size

SBAM_SearchCustomerTableModel.Bankcode.Label = *language*SearchDlg.Bankcode.ShortLabel
SBAM_SearchCustomerTableModel.Bankcode.Visible = 0
SBAM_SearchCustomerTableModel.Bankcode.MinSize =
 *SignBase*SBAM_SearchTableModel.Bankcode.MinSize
SBAM_SearchCustomerTableModel.Bankcode.MaxSize =
 *SignBase*SBAM_SearchTableModel.Bankcode.MaxSize
SBAM_SearchCustomerTableModel.Bankcode.Size =
 *SignBase*SBAM_SearchTableModel.Bankcode.Size

SBAM_SearchCustomerTableModel.CustomerNo.Label =
 *language*SearchDlg.CustomerNo.ShortLabel
SBAM_SearchCustomerTableModel.CustomerNo.Visible = *layout*CustomerNo.Visible
SBAM_SearchCustomerTableModel.CustomerNo.MinSize =
 *SignBase*SBAM_SearchTableModel.CustomerNo.MinSize
SBAM_SearchCustomerTableModel.CustomerNo.MaxSize =
 *SignBase*SBAM_SearchTableModel.CustomerNo.MaxSize
SBAM_SearchCustomerTableModel.CustomerNo.Size =
 *SignBase*SBAM_SearchTableModel.CustomerNo.Size
SBAM_SearchCustomerTableModel.CustomerNo.Mask = *layout*CustomerNo.Mask

SBAM_SearchCustomerTableModel.CustomerName.Label = *language*CustomerName.Label
SBAM_SearchCustomerTableModel.CustomerName.Visible = *layout*CustomerName.Visible
SBAM_SearchCustomerTableModel.CustomerName.MinSize =
 *SignBase*SBAM_SearchTableModel.CustomerName.MinSize
SBAM_SearchCustomerTableModel.CustomerName.MaxSize =
 *SignBase*SBAM_SearchTableModel.CustomerName.MaxSize
SBAM_SearchCustomerTableModel.CustomerName.Size =
 *SignBase*SBAM_SearchTableModel.CustomerName.Size

SBAM_SearchCustomerTableModel.Signatory.Label = *language*Signatory.Label
SBAM_SearchCustomerTableModel.Signatory.Visible = 0
SBAM_SearchCustomerTableModel.Signatory.MinSize =
 *SignBase*SBAM_SearchTableModel.Signatory.MinSize
SBAM_SearchCustomerTableModel.Signatory.MaxSize =
 *SignBase*SBAM_SearchTableModel.Signatory.MaxSize
SBAM_SearchCustomerTableModel.Signatory.Size =
 *SignBase*SBAM_SearchTableModel.Signatory.Size

SBAM_SearchCustomerTableModel.PersonalID.Label = *language*SearchDlg.PersonalID.Label
SBAM_SearchCustomerTableModel.PersonalID.Visible = 0
SBAM_SearchCustomerTableModel.PersonalID.MinSize =
 *SignBase*SBAM_SearchTableModel.PersonalID.MinSize
SBAM_SearchCustomerTableModel.PersonalID.MaxSize =
 *SignBase*SBAM_SearchTableModel.PersonalID.MaxSize
SBAM_SearchCustomerTableModel.PersonalID.Size =
 *SignBase*SBAM_SearchTableModel.PersonalID.Size
```

SBAM_SearchAccountTableModel

This part describes the configuration of the table model in account search dialog.

```
SBAM_SearchAccountTableModel.BankNo.Label = *language*BNO.Label
SBAM_SearchAccountTableModel.BankNo.Visible = *layout*BNO.Visible
SBAM_SearchAccountTableModel.BankNo.MinSize =
 *SignBase*SBAM_SearchTableModel.BankNo.MinSize
```

```
SBAM_SearchAccountTableModel.BankNo.MaxSize =
 *SignBase*SBAM_SearchTableModel.BankNo.MaxSize
SBAM_SearchAccountTableModel.BankNo.Size = *SignBase*SBAM_SearchTableModel.BankNo.Size

SBAM_SearchAccountTableModel.Bankcode.Label = *language*SearchDlg.Bankcode.ShortLabel
SBAM_SearchAccountTableModel.Bankcode.Visible = 0
SBAM_SearchAccountTableModel.Bankcode.MinSize =
 *SignBase*SBAM_SearchTableModel.Bankcode.MinSize
SBAM_SearchAccountTableModel.Bankcode.MaxSize =
 *SignBase*SBAM_SearchTableModel.Bankcode.MaxSize
SBAM_SearchAccountTableModel.Bankcode.Size =
 *SignBase*SBAM_SearchTableModel.Bankcode.Size

SBAM_SearchAccountTableModel.CustomerNo.Label =
 *language*SearchDlg.CustomerNo.ShortLabel
SBAM_SearchAccountTableModel.CustomerNo.Visible = *layout*CustomerNo.Visible
SBAM_SearchAccountTableModel.CustomerNo.MinSize =
 *SignBase*SBAM_SearchTableModel.CustomerNo.MinSize
SBAM_SearchAccountTableModel.CustomerNo.MaxSize =
 *SignBase*SBAM_SearchTableModel.CustomerNo.MaxSize
SBAM_SearchAccountTableModel.CustomerNo.Size =
 *SignBase*SBAM_SearchTableModel.CustomerNo.Size
SBAM_SearchAccountTableModel.CustomerNo.Mask = *layout*CustomerNo.Mask

SBAM_SearchAccountTableModel.CustomerName.Visible = *layout*CustomerName.Visible
SBAM_SearchAccountTableModel.CustomerName.Label = *language*CustomerName.Label
SBAM_SearchAccountTableModel.CustomerName.MinSize =
 *SignBase*SBAM_SearchTableModel.CustomerName.MinSize
SBAM_SearchAccountTableModel.CustomerName.MaxSize =
 *SignBase*SBAM_SearchTableModel.CustomerName.MaxSize
SBAM_SearchAccountTableModel.CustomerName.Size =
 *SignBase*SBAM_SearchTableModel.CustomerName.Size

SBAM_SearchAccountTableModel.Currency.Visible = 0
SBAM_SearchAccountTableModel.Currency.Label = *language*SearchDlg.Currency.ShortLabel
SBAM_SearchAccountTableModel.Currency.MinSize = 30
SBAM_SearchAccountTableModel.Currency.MaxSize = 100
SBAM_SearchAccountTableModel.Currency.Size = 50

SBAM_SearchAccountTableModel.AccountNo.Label = *language*SearchDlg.AccountNo.ShortLabel
SBAM_SearchAccountTableModel.AccountNo.Visible = *layout*AccountNo.Visible
SBAM_SearchAccountTableModel.AccountNo.MinSize =
 *SignBase*SBAM_SearchTableModel.AccountNo.MinSize
SBAM_SearchAccountTableModel.AccountNo.MaxSize =
 *SignBase*SBAM_SearchTableModel.AccountNo.MaxSize
SBAM_SearchAccountTableModel.AccountNo.Size =
 *SignBase*SBAM_SearchTableModel.AccountNo.Size
SBAM_SearchAccountTableModel.AccountNo.Mask = *layout*AccountNo.Mask

SBAM_SearchAccountTableModel.AccountName.Label =
 *language*SearchDlg.AccountName.ShortLabel
SBAM_SearchAccountTableModel.AccountName.Visible = *layout*AccountName.Visible
SBAM_SearchAccountTableModel.AccountName.MinSize =
 *SignBase*SBAM_SearchTableModel.AccountName.MinSize
SBAM_SearchAccountTableModel.AccountName.MaxSize =
 *SignBase*SBAM_SearchTableModel.AccountName.MaxSize
SBAM_SearchAccountTableModel.AccountName.Size =
 *SignBase*SBAM_SearchTableModel.AccountName.Size

SBAM_SearchAccountTableModel.BranchCode.Label = *language*Branchcode.Label
SBAM_SearchAccountTableModel.BranchCode.Visible = 1
SBAM_SearchAccountTableModel.BranchCode.MinSize = 100
SBAM_SearchAccountTableModel.BranchCode.MaxSize = 200
SBAM_SearchAccountTableModel.BranchCode.Size = 100
```

```
SBAM_SearchAccountTableModel.Signatory.Label = *language*Signatory.Label
SBAM_SearchAccountTableModel.Signatory.Visible = 0
SBAM_SearchAccountTableModel.Signatory.MinSize =
 *SignBase*SBAM_SearchTableModel.Signatory.MinSize
SBAM_SearchAccountTableModel.Signatory.MaxSize =
 *SignBase*SBAM_SearchTableModel.Signatory.MaxSize
SBAM_SearchAccountTableModel.Signatory.Size =
 *SignBase*SBAM_SearchTableModel.Signatory.Size

SBAM_SearchAccountTableModel.PersonalID.Label = *language*SearchDlg.PersonalID.Label
SBAM_SearchAccountTableModel.PersonalID.Visible = 0
SBAM_SearchAccountTableModel.PersonalID.MinSize =
 *SignBase*SBAM_SearchTableModel.PersonalID.MinSize
SBAM_SearchAccountTableModel.PersonalID.MaxSize =
 *SignBase*SBAM_SearchTableModel.PersonalID.MaxSize
SBAM_SearchAccountTableModel.PersonalID.Size =
 *SignBase*SBAM_SearchTableModel.PersonalID.Size
```

SBAM_SearchTableAModel

This part describes the configuration of the table model in account search dialog when in account model.

```
SBAM_SearchTableAModel.BankNo.Visible = *layout*BNO.Visible
SBAM_SearchTableAModel.BankNo.Label = *language*BNO.Label
SBAM_SearchTableAModel.BankNo.MinSize = *SignBase*SBAM_SearchTableModel.BankNo.MinSize
SBAM_SearchTableAModel.BankNo.MaxSize = *SignBase*SBAM_SearchTableModel.BankNo.MaxSize
SBAM_SearchTableAModel.BankNo.Size = *SignBase*SBAM_SearchTableModel.BankNo.Size

SBAM_SearchTableAModel.Bankcode.Visible = 0
SBAM_SearchTableAModel.Bankcode.Label = *language*SearchDlg.Bankcode.ShortLabel
SBAM_SearchTableAModel.Bankcode.MinSize =
 *SignBase*SBAM_SearchTableModel.Bankcode.MinSize
SBAM_SearchTableAModel.Bankcode.MaxSize =
 *SignBase*SBAM_SearchTableModel.Bankcode.MaxSize
SBAM_SearchTableAModel.Bankcode.Size = *SignBase*SBAM_SearchTableModel.Bankcode.Size

SBAM_SearchTableAModel.AccountNo.Visible = *layout*AccountNo.Visible
SBAM_SearchTableAModel.AccountNo.Label = *language*SearchDlg.AccountNo.ShortLabel
SBAM_SearchTableAModel.AccountNo.MinSize =
 *SignBase*SBAM_SearchTableModel.AccountNo.MinSize
SBAM_SearchTableAModel.AccountNo.MaxSize =
 *SignBase*SBAM_SearchTableModel.AccountNo.MaxSize
SBAM_SearchTableAModel.AccountNo.Size = *SignBase*SBAM_SearchTableModel.AccountNo.Size
SBAM_SearchTableAModel.AccountNo.Mask = *layout*AccountNo.Mask

SBAM_SearchTableAModel.AccountName.Visible = *layout*AccountName.Visible
SBAM_SearchTableAModel.AccountName.Label = *language*SearchDlg.AccountName.ShortLabel
SBAM_SearchTableAModel.AccountName.MinSize =
 *SignBase*SBAM_SearchTableModel.AccountName.MinSize
SBAM_SearchTableAModel.AccountName.MaxSize =
 *SignBase*SBAM_SearchTableModel.AccountName.MaxSize
SBAM_SearchTableAModel.AccountName.Size =
 *SignBase*SBAM_SearchTableModel.AccountName.Size

SBAM_SearchTableAModel.Signatory.Label = *language*Signatory.Label
SBAM_SearchTableAModel.Signatory.Visible = 0
SBAM_SearchTableAModel.Signatory.MinSize =
 *SignBase*SBAM_SearchTableModel.Signatory.MinSize
SBAM_SearchTableAModel.Signatory.MaxSize =
 *SignBase*SBAM_SearchTableModel.Signatory.MaxSize
SBAM_SearchTableAModel.Signatory.Size = *SignBase*SBAM_SearchTableModel.Signatory.Size
```

```
SBAM_SearchTableAModel.PersonalID.Label = *language*SearchDlg.PersonalID.Label
SBAM_SearchTableAModel.PersonalID.Visible = 0
SBAM_SearchTableAModel.PersonalID.MinSize =
 *SignBase*SBAM_SearchTableModel.PersonalID.MinSize
SBAM_SearchTableAModel.PersonalID.MaxSize =
 *SignBase*SBAM_SearchTableModel.PersonalID.MaxSize
SBAM_SearchTableAModel.PersonalID.Size =
 *SignBase*SBAM_SearchTableModel.PersonalID.Size

SBAM_SearchTableAModel.BranchCode.Label = *language*Branchcode.Label
SBAM_SearchTableAModel.BranchCode.Visible = 1
SBAM_SearchTableAModel.BranchCode.MinSize = 100
SBAM_SearchTableAModel.BranchCode.MaxSize = 200
SBAM_SearchTableAModel.BranchCode.Size = 100
```

Customer dialog

This part describes the configuration of the customer dialogs.

SBAM_Customer

Configuration of general customer information.

- **SBAM_Customer.Restriction.Visible**
  1 - restriction panel is visible
  Default: 1
- **SBAM_Customer.WindowTitle.Label**
  The title of the dialog
  Default: *language*CustomerDlg.Title.Edit
- **SBAM_Customer.Border.Label**
  The title of the customer border
  Default: *language*CustomerDlg.Customer.Border.Label
- **SBAM_Customer.Layout.ClassName**
  Hook for customer specific implementation

Field properties

```
SBAM_Customer.BankNo.Label = *language*BNO.Label
SBAM_Customer.BankNo.Size = *sizes*bno.size
SBAM_Customer.BankNo.MinSize = *sizes*bno.minsize
SBAM_Customer.BankNo.Visible = *layout*BNO.Visible
SBAM_Customer.BankNo.Enabled = 0
SBAM_Customer.BankNo.Mandatory = 1

SBAM_Customer.Country.Label = *language*CountryId.Label
SBAM_Customer.Country.Size = *sizes*countryid.size
SBAM_Customer.Country.MinSize = *sizes*countryid.minsize
SBAM_Customer.Country.Visible = *layout*CountryId.Visible
SBAM_Customer.Country.Enabled = 0
SBAM_Customer.Country.Mandatory = 1
SBAM_Customer.Country.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_Customer.Bankcode.Label = *language*Bankcode.Label
SBAM_Customer.Bankcode.Size = *sizes*bankcode.size
SBAM_Customer.Bankcode.MinSize = *sizes*bankcode.minsize
SBAM_Customer.Bankcode.Visible = *layout*Bankcode.Visible
```

```
SBAM_Customer.Bankcode.Enabled = 0
SBAM_Customer.Bankcode.Mandatory = 1
SBAM_Customer.Bankcode.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_Customer.CustomerNo.Label = *language*CustomerNo.Label
SBAM_Customer.CustomerNo.Size = *sizes*customerno.size
SBAM_Customer.CustomerNo.MinSize = *sizes*customerno.minsize
SBAM_Customer.CustomerNo.Visible = *layout*CustomerNo.Visible
SBAM_Customer.CustomerNo.Enabled = 0
SBAM_Customer.CustomerNo.Mandatory = 1
SBAM_Customer.CustomerNo.Mask = *layout*CustomerNo.Mask
SBAM_Customer.CustomerNo.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal
SBAM_Customer.CustomerNo.ConvertToUppercase = *layout*ConvertToUppercase

SBAM_Customer.CustomerType.Label = *language*Type.Label
SBAM_Customer.CustomerType.Size = 18
SBAM_Customer.CustomerType.MinSize = 0
SBAM_Customer.CustomerType.Visible = 1
SBAM_Customer.CustomerType.Enabled = 1
SBAM_Customer.CustomerType.Mandatory = 0

SBAM_Customer.CustomerName.Label = *language*CustomerName.Label
SBAM_Customer.CustomerName.Size = *sizes*customer.shortname.size
SBAM_Customer.CustomerName.MinSize = *sizes*customer.shortname.minsize
SBAM_Customer.CustomerName.Visible = *layout*CustomerName.Visible
SBAM_Customer.CustomerName.Enabled = 1
SBAM_Customer.CustomerName.Mandatory = 0

SBAM_Customer.ASV.Label = *language*ASV.APIA.Label
SBAM_Customer.ASV.Size = 1
SBAM_Customer.ASV.MinSize = 1
SBAM_Customer.ASV.Visible = 1
SBAM_Customer.ASV.Enabled = 1
SBAM_Customer.ASV.Mandatory = 0

SBAM_Customer.ValuedCustomer.Label = *language*CustomerDlg.ValuedCustomer.Label
SBAM_Customer.ValuedCustomer.Size = 1
SBAM_Customer.ValuedCustomer.MinSize = 1
SBAM_Customer.ValuedCustomer.Visible = 1
SBAM_Customer.ValuedCustomer.Enabled = 1
SBAM_Customer.ValuedCustomer.Mandatory = 0

SBAM_Customer.LastChanged.Label = *language*DateChanged
SBAM_Customer.LastChanged.Size = 20
SBAM_Customer.LastChanged.MinSize = 1
SBAM_Customer.LastChanged.Visible = 1
SBAM_Customer.LastChanged.Enabled = 0
SBAM_Customer.LastChanged.Mandatory = 0

SBAM_Customer.CustomerSince.Label = *language*CustomerSince.Label
SBAM_Customer.CustomerSince.Size = 20
SBAM_Customer.CustomerSince.MinSize = 1
SBAM_Customer.CustomerSince.Visible = 1
SBAM_Customer.CustomerSince.Enabled = 1
SBAM_Customer.CustomerSince.Mandatory = 0
```

SBAM_CustomerNew

Configuration for enabled fields when creating a new customer.

- **SBAM_CustomerNew.BankNo.Enabled**
  1 - field is editable
  0 - field is read only

Default: 1
- **SBAM_CustomerNew.Country.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 0
- **SBAM_CustomerNew.Bankcode.Enabled**

  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_CustomerNew.CustomerNo.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_CustomerNew.CustomerType.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_CustomerNew.CustomerName.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_CustomerNew.ASV.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_CustomerNew.ValuedCustomer.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_CustomerNew.CustomerSince.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_CustomerNew.WindowTitle.Label**
  The title of the dialog
  Default: *language*CustomerDlg.Title.New

SBAM_CustomerDisplay

Configuration for displaying a customer read only.

- **SBAM_CustomerDisplay.WindowTitle.Label**
  The title of the dialog

Default: *language*CustomerDlg.Title.Display

SBAM_CustomerDelete

Configuration for the delete customer dialog.

- **SBAM_CustomerDelete.WindowTitle.Label**
  The title of the dialog
  Default: *language*CustomerDlg.Title.Delete
- **SBAM_CustomerDelete.DeleteButton.Text**
  The label of the delete button
  Default: *language*Button.Delete.Text
- **SBAM_CustomerDelete.DeleteButton.Mnemonic**
  The shortcut of the Delete button
  Default: *language*Button.Delete.Mnemonic
- **SBAM_CustomerDelete.DeleteButton.Icon**
  The icon of the Delete button
  Default: de/softpro/signplus/client/resources/gif/customerDelete.gif

Account dialog (Customer Model)

This part describes the configuration of the account dialogs.

SBAM_Account

Configuration of general account information.
- **SBAM_Account.WindowTitle.Label**
  The title of the dialog
  Default: *language*AccountDlg.Title.Edit
- **SBAM_Account.Restriction.Visible**
  1 - restriction panel is visible
  Default: 1
- **SBAM_Account.Border.Label**
  The title of the account border
  Default: *language*AccountDlg.Account.Border.Label
- **SBAM_Account.Message.ConfirmAccountOpen**
  The confirm message when opening an account
  Default: *language*Message.ConfirmAccountOpen
- **SBAM_Account.Message.ConfirmAccountClose**
  The confirm message when closing an account
  Default: *language*Message.ConfirmAccountClose
- **SBAM_Account.CurrencyAppendix**
  1 - a currency code is appended to the account number
  0 - the account number is stored as is
  Default: *settings*CurrencyAppendix

- **SBAM_Account.Use3DCurrencyCode**
  1 - a 3-dimensional currency code is stored instead of the ISO-currency
  0 - the ISO currency is stored
  The ISO currencies and the mapping table to the currency codes
  is defined in currency.properties
  Default: *settings*Use3DCurrencyCode
- **SBAM_Account.Layout.ClassName**
  Hook for customer specific implementation

Field properties

```
SBAM_Account.AccountNo.Label = *language*AccountNo.Label
SBAM_Account.AccountNo.Size = *sizes*accountno.size
SBAM_Account.AccountNo.MinSize = *sizes*accountno.minsize
SBAM_Account.AccountNo.Visible = *layout*AccountNo.Visible
SBAM_Account.AccountNo.Enabled = 0
SBAM_Account.AccountNo.Mandatory = 1
SBAM_Account.AccountNo.Mask = *layout*AccountNo.Mask
SBAM_Account.AccountNo.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal
SBAM_Account.AccountNo.ConvertToUppercase = *layout*ConvertToUppercase

SBAM_Account.AccountNo2.Label = *language*AccountNo2.Label
SBAM_Account.AccountNo2.Size = *sizes*accountno2.size
SBAM_Account.AccountNo2.MinSize = *sizes*accountno2.minsize
SBAM_Account.AccountNo2.Visible = 0
SBAM_Account.AccountNo2.Enabled = 0
SBAM_Account.AccountNo2.Mandatory = 0
SBAM_Account.AccountNo2.Mask = *layout*AccountNo2.Mask
SBAM_Account.AccountNo2.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal
SBAM_Account.AccountNo2.ConvertToUppercase = *layout*ConvertToUppercase

SBAM_Account.BranchCode.Label = *language*Branchcode.Label
SBAM_Account.BranchCode.Size = *sizes*branchcode.size
SBAM_Account.BranchCode.MinSize = *sizes*branchcode.minsize
SBAM_Account.BranchCode.Visible = 1
SBAM_Account.BranchCode.Enabled = 1
SBAM_Account.BranchCode.Mandatory = 0
SBAM_Account.BranchCode.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_Account.Bic.Label = *language*Bic.Label
SBAM_Account.Bic.Size = *sizes*bic.size
SBAM_Account.Bic.MinSize = *sizes*bic.minsize
SBAM_Account.Bic.Visible = 0
SBAM_Account.Bic.Enabled = 1
SBAM_Account.Bic.Mandatory = 0
SBAM_Account.Bic.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_Account.AccountName.Label = *language*AccountName.Label
SBAM_Account.AccountName.Size = *sizes*account.shortname.size
SBAM_Account.AccountName.MinSize = *sizes*account.shortname.minsize
SBAM_Account.AccountName.Visible = *layout*AccountName.Visible
SBAM_Account.AccountName.Enabled = 1
SBAM_Account.AccountName.Mandatory = 0

SBAM_Account.Currency.Label = *language*Currency.Label
SBAM_Account.Currency.Size = 7
SBAM_Account.Currency.MinSize = 0
SBAM_Account.Currency.Visible = 1
SBAM_Account.Currency.Enabled = 1
```

```
SBAM_Account.Currency.Mandatory = 0

SBAM_Account.ASV.Label = *language*ASV.APIA.Label
SBAM_Account.ASV.Size = 1
SBAM_Account.ASV.MinSize = 1
SBAM_Account.ASV.Visible = 1
SBAM_Account.ASV.Enabled = 1
SBAM_Account.ASV.Mandatory = 0

SBAM_Account.AccountStatus.Label = *language*AccountDlg.AccountStatus.Label
SBAM_Account.AccountStatus.Size = 1
SBAM_Account.AccountStatus.MinSize = 1
SBAM_Account.AccountStatus.Visible = 1
SBAM_Account.AccountStatus.Enabled = *settings*AccountClose.Enabled
SBAM_Account.AccountStatus.Mandatory = 0

SBAM_Account.FreeText.Label = *language*Remarks.Label
SBAM_Account.FreeText.Size = *sizes*freetext.size
SBAM_Account.FreeText.MinSize = *sizes*freetext.minsize
SBAM_Account.FreeText.Visible = 1
SBAM_Account.FreeText.Enabled = 1
SBAM_Account.FreeText.Mandatory = 0

SBAM_Account.AccountOpened.Label = *language*AccountOpened.Label
SBAM_Account.AccountOpened.Size = 20
SBAM_Account.AccountOpened.MinSize = 1
SBAM_Account.AccountOpened.Visible = 1
SBAM_Account.AccountOpened.Enabled = 1
SBAM_Account.AccountOpened.Mandatory = 0

SBAM_Account.ZipCode.Label = *language*ZipCode.Label
SBAM_Account.ZipCode.Size = 30
SBAM_Account.ZipCode.MinSize = 1
SBAM_Account.ZipCode.Visible = 1
SBAM_Account.ZipCode.Enabled = 1
SBAM_Account.ZipCode.Mandatory = 0
```

SBAM_AccountNew

Configuration for enabled fields when creating a new account.

- **SBAM_AccountNew.AccountNo.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_AccountNew.AccountNo2.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_AccountNew.BranchCode.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_AccountNew.Bic.Enabled**
  1 - field is editable

0 - field is read only

Default: 1

- **SBAM_AccountNew.AccountName.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_AccountNew.Currency.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_AccountNew.ASV.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_AccountNew.AccountStatus.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 0
- **SBAM_AccountNew.FreeText.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_AccountNew.AccountOpened.Enabled**
  Default: 1
- **SBAM_AccountNew.ZipCode.Enabled**
  Default: 1
- **SBAM_AccountNew.WindowTitle.Label**
  The title of the dialog
  Default: *language*AccountDlg.Title.New
- **SBAM_AccountNew.Message.AccountExist**
  Message when an account already exists
  Default: *language*Message.AccountExist

SBAM_AccountDisplay

Configuration for displaying an account read only.

- **SBAM_AccountDisplay.WindowTitle.Label**
  The title of the dialog
  Default: *language*AccountDlg.Title.Display

SBAM_AccountDelete

Configuration for the delete account dialog.

- **SBAM_AccountDelete.WindowTitle.Label**
  The title of the dialog
  Default: *language*AccountDlg.Title.Delete
- **SBAM_AccountDelete.DeleteButton.Textv**
  The label of the delete button
  Default: *language*Button.Delete.Text
- **SBAM_AccountDelete.DeleteButton.Mnemonic**
  The shortcut of the Delete button
  Default: *language*Button.Delete.Mnemonic
- **SBAM_AccountDelete.DeleteButton.Icon**
  The icon of the Delete button
  Default: de/softpro/signplus/client/resources/gif/accountDelete.gif

Account dialog (Account Model)

This part describes the configuration of the account dialogs in account model.

SBAM_CustomerAccount

Configuration of general account information.

- **SBAM_CustomerAccount.WindowTitle.Label**
  The title of the dialog
  Default: *language*AccountDlg.Title.Edit
- **SBAM_ CustomerAccount.Restriction.Visible**
  1 - restriction panel is visible
  Default: 1
- **SBAM_ CustomerAccount.Border.Label**
  The title of the account border
  Default: *language*AccountDlg.Account.Border.Label
- **SBAM_ CustomerAccount.Message.ConfirmAccountOpen**
  The confirm message when opening an account
  Default: *language*Message.ConfirmAccountOpen
- **SBAM_ CustomerAccount.Message.ConfirmAccountClose**
  The confirm message when closing an account
  Default: *language*Message.ConfirmAccountClose
- **SBAM_ CustomerAccount.CurrencyAppendix**
  1 - a currency code is appended to the account number
  0 - the account number is stored as is
  Default: *settings*CurrencyAppendix
- **SBAM_ CustomerAccount.Use3DCurrencyCode**
  1 - a 3-dimensional currency code is stored instead of the ISO-currency
  0 - the ISO currency is stored

The ISO currencies and the mapping table to the currency codes
is defined in currency.properties
Default: *settings*Use3DCurrencyCode

- **SBAM_ CustomerAccount.Layout.ClassName**
  Hook for customer specific implementation

Field properties

```
SBAM_CustomerAccount.BankNo.Label = *language*BNO.Label
SBAM_CustomerAccount.BankNo.Size = *sizes*bno.size
SBAM_CustomerAccount.BankNo.MinSize = *sizes*bno.minsize
SBAM_CustomerAccount.BankNo.Visible = *layout*BNO.Visible
SBAM_CustomerAccount.BankNo.Enabled = 0
SBAM_CustomerAccount.BankNo.Mandatory = 1

SBAM_CustomerAccount.Country.Label = *language*CountryId.Label
SBAM_CustomerAccount.Country.Size = 3
SBAM_CustomerAccount.Country.MinSize = 1
SBAM_CustomerAccount.Country.Visible = *layout*CountryId.Visible
SBAM_CustomerAccount.Country.Enabled = 0
SBAM_CustomerAccount.Country.Mandatory = 1
SBAM_CustomerAccount.Country.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_CustomerAccount.Bankcode.Label = *language*Bankcode.Label
SBAM_CustomerAccount.Bankcode.Size = *sizes*bankcode.size
SBAM_CustomerAccount.Bankcode.MinSize = *sizes*bankcode.minsize
SBAM_CustomerAccount.Bankcode.Visible = *layout*Bankcode.Visible
SBAM_CustomerAccount.Bankcode.Enabled = 0
SBAM_CustomerAccount.Bankcode.Mandatory = 1
SBAM_CustomerAccount.Bankcode.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_CustomerAccount.CustomerType.Label = *language*Type.Label
SBAM_CustomerAccount.CustomerType.Size = 18
SBAM_CustomerAccount.CustomerType.MinSize = 0
SBAM_CustomerAccount.CustomerType.Visible = 1
SBAM_CustomerAccount.CustomerType.Enabled = 1
SBAM_CustomerAccount.CustomerType.Mandatory = 0

SBAM_CustomerAccount.ValuedCustomer.Label = *language*CustomerDlg.ValuedCustomer.Label
SBAM_CustomerAccount.ValuedCustomer.Size = 1
SBAM_CustomerAccount.ValuedCustomer.MinSize = 1
SBAM_CustomerAccount.ValuedCustomer.Visible = 1
SBAM_CustomerAccount.ValuedCustomer.Enabled = 1
SBAM_CustomerAccount.ValuedCustomer.Mandatory = 0

SBAM_CustomerAccount.AccountNo.Label = *language*AccountNo.Label
SBAM_CustomerAccount.AccountNo.Size = *sizes*accountno.size
SBAM_CustomerAccount.AccountNo.MinSize = *sizes*accountno.minsize
SBAM_CustomerAccount.AccountNo.Visible = *layout*AccountNo.Visible
SBAM_CustomerAccount.AccountNo.Enabled = 0
SBAM_CustomerAccount.AccountNo.Mandatory = 1
SBAM_CustomerAccount.AccountNo.Mask = *layout*AccountNo.Mask
SBAM_CustomerAccount.AccountNo.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal
SBAM_CustomerAccount.AccountNo.ConvertToUppercase = *layout*ConvertToUppercase

SBAM_CustomerAccount.AccountNo2.Label = *language*AccountNo2.Label
SBAM_CustomerAccount.AccountNo2.Size = *sizes*accountno2.size
SBAM_CustomerAccount.AccountNo2.MinSize = *sizes*accountno2.minsize
SBAM_CustomerAccount.AccountNo2.Visible = 0
SBAM_CustomerAccount.AccountNo2.Enabled = 0
```

```
SBAM_CustomerAccount.AccountNo2.Mandatory = 0
SBAM_CustomerAccount.AccountNo2.Mask = *layout*AccountNo2.Mask
SBAM_CustomerAccount.AccountNo2.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal
SBAM_CustomerAccount.AccountNo2.ConvertToUppercase = *layout*ConvertToUppercase

SBAM_CustomerAccount.Bic.Label = *language*Bic.Label
SBAM_CustomerAccount.Bic.Size = *sizes*bic.size
SBAM_CustomerAccount.Bic.MinSize = *sizes*bic.minsize
SBAM_CustomerAccount.Bic.Visible = 0
SBAM_CustomerAccount.Bic.Enabled = 1
SBAM_CustomerAccount.Bic.Mandatory = 0
SBAM_CustomerAccount.Bic.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_CustomerAccount.BranchCode.Label = *language*Branchcode.Label
SBAM_CustomerAccount.BranchCode.Size = *sizes*branchcode.size
SBAM_CustomerAccount.BranchCode.MinSize = *sizes*branchcode.minsize
SBAM_CustomerAccount.BranchCode.Visible = 1
SBAM_CustomerAccount.BranchCode.Enabled = 1
SBAM_CustomerAccount.BranchCode.Mandatory = 0
SBAM_CustomerAccount.BranchCode.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal

SBAM_CustomerAccount.AccountName.Label = *language*AccountName.Label
SBAM_CustomerAccount.AccountName.Size = *sizes*account.shortname.size
SBAM_CustomerAccount.AccountName.MinSize = *sizes*account.shortname.minsize
SBAM_CustomerAccount.AccountName.Visible = *layout*AccountName.Visible
SBAM_CustomerAccount.AccountName.Enabled = 1
SBAM_CustomerAccount.AccountName.Mandatory = 0

SBAM_CustomerAccount.Currency.Label = *language*Currency.Label
SBAM_CustomerAccount.Currency.Size = 7
SBAM_CustomerAccount.Currency.MinSize = 0
SBAM_CustomerAccount.Currency.Visible = 1
SBAM_CustomerAccount.Currency.Enabled = 1
SBAM_CustomerAccount.Currency.Mandatory = 0

SBAM_CustomerAccount.ASV.Label = *language*ASV.APIA.Label
SBAM_CustomerAccount.ASV.Size = 1
SBAM_CustomerAccount.ASV.MinSize = 1
SBAM_CustomerAccount.ASV.Visible = 1
SBAM_CustomerAccount.ASV.Enabled = 1
SBAM_CustomerAccount.ASV.Mandatory = 0

SBAM_CustomerAccount.AccountStatus.Label = *language*AccountDlg.AccountStatus.Label
SBAM_CustomerAccount.AccountStatus.Size = 1
SBAM_CustomerAccount.AccountStatus.MinSize = 1
SBAM_CustomerAccount.AccountStatus.Visible = 1
SBAM_CustomerAccount.AccountStatus.Enabled = *settings*AccountClose.Enabled
SBAM_CustomerAccount.AccountStatus.Mandatory = 0

SBAM_CustomerAccount.FreeText.Label = *language*Remarks.Label
SBAM_CustomerAccount.FreeText.Size = *sizes*freetext.size
SBAM_CustomerAccount.FreeText.MinSize = *sizes*freetext.minsize
SBAM_CustomerAccount.FreeText.Visible = 1
SBAM_CustomerAccount.FreeText.Enabled = 1
SBAM_CustomerAccount.FreeText.Mandatory = 0

SBAM_CustomerAccount.LastChanged.Label = *language*DateChanged
SBAM_CustomerAccount.LastChanged.Size = 20
SBAM_CustomerAccount.LastChanged.MinSize = 1
SBAM_CustomerAccount.LastChanged.Visible = 1
SBAM_CustomerAccount.LastChanged.Enabled = 0
SBAM_CustomerAccount.LastChanged.Mandatory = 0
```

```
SBAM_CustomerAccount.CustomerSince.Label = *language*CustomerSince.Label
SBAM_CustomerAccount.CustomerSince.Size = 20
SBAM_CustomerAccount.CustomerSince.MinSize = 1
SBAM_CustomerAccount.CustomerSince.Visible = 1
SBAM_CustomerAccount.CustomerSince.Enabled = 1
SBAM_CustomerAccount.CustomerSince.Mandatory = 0

SBAM_CustomerAccount.AccountOpened.Label = *language*AccountOpened.Label
SBAM_CustomerAccount.AccountOpened.Size = 20
SBAM_CustomerAccount.AccountOpened.MinSize = 1
SBAM_CustomerAccount.AccountOpened.Visible = 1
SBAM_CustomerAccount.AccountOpened.Enabled = 1
SBAM_CustomerAccount.AccountOpened.Mandatory = 0

SBAM_CustomerAccount.ZipCode.Label = *language*ZipCode.Label
SBAM_CustomerAccount.ZipCode.Size = 30
SBAM_CustomerAccount.ZipCode.MinSize = 1
SBAM_CustomerAccount.ZipCode.Visible = 1
SBAM_CustomerAccount.ZipCode.Enabled = 1
SBAM_CustomerAccount.ZipCode.Mandatory = 0
```

SBAM_CustomerAccountNew

Configuration for enabled fields when creating a new account.

- **SBAM_CustomerAccountNew.BankNo.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_CustomerAccountNew.Country.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 0

- **SBAM_CustomerAccountNew.Bankcode.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_CustomerAccountNew.CustomerType.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_CustomerAccountNew.ValuedCustomer.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_CustomerAccountNew.AccountNo.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_CustomerAccountNew.AccountNo2.Enabled**

1 - field is editable

0 - field is read only

Default: 1

- **SBAM_CustomerAccountNew.BranchCode.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_CustomerAccountNew.Bic.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_CustomerAccountNew.AccountName.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_CustomerAccountNew.Currency.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_CustomerAccountNew.ASV.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_CustomerAccountNew.AccountStatus.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 0

- **SBAM_CustomerAccountNew.FreeText.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_CustomerAccountNew.AccountOpened.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_CustomerAccountNew.ZipCode.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_CustomerAccountNew.CustomerSince.Enabled**

  1 - field is editable

0 - field is read only

Default: 1

- **SBAM_CustomerAccountNew.WindowTitle.Label**
  The title of the dialog
  Default: *language*AccountDlg.Title.New
- **SBAM_CustomerAccountNew.Message.AccountExist**
  Message when an account already exists
  Default: *language*Message.AccountExist

SBAM_CustomerAccountDisplay

Configuration for displaying an account read only.

- **SBAM_CustomerAccountDisplay.WindowTitle.Label**
  The title of the dialog
  Default: *language*AccountDlg.Title.Display

SBAM_CustomerAccountDelete

Configuration for the delete account dialog.

- **SBAM_CustomerAccountDelete.WindowTitle.Label**
  The title of the dialog
  Default: *language*AccountDlg.Title.Delete
- **SBAM_CustomerAccountDelete.DeleteButton.Text**
  The label of the delete button
  Default: *language*Button.Delete.Text
- **SBAM_CustomerAccountDelete.DeleteButton.Mnemonic**
  The shortcut of the Delete button
  Default: *language*Button.Delete.Mnemonic
- **SBAM_CustomerAccountDelete.DeleteButton.Icon**
  The icon of the Delete button
  Default: de/softpro/signplus/client/resources/gif/accountDelete.gif

Signatory dialog

This part describes the configuration of the signatory dialogs.

SBAM_Signatory

The general configuration of the signatory dialog.

- **SBAM_Signatory.WindowTitle.Label**
  The title of the dialog
  Default: *language*SignatoryDlg.Title.Edit
- **SBAM_Signatory.AssignScannedSignature**
  Assign a newly scanned signature automatically
  Default: 1

- **SBAM_Signatory.SignatoryTitle**
  The list of signatory titles
  Default: *language*SignatoryTitle
- **SBAM_Signatory.SignatoryPosition**
  The list of signatory positions
  Default: *language*SignatoryPosition
- **SBAM_Signatory.Rules.Count**
  Maximum number of rules displayed in the rule section
  Default: *settings*Rules.Count
- **SBAM_Signatory.Rendering**
  1 - signature is rendered (only in int steps)
  0 - signature is not rendered
  Default: *settings*Signature.Rendering
- **SBAM_Signatory.ShowHistorized**
  Show historized items in different way
  Default: *layout*ShowHistorized
- **SBAM_Signatory.NumberPadScan**
  The number of signature necessary for pad signature enrolment;
  only used if dynamic properties of the signature are stored
  Default: *settings*NumberOfPadReferences
- **SBAM_Signatory.StorePadSignature**
  1 - store pad signature to database if scanned from pad
  0 - store gray signature when scanned from pad
  Default: *settings*StorePadSignature
- **SBAM_Signatory.Message.NoCopyScan.Show**
  Message displayed if the user selects the source 'Scanned from other source'. The message will only be displayed if NoCopyScan.Show is set to 1.
  Default: *settings*NoCopyScan.Show
- **SBAM_Signatory.Message.NoCopyScan**
  If NoCopyScan.Show is set to 1 the message will be displayed.
  Default: *language*Message.NoCopyScan
- **SBAM_Signatory.Layout.ClassName**
  Hook for customer specific implementation

Button, field and border properties

```
#Buttons
SBAM_Signatory.AssignGroupButton.Text = *language*Button.AssignGroups.Text
SBAM_Signatory.AssignGroupButton.Mnemonic = *language*Button.AssignGroups.Mnemonic
SBAM_Signatory.AssignGroupButton.Icon = de/softpro/signplus/client/resources/gif/
group.gif
SBAM_Signatory.AssignGroupButton.Visible = *layout*Groups.Visible
SBAM_Signatory.AssignGroupButton.Tooltip =
 *language*SignatoryDlg.Button.AssignGroup.Tooltip

SBAM_Signatory.ComplexButton.Text = *language*Button.Complex.Text
```

```
SBAM_Signatory.ComplexButton.Mnemonic = *language*Button.Complex.Mnemonic
SBAM_Signatory.ComplexButton.Icon = de/softpro/signplus/client/resources/gif/rules.gif
SBAM_Signatory.ComplexButton.Visible = 1
SBAM_Signatory.ComplexButton.Tooltip = *language*SignatoryDlg.Button.Complex.Tooltip

SBAM_Signatory.ScanButton.Text = *language*Button.Scan.Text
SBAM_Signatory.ScanButton.Mnemonic = *language*Button.Scan.Mnemonic
SBAM_Signatory.ScanButton.Icon = de/softpro/signplus/client/resources/gif/
signatureScan.gif
SBAM_Signatory.ScanButton.Visible = 1
SBAM_Signatory.ScanButton.Tooltip = *language*SignatoryDlg.Button.Scan.Tooltip

SBAM_Signatory.ScanPadButton.Text = *language*Button.ScanPad.Text
SBAM_Signatory.ScanPadButton.Mnemonic = *language*Button.ScanPad.Mnemonic
SBAM_Signatory.ScanPadButton.Icon = de/softpro/signplus/client/resources/gif/
tablett.gif
SBAM_Signatory.ScanPadButton.Visible = *settings*ScanOnlyFromPad
SBAM_Signatory.ScanPadButton.Tooltip = *language*SignatoryDlg.Button.ScanPad.Tooltip

SBAM_Signatory.EditButton.Text = *language*Button.Edit.Text
SBAM_Signatory.EditButton.Mnemonic = *language*Button.Edit.Mnemonic
SBAM_Signatory.EditButton.Icon = de/softpro/signplus/client/resources/gif/
signatureEdit.gif
SBAM_Signatory.EditButton.Visible = 1
SBAM_Signatory.EditButton.Tooltip = *language*SignatoryDlg.Button.Edit.Tooltip

SBAM_Signatory.DeleteButton.Text = *language*Button.Delete.Text
SBAM_Signatory.DeleteButton.Mnemonic = *language*Button.Delete.Mnemonic
SBAM_Signatory.DeleteButton.Icon = de/softpro/signplus/client/resources/gif/
signatureDelete.gif
SBAM_Signatory.DeleteButton.Visible = 1
SBAM_Signatory.DeleteButton.Tooltip = *language*SignatoryDlg.Button.Delete.Tooltip

SBAM_Signatory.ScannedButton.Text = *language*Button.Scanned.Text
SBAM_Signatory.ScannedButton.Mnemonic = *language*Button.Scanned.Mnemonic
SBAM_Signatory.ScannedButton.Icon = de/softpro/signplus/client/resources/gif/
signatureScanned.gif
SBAM_Signatory.ScannedButton.Visible = 1
SBAM_Signatory.ScannedButton.Tooltip = *language*Button.Scanned.Tooltip

SBAM_Signatory.OriginalButton.Text = *language*Button.Original.Text
SBAM_Signatory.OriginalButton.Mnemonic = *language*Button.Original.Mnemonic
SBAM_Signatory.OriginalButton.Icon = de/softpro/signplus/client/resources/gif/
signature.gif
SBAM_Signatory.OriginalButton.Visible = 1
SBAM_Signatory.OriginalButton.Tooltip = *language*Button.Original.Tooltip

SBAM_Signatory.MonochromeButton.Text = *language*Button.Monochrome.Text
SBAM_Signatory.MonochromeButton.Mnemonic = *language*Button.Monochrome.Mnemonic
SBAM_Signatory.MonochromeButton.Icon = de/softpro/signplus/client/resources/gif/
monochrome.gif
SBAM_Signatory.MonochromeButton.Visible = 0
SBAM_Signatory.MonochromeButton.Tooltip = *language*Button.Monochrome.Tooltip

SBAM_Signatory.GrayButton.Text = *language*Button.Gray.Text
SBAM_Signatory.GrayButton.Mnemonic = *language*Button.Gray.Mnemonic
SBAM_Signatory.GrayButton.Icon = de/softpro/signplus/client/resources/gif/gray.gif
SBAM_Signatory.GrayButton.Visible = 0
SBAM_Signatory.GrayButton.Tooltip = *language*Button.Gray.Tooltip

#Fields
SBAM_Signatory.Title.Label = *language*SignatoryDlg.Title.Label
SBAM_Signatory.Title.Size = *sizes*title.size
SBAM_Signatory.Title.MinSize = 0
```

```
SBAM_Signatory.Title.Visible = 1
SBAM_Signatory.Title.Enabled = 1
SBAM_Signatory.Title.Mandatory = 0
SBAM_Signatory.Title.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_Signatory.SignatoryLName.Label = *language*SignatoryDlg.SignatoryLName.Label
SBAM_Signatory.SignatoryLName.Size = *sizes*lname.size
SBAM_Signatory.SignatoryLName.MinSize = *sizes*lname.minsize
SBAM_Signatory.SignatoryLName.Visible = 1
SBAM_Signatory.SignatoryLName.Enabled = 1
SBAM_Signatory.SignatoryLName.Mandatory = 1
SBAM_Signatory.SignatoryLName.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_Signatory.SignatoryFName.Label = *language*SignatoryDlg.SignatoryFName.Label
SBAM_Signatory.SignatoryFName.Size = *sizes*fname.size
SBAM_Signatory.SignatoryFName.MinSize = *sizes*fname.minsize
SBAM_Signatory.SignatoryFName.Visible = 1
SBAM_Signatory.SignatoryFName.Enabled = 1
SBAM_Signatory.SignatoryFName.Mandatory = 1
SBAM_Signatory.SignatoryFName.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_Signatory.SignatoryMName.Label = *language*SignatoryDlg.SignatoryMName.Label
SBAM_Signatory.SignatoryMName.Size = *sizes*mname.size
SBAM_Signatory.SignatoryMName.MinSize = 0
SBAM_Signatory.SignatoryMName.Visible = 1
SBAM_Signatory.SignatoryMName.Enabled = 1
SBAM_Signatory.SignatoryMName.Mandatory = 0
SBAM_Signatory.SignatoryMName.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_Signatory.DocRef.Label = *language*SignatoryDlg.DocRef.Label
SBAM_Signatory.DocRef.Size = 40
SBAM_Signatory.DocRef.MinSize = 0
SBAM_Signatory.DocRef.Visible = 1
SBAM_Signatory.DocRef.Enabled = 0
SBAM_Signatory.DocRef.Mandatory = 0

SBAM_Signatory.PersonalId.Label = *language*SignatoryDlg.PersonalId.Label
SBAM_Signatory.PersonalId.Size = *sizes*personalid.size
SBAM_Signatory.PersonalId.MinSize = 0
SBAM_Signatory.PersonalId.Visible = *layout*PersonalID.Visible
SBAM_Signatory.PersonalId.Enabled = 1
SBAM_Signatory.PersonalId.Mandatory = 0
SBAM_Signatory.PersonalId.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_Signatory.DateSigned.Label = *language*SignatoryDlg.DateSigned.Label
SBAM_Signatory.DateSigned.Size = 10
SBAM_Signatory.DateSigned.Visible = 1
SBAM_Signatory.DateSigned.Enabled = 1
SBAM_Signatory.DateSigned.Mandatory = 0

SBAM_Signatory.Birthdate.Label = *language*SignatoryDlg.Birthdate.Label
SBAM_Signatory.Birthdate.Size = 10
SBAM_Signatory.Birthdate.Visible = 1
SBAM_Signatory.Birthdate.Enabled = 1
SBAM_Signatory.Birthdate.Mandatory = 0

SBAM_Signatory.SignatoryRole.Label = *language*SignatoryDlg.SignatoryRole.Label
SBAM_Signatory.SignatoryRole.Visible = *layout*SignatoryRole.Visible
SBAM_Signatory.SignatoryRole.Enabled = 1
SBAM_Signatory.SignatoryRole.Mandatory = 0
SBAM_Signatory.SignatoryRole.Size = 18

SBAM_Signatory.Position.Label = *language*SignatoryDlg.Position.Label
SBAM_Signatory.Position.Size = *sizes*position.size
```

```
SBAM_Signatory.Position.MinSize = 0
SBAM_Signatory.Position.Visible = 1
SBAM_Signatory.Position.Enabled = 1
SBAM_Signatory.Position.Mandatory = 0
SBAM_Signatory.Position.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_Signatory.Type.Label = *language*Type.Label
SBAM_Signatory.Type.Size = 15
SBAM_Signatory.Type.Visible = *layout*SignatoryType.Visible
SBAM_Signatory.Type.Enabled = 0
SBAM_Signatory.Type.Mandatory = 0

SBAM_Signatory.Latin.Label = *language*SignatoryDlg.Latin.Label
SBAM_Signatory.Latin.Size = 15
SBAM_Signatory.Latin.Visible = *layout*SignatoryStyle.Visible
SBAM_Signatory.Latin.Enabled = 1
SBAM_Signatory.Latin.Mandatory = 0

SBAM_Signatory.ASV.Label = *language*ASV.Label
SBAM_Signatory.ASV.Size = 1
SBAM_Signatory.ASV.Visible = *layout*SignatoryASV.Visible
SBAM_Signatory.ASV.Enabled = 1
SBAM_Signatory.ASV.Mandatory = 0

SBAM_Signatory.Groups.Label = *language*SignatoryDlg.Groups.Label
SBAM_Signatory.Groups.Size = 30
SBAM_Signatory.Groups.Visible = *layout*Groups.Visible
SBAM_Signatory.Groups.Enabled = 1
SBAM_Signatory.Groups.Mandatory = 0

SBAM_Signatory.ValidFrom.Label = *language*ValidFrom.Label
SBAM_Signatory.ValidFrom.Size = 10
SBAM_Signatory.ValidFrom.Visible = 1
SBAM_Signatory.ValidFrom.Visible.Active = 0
SBAM_Signatory.ValidFrom.Enabled = 0
SBAM_Signatory.ValidFrom.Mandatory = 0

SBAM_Signatory.ValidTo.Label = *language*ValidTo.Label
SBAM_Signatory.ValidTo.Size = 10
SBAM_Signatory.ValidTo.Visible = 1
SBAM_Signatory.ValidTo.Visible.Active = 0
SBAM_Signatory.ValidTo.Enabled = 0
SBAM_Signatory.ValidTo.Mandatory = 0

SBAM_Signatory.VarValidFrom.Label = *language*VarValidFrom.Label
SBAM_Signatory.VarValidFrom.Size = 10
SBAM_Signatory.VarValidFrom.Visible = 1
SBAM_Signatory.VarValidFrom.Enabled = 0
SBAM_Signatory.VarValidFrom.Mandatory = 0

#controls in the rule section
SBAM_Signatory.Rules.Account.Label = *language*Account.Label
SBAM_Signatory.Rules.Account.Size = 2
SBAM_Signatory.Rules.Account.Visible = 1
SBAM_Signatory.Rules.Account.Enabled = 1
SBAM_Signatory.Rules.Account.Mandatory = 0

SBAM_Signatory.Rules.All.Label = *language*All.Label
SBAM_Signatory.Rules.All.Size = 1
SBAM_Signatory.Rules.All.Visible = 1
SBAM_Signatory.Rules.All.Enabled = 1
SBAM_Signatory.Rules.All.Mandatory = 0

SBAM_Signatory.Rules.Right.Label = *language*SignatoryDlg.Right.Label
```

```
SBAM_Signatory.Rules.Right.Size = 11
SBAM_Signatory.Rules.Right.Visible = 1
SBAM_Signatory.Rules.Right.Enabled = 1
SBAM_Signatory.Rules.Right.Mandatory = 0

SBAM_Signatory.Rules.Limit.Label = *language*SignatoryDlg.Limit.Label
SBAM_Signatory.Rules.Limit.Size = 11
SBAM_Signatory.Rules.Limit.Visible = 1
SBAM_Signatory.Rules.Limit.Enabled = 1
SBAM_Signatory.Rules.Limit.Mandatory = 0

SBAM_Signatory.Rules.MinAmount.Label = *language*SignatoryDlg.MinAmount.Label
SBAM_Signatory.Rules.MinAmount.Size = 11
SBAM_Signatory.Rules.MinAmount.Visible = 0
SBAM_Signatory.Rules.MinAmount.Enabled = 1
SBAM_Signatory.Rules.MinAmount.Mandatory = 0

SBAM_Signatory.Rules.Currency.Label = *language*Currency.Label
SBAM_Signatory.Rules.Currency.Size = 7
SBAM_Signatory.Rules.Currency.Visible = *layout*RuleCurrency.Visible
SBAM_Signatory.Rules.Currency.Enabled = 1
SBAM_Signatory.Rules.Currency.Mandatory = 0

SBAM_Signatory.Rules.LimitFrom.Label = *language*From.Label
SBAM_Signatory.Rules.LimitFrom.Size = 10
SBAM_Signatory.Rules.LimitFrom.Visible = 1
SBAM_Signatory.Rules.LimitFrom.Enabled = 1
SBAM_Signatory.Rules.LimitFrom.Mandatory = 0

SBAM_Signatory.Rules.LimitTo.Label = *language*Until.Label
SBAM_Signatory.Rules.LimitTo.Size = 10
SBAM_Signatory.Rules.LimitTo.Visible = 1
SBAM_Signatory.Rules.LimitTo.Enabled = 1
SBAM_Signatory.Rules.LimitTo.Mandatory = 0

# controls in the signature section
SBAM_Signatory.Signature.Quality.Label = *language*SignatoryDlg.Quality.Label
SBAM_Signatory.Signature.Quality.Size = 1
SBAM_Signatory.Signature.Quality.Visible = *layout*ShowQuality
SBAM_Signatory.Signature.Quality.Enabled = 1
SBAM_Signatory.Signature.Quality.Mandatory = 0

SBAM_Signatory.Signature.Source.Label = *language*SignatoryDlg.Source.Label
SBAM_Signatory.Signature.Source.Size = 20
SBAM_Signatory.Signature.Source.Visible = 1
SBAM_Signatory.Signature.Source.Enabled = 1
SBAM_Signatory.Signature.Source.Mandatory = 0

SBAM_Signatory.Signature.DateScanned.Label = *language*SignatoryDlg.DateScanned.Label
SBAM_Signatory.Signature.DateScanned.Size = 10
SBAM_Signatory.Signature.DateScanned.Visible = 1
SBAM_Signatory.Signature.DateScanned.Enabled = 1
SBAM_Signatory.Signature.DateScanned.Mandatory = 0

SBAM_Signatory.Signature.Type.Label = *language*SignatoryDlg.Signature.Type.Label
SBAM_Signatory.Signature.Type.Size = 30
SBAM_Signatory.Signature.Type.Visible = 1

SBAM_Signatory.Signature.Type.Mono.Label =
 *language*SignatoryDlg.Signature.Type.Mono.Label
SBAM_Signatory.Signature.Type.Gray.Label =
 *language*SignatoryDlg.Signature.Type.Gray.Label
SBAM_Signatory.Signature.Type.Pad.Label =
 *language*SignatoryDlg.Signature.Type.Pad.Label
```

```
SBAM_Signatory.Signature.Type.Color.Label =
 *language*SignatoryDlg.Signature.Type.Color.Label
SBAM_Signatory.Signature.Type.PColor.Label =
 *language*SignatoryDlg.Signature.Type.PColor.Label
SBAM_Signatory.Signature.Type.Unknown.Label =
 *language*SignatoryDlg.Signature.Type.Unknown.Label

#Other
SBAM_Signatory.Signatory.Border.Label = *language*SignatoryDlg.Signatory.Border.Label
SBAM_Signatory.Rules.Border.Label = *language*SignatoryDlg.Rules.Border.Label
SBAM_Signatory.NoGroups.Label = *language*SignatoryDlg.NoGroups.Label
SBAM_Signatory.NoSelection.Label = *language*SignatoryDlg.NoSelection.Label
SBAM_Signatory.ResolutionXLabel = *language*SignatoryDlg.ResolutionX.Label
SBAM_Signatory.ResolutionYLabel = *language*SignatoryDlg.ResolutionY.Label
SBAM_Signatory.HeightLabel = *language*SignatoryDlg.Height.Label
SBAM_Signatory.WidthLabel = *language*SignatoryDlg.Width.Label
SBAM_Signatory.BitDepthLabel = *language*SignatoryDlg.BitDepth.Label
SBAM_Signatory.BitmapTypeLabel = *language*SignatoryDlg.BitmapType.Label
```

SBAM_SignatoryNew

The configuration for enabled fields when creating a new signatory.

- **SBAM_SignatoryNew.Title.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_SignatoryNew.SignatoryLName.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_SignatoryNew.SignatoryFName.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_SignatoryNew.SignatoryMName.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_SignatoryNew.DocRef.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 0

- **SBAM_SignatoryNew.PersonalId.Enabled**

  1 - field is editable

  0 - field is read only

  Default: 1

- **SBAM_SignatoryNew.DateSigned.Enabled**

  1 - field is editable

  0 - field is read only

Default: 1
- **SBAM_SignatoryNew.Birthdate.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_SignatoryNew.SignatoryRole.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_SignatoryNew.Position.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_SignatoryNew.Latin.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_SignatoryNew.ASV.Enabled**
  1 - field is editable
  0 - field is read only
  Default: 1
- **SBAM_SignatoryNew.WindowTitle.Label**
  The title of the dialog
  Default: *language*SignatoryDlg.Title.New
- **SBAM_SignatoryNew.AutoSelectSingleRight**
  1 - single right is auto selected for new signatories
  Default: 0

SBAM_SignatoryDisplay

Configuration for displaying a signatory read only.
- **SBAM_SignatoryDisplay.WindowTitle.Label**
  The title of the dialog
  Default: *language*SignatoryDlg.Title.Display

SBAM_SignatoryDelete

Configuration for the delete signatory dialog.
- **SBAM_SignatoryDelete.WindowTitle.Label**
  The title of the dialog
  Default: *language*SignatoryDlg.Title.Delete
- **SBAM_SignatoryDelete.DeleteButton.Text**
  The label of the delete button

Default: *language*Button.Delete.Text

- **SBAM_SignatoryDelete.DeleteButton.Mnemonic**
  The shortcut of the Delete button
  Default: *language*Button.Delete.Mnemonic
- **SBAM_SignatoryDelete.DeleteButton.Icon**
  The icon of the Delete button
  Default: *language*Button.Delete.Mnemonic

Customer info panel

This panel shows general information about the currently loaded customer/account between the toolbar and the content panel. It is also displayed in the details dialogs of account, signatory and rule. Part of this panel is also the QuickSearch functionality which provides a customer- and account number field in which the user can enter a customer- or account number and load the customer/account directly by pressing the ENTER key.

- **SBAM_CustomerInfoPane.ShowCustomerButton.Visible**
  1 - show button for displaying detailed customer information
  Default: 1
- **SBAM_CustomerInfoPane.ShowCustomerButton.Icon**
  The icon of the button
  Default: de/softpro/signplus/client/resources/gif/customer.gif
- **SBAM_CustomerInfoPane.ShowCustomerButton.Tooltip**
  The tooltip of the button
  Default: *language*Button.Customer.Tooltip
- **SBAM_CustomerInfoPane.ShowAccountButton.Visible**
  1 - show button for displaying detailed account information (only visible when an account is loaded)
  Default: 1
- **SBAM_CustomerInfoPane.ShowAccountButton.Icon**
  The icon of the button
  Default: de/softpro/signplus/client/resources/gif/account.gif
- **SBAM_CustomerInfoPane.ShowAccountButton.Tooltip**
  The tooltip of the button
  Default: *language*Button.Account.Tooltip
- **SBAM_CustomerInfoPane.ClassName**
  Hook for customer specific implementation
- **SBAM_CustomerInfoPane.QuickSearch.Visible**
  1 - quick search is visible
  Default: *layout*QuickSearch.Visible
- **SBAM_CustomerInfoPane.QuickSearch.ForceFocus**
  1 - forces focus to first QuickSeach field
  Default: *layout*QuickSearch.ForceFocus
- **SBAM_CustomerInfoPane.QuickSearch.Message.TooManyResults**

The message which is displayed when there is more than one hit for the search

Default: *language*SBAM_CustomerInfoPane.QuickSearch.Message.TooManyResults

- **SBAM_CustomerInfoPane.QuickSearch.Message.SearchCriteriaInvalid**
  The message which is displayed when the search criteria is invalid

  Default: *language*SBAM_CustomerInfoPane.QuickSearch.Message.SearchCriteriaInvalid

Field properties

```
# Restriction text is displayed as tooltip when hovering over the icon
SBAM_CustomerInfoPane.CustomerRestriction.Label =
 *language*SignatoryList.CustomerRestriction.Label
SBAM_CustomerInfoPane.CustomerRestriction.Icon = de/softpro/signplus/client/resources/
gif/customerRestriction.gif
SBAM_CustomerInfoPane.CustomerRestriction.Visible = 1

# Restriction text is displayed as tooltip when hovering over the icon
SBAM_CustomerInfoPane.AccountRestriction.Label =
 *language*SignatoryList.AccountRestriction.Label
SBAM_CustomerInfoPane.AccountRestriction.Icon = de/softpro/signplus/client/resources/
gif/accountRestriction.gif
SBAM_CustomerInfoPane.AccountRestriction.Visible = 1

# The vip icon
SBAM_CustomerInfoPane.ValuedCustomer.Visible = 1
SBAM_CustomerInfoPane.ValuedCustomer.Icon =  de/softpro/signplus/client/resources/gif/
vip.gif
SBAM_CustomerInfoPane.ValuedCustomer.Label =
 *language*SignatoryList.ValuedCustomer.Label


# The number of signatories icon
SBAM_CustomerInfoPane.SignatoryNotifier.Visible = 1
SBAM_CustomerInfoPane.SignatoryNotifier.Icon =  de/softpro/signplus/client/resources/
gif/signatories.gif
SBAM_CustomerInfoPane.SignatoryNotifier.Label =
 *language*SignatoryList.NumberOfSignatories.Label

# The number of account attachments icon
SBAM_CustomerInfoPane.ImageNotifier.Visible = 1
SBAM_CustomerInfoPane.ImageNotifier.Icon =  de/softpro/signplus/client/resources/gif/
images.gif
SBAM_CustomerInfoPane.ImageNotifier.Label = *language*ImageList.NumberOfImages.Label

# The number of stock images icon
SBAM_CustomerInfoPane.CheckStockNotifier.Visible = 1
SBAM_CustomerInfoPane.CheckStockNotifier.Icon =  de/softpro/signplus/client/resources/
gif/checkstock.gif
SBAM_CustomerInfoPane.CheckStockNotifier.Label =
 *language*Checkstock.NumberOfChecks.Label

# The number of pdf documents icon
SBAM_CustomerInfoPane.PDFNotifier.Visible = 1
SBAM_CustomerInfoPane.PDFNotifier.Icon =  de/softpro/signplus/client/resources/gif/
pdfDocument.gif
SBAM_CustomerInfoPane.PDFNotifier.Label = *language*PDF.NumberOfDocuments.Label

SBAM_CustomerInfoPane.BankNo.Label = *language*BNO.Label
SBAM_CustomerInfoPane.BankNo.Visible = *layout*BNO.Visible
SBAM_CustomerInfoPane.BankNo.Mask =

SBAM_CustomerInfoPane.Country.Label = *language*CountryId.Label
```

```
SBAM_CustomerInfoPane.Country.Visible = 0
SBAM_CustomerInfoPane.Country.Mask =

SBAM_CustomerInfoPane.Bankcode.Label = *language*Bankcode.Label
SBAM_CustomerInfoPane.Bankcode.Visible = *layout*Bankcode.Visible
SBAM_CustomerInfoPane.Bankcode.Mask =

SBAM_CustomerInfoPane.CustomerNo.Label =
SBAM_CustomerInfoPane.QuickSearch.CustomerNo.Label = *language*CustomerNo.Label
SBAM_CustomerInfoPane.CustomerNo.Visible = *layout*CustomerNo.Visible
SBAM_CustomerInfoPane.CustomerNo.Mask = *layout*CustomerNo.Mask
SBAM_CustomerInfoPane.CustomerNo.Size = *sizes*customerno.size
SBAM_CustomerInfoPane.CustomerNo.MinSize = *sizes*customerno.minsize
SBAM_CustomerInfoPane.CustomerNo.Enabled = 1
SBAM_CustomerInfoPane.CustomerNo.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal
SBAM_CustomerInfoPane.CustomerNo.ConvertToUppercase = *layout*ConvertToUppercase

SBAM_CustomerInfoPane.CustomerName.Label = *language*Customer.Label
SBAM_CustomerInfoPane.CustomerName.Visible = *layout*CustomerName.Visible
SBAM_CustomerInfoPane.CustomerName.Mask =

SBAM_CustomerInfoPane.AccountNo.Label = *language*Account.Label
SBAM_CustomerInfoPane.QuickSearch.AccountNo.Label = *language*AccountNo.Label
SBAM_CustomerInfoPane.AccountNo.Visible = *layout*AccountNo.Visible
SBAM_CustomerInfoPane.AccountNo.Mask = *layout*AccountNo.Mask
SBAM_CustomerInfoPane.AccountNo.Size = *sizes*accountno.size
SBAM_CustomerInfoPane.AccountNo.MinSize = *sizes*accountno.minsize
SBAM_CustomerInfoPane.AccountNo.Enabled = 1
SBAM_CustomerInfoPane.AccountNo.AutomaticFocusTraversal =
 *layout*AutomaticFocusTraversal
SBAM_CustomerInfoPane.AccountNo.ConvertToUppercase = *layout*ConvertToUppercase

SBAM_CustomerInfoPane.AccountName.Label =
SBAM_CustomerInfoPane.AccountName.Visible = 0
SBAM_CustomerInfoPane.AccountName.Mask =

# The query date and status
SBAM_CustomerInfoPane.QueryStatus.Label = *language*SearchDlg.ValidAt.Label
SBAM_CustomerInfoPane.QueryStatus.Visible = 1
SBAM_CustomerInfoPane.QueryStatus.Mask =

# The account status is only displayed for closed accounts
SBAM_CustomerInfoPane.AccountStatus.Label =
SBAM_CustomerInfoPane.AccountStatus.Visible = 1
SBAM_CustomerInfoPane.AccountStatus.Mask =
SBAM_CustomerInfoPane.AccountStatus.Closed.Label =
 *language*SBAM_CustomerInfoPane.AccountStatus.Closed.Label
```

Details panels/dialogs

This part describes the configuration for the details of account attachments, stock images and pdf documents. The details are displayed read only in a panel beside the displayed image. By double-clicking in the panel a details dialog is opened where the user can edit the corresponding fields.

- **SBAM_AccountAttachmentDetails.Title**

  The title of the dialog

  Default: *language*SBAM_AccountAttachmentDetails.Title

- **SBAM_AccountAttachmentDetails.Tooltip.Text**

  The tooltip when hovering over the panel

Default: *language*SBAM_AccountAttachmentDetails.Tooltip.Text

- **SBAM_AccountAttachmentDetails.Layout.ClassName**
  Hook for customer specific implementation of the dialog
- **SBAM_AccountAttachmentDetailsPane.ClassName**
  Hook for customer specific implementation of the panel

1. Account attachments

Field properties (.Enabled setting only used in dialog)*

```
SBAM_SignInfoPane.ImageId.Label = *language*ImageId.Label
SBAM_SignInfoPane.ImageId.Size = *sizes*image.imageid.size
SBAM_SignInfoPane.ImageId.MinSize = *sizes*image.imageid.minsize
SBAM_SignInfoPane.ImageId.Visible = 1
SBAM_SignInfoPane.ImageId.Enabled = 1
SBAM_SignInfoPane.ImageId.Mask =
SBAM_SignInfoPane.ImageId.Mandatory = 0
SBAM_SignInfoPane.ImageId.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_SignInfoPane.Index.Label = *language*Index.Label
SBAM_SignInfoPane.Index.Size = *sizes*image.index.size
SBAM_SignInfoPane.Index.MinSize = *sizes*image.index.minsize
SBAM_SignInfoPane.Index.Visible = 1
SBAM_SignInfoPane.Index.Enabled = 1
SBAM_SignInfoPane.Index.Mask =
SBAM_SignInfoPane.Index.Mandatory = 0

SBAM_SignInfoPane.Documents.Label = *language*Documents.Label
SBAM_SignInfoPane.Documents.Size = *sizes*image.number.size
SBAM_SignInfoPane.Documents.MinSize = *sizes*image.number.minsize
SBAM_SignInfoPane.Documents.Visible = 1
SBAM_SignInfoPane.Documents.Enabled = 1
SBAM_SignInfoPane.Documents.Mask =
SBAM_SignInfoPane.Documents.Mandatory = 0

SBAM_SignInfoPane.ImageFreeText.Label = *language*Remarks.Label
SBAM_SignInfoPane.ImageFreeText.Size = *sizes*image.freetext.size
SBAM_SignInfoPane.ImageFreeText.MinSize = *sizes*image.freetext.minsize
SBAM_SignInfoPane.ImageFreeText.Visible = 1
SBAM_SignInfoPane.ImageFreeText.Enabled = 1
SBAM_SignInfoPane.ImageFreeText.Mask =
SBAM_SignInfoPane.ImageFreeText.Mandatory = 0
SBAM_SignInfoPane.ImageFreeText.Rows = 4

SBAM_SignInfoPane.ImageText1.Label = *language*ImageText1.Label
SBAM_SignInfoPane.ImageText1.Size = *sizes*image.text1.size
SBAM_SignInfoPane.ImageText1.MinSize = *sizes*image.text1.minsize
SBAM_SignInfoPane.ImageText1.Visible = 1
SBAM_SignInfoPane.ImageText1.Enabled = 1
SBAM_SignInfoPane.ImageText1.Mask =
SBAM_SignInfoPane.ImageText1.Mandatory = 0

SBAM_SignInfoPane.ImageText2.Label = *language*ImageText2.Label
SBAM_SignInfoPane.ImageText2.Size = *sizes*image.text2.size
SBAM_SignInfoPane.ImageText2.MinSize = *sizes*image.text2.minsize
SBAM_SignInfoPane.ImageText2.Visible = 1
SBAM_SignInfoPane.ImageText2.Enabled = 1
SBAM_SignInfoPane.ImageText2.Mask =
SBAM_SignInfoPane.ImageText2.Mandatory = 0

SBAM_SignInfoPane.DateScanned.Label = *language*DateScanned
```

```
SBAM_SignInfoPane.DateScanned.Size = 10
SBAM_SignInfoPane.DateScanned.MinSize = 10
SBAM_SignInfoPane.DateScanned.Visible = 1
SBAM_SignInfoPane.DateScanned.Enabled = 0
SBAM_SignInfoPane.DateScanned.Mask =
SBAM_SignInfoPane.DateScanned.Mandatory = 0

SBAM_SignInfoPane.DateChanged.Label = *language*DateChanged
SBAM_SignInfoPane.DateChanged.Size = 10
SBAM_SignInfoPane.DateChanged.MinSize = 10
SBAM_SignInfoPane.DateChanged.Visible = 1
SBAM_SignInfoPane.DateChanged.Enabled = 0
SBAM_SignInfoPane.DateChanged.Mask =
SBAM_SignInfoPane.DateChanged.Mandatory = 0

SBAM_SignInfoPane.ImageProcessed.Label = *language*ImageProcessed.Label
SBAM_SignInfoPane.ImageProcessed.Size = 1
SBAM_SignInfoPane.ImageProcessed.MinSize = 1
SBAM_SignInfoPane.ImageProcessed.Visible = 1
SBAM_SignInfoPane.ImageProcessed.Enabled = 1
SBAM_SignInfoPane.ImageProcessed.Mask =
SBAM_SignInfoPane.ImageProcessed.Mandatory = 0
```

2. Stock images

- **CheckstockImageViewer.Windows.Details.Title**
  The title of the dialog
  Default: *language*Checkstock.Windows.Details.Title
- **CheckstockImageViewer.Border.Details.Visible**
  1 - details border is visible
  Default: 1
- **CheckstockImageViewer.Border.Details.Label**
  The title of the details border
  Default: *language*Checkstock.Border.Details.Label
- **CheckstockImageViewer.Instructions.Visible**
  1 - instructions panel is visible
  Default: 1
- **CheckstockImageViewer.Border.Instructions.Visible**
  1 - instruction border is visible
  Default: 1
- **CheckstockImageViewer.Border.Instructions.Label**
  The title of the instructions border
  Default: *language*Instruction.Label
- **CheckstockImageViewer.Message.AskDeleteStockimage**
  The confirm message when deleting a stock image
  Default: *language*Message.AskDeleteStockimage
- **CheckstockImageViewer.Tooltip.Text**
  The tooltip when hovering over the panel
  Default: *language*CheckstockImageViewer.Tooltip.Text

Field properties (*.Enabled setting only used in dialog)

```
CheckstockImageViewer.DocId.Label = *language*Checkstock.DocId
CheckstockImageViewer.DocId.Size = *sizes*stockimage.docid.size
CheckstockImageViewer.DocId.MinSize = *sizes*stockimage.docid.minsize
CheckstockImageViewer.DocId.Visible = 1
CheckstockImageViewer.DocId.Enabled = 1
CheckstockImageViewer.DocId.Mandatory = 1
CheckstockImageViewer.DocId.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

CheckstockImageViewer.Apia.Label = *language*Checkstock.Apia
CheckstockImageViewer.Apia.Visible = 1
CheckstockImageViewer.Apia.Enabled = 1

CheckstockImageViewer.ValidFrom.Label = *language*Checkstock.ValidFrom
CheckstockImageViewer.ValidFrom.Visible = 1
CheckstockImageViewer.ValidFrom.Enabled = 1
CheckstockImageViewer.ValidFrom.Mandatory = 1

CheckstockImageViewer.ExpiryDate.Label = *language*Checkstock.ExpiryDate
CheckstockImageViewer.ExpiryDate.Visible = 0
CheckstockImageViewer.ExpiryDate.Enabled = 0
CheckstockImageViewer.ExpiryDate.Mandatory = 0

CheckstockImageViewer.DateScanned.Label = *language*Checkstock.DateScanned
CheckstockImageViewer.DateScanned.Visible = 1
CheckstockImageViewer.DateScanned.Enabled = 1
CheckstockImageViewer.DateScanned.Mandatory = 0

CheckstockImageViewer.ImageTypes = *lists*ImageTypes
CheckstockImageViewer.ImageTypes.Label = *language*Checkstock.ImageTypes
CheckstockImageViewer.ImageTypes.Visible = 1
CheckstockImageViewer.ImageTypes.Enabled = 1

CheckstockImageViewer.ValidTo.Label = *language*ValidTo.Label
CheckstockImageViewer.ValidTo.Size = 10
CheckstockImageViewer.ValidTo.Visible = 1
CheckstockImageViewer.ValidTo.Enabled = 1
CheckstockImageViewer.ValidTo.Mandatory = 0

CheckstockImageViewer.Instruction.Label = *language*Instruction.Label
CheckstockImageViewer.Instruction.Size = 10
CheckstockImageViewer.Instruction.Visible = 1
CheckstockImageViewer.Instruction.Enabled = 1
CheckstockImageViewer.Instruction.Mandatory = 0

CheckstockImageViewer.Text.Label = *language*SignatoryDlg.InstructionText.Label
CheckstockImageViewer.Text.Size = *sizes*instrtext.size
CheckstockImageViewer.Text.Visible = 1
CheckstockImageViewer.Text.Enabled = 1
CheckstockImageViewer.Text.Mandatory = 0
CheckstockImageViewer.Text.Rows = 4

CheckstockImageViewer.User.Label = *language*SignatoryDlg.User.Label
CheckstockImageViewer.User.Size = *sizes*userid.size
CheckstockImageViewer.User.Visible = 1
CheckstockImageViewer.User.Enabled = 0
CheckstockImageViewer.User.Mandatory = 0
```

3. PDF documents

- **SBAM_PDFDetails.Title**
  The title of the dialog
  Default: *language*SBAM_PDFDetails.Title

- **SBAM_PDFDetails.Border.Title**
  The title of the border
  Default: *language*SBAM_PDFDetails.Border.Title
- **SBAM_PDFDetails.Tooltip.Text**
  The tooltip when hovering over the panel
  Default: *language*SBAM_PDFDetails.Tooltip.Text

Field properties (.Enabled setting only used in dialog)*

```
SBAM_PDFDetails.DocId.Label=*language*SBAM_PDFDetails.DocId.Label
SBAM_PDFDetails.DocId.Size=20
SBAM_PDFDetails.DocId.MinSize=0
SBAM_PDFDetails.DocId.Visible=1
SBAM_PDFDetails.DocId.Enabled=1
SBAM_PDFDetails.DocId.Mandatory=1
SBAM_PDFDetails.DocId.AutomaticFocusTraversal=0

SBAM_PDFDetails.ImageId.Label=*language*SBAM_PDFDetails.ImageId.Label
SBAM_PDFDetails.ImageId.Size=*sizes*image.imageid.size
SBAM_PDFDetails.ImageId.MinSize=*sizes*image.imageid.minsize
SBAM_PDFDetails.ImageId.Visible=1
SBAM_PDFDetails.ImageId.Enabled=1
SBAM_PDFDetails.ImageId.Mandatory=0
SBAM_PDFDetails.ImageId.AutomaticFocusTraversal=0

SBAM_PDFDetails.ImageSortNo.Label=*language*SBAM_PDFDetails.ImageSortNo.Label
SBAM_PDFDetails.ImageSortNo.Size=*sizes*image.index.size
SBAM_PDFDetails.ImageSortNo.MinSize=*sizes*image.index.minsize
SBAM_PDFDetails.ImageSortNo.Visible=1
SBAM_PDFDetails.ImageSortNo.Enabled=1
SBAM_PDFDetails.ImageSortNo.Mandatory=0
SBAM_PDFDetails.ImageSortNo.AutomaticFocusTraversal=0

SBAM_PDFDetails.ImageText1.Label=*language*SBAM_PDFDetails.ImageText1.Label
SBAM_PDFDetails.ImageText1.Size=*sizes*image.text1.size
SBAM_PDFDetails.ImageText1.MinSize=*sizes*image.text1.minsize
SBAM_PDFDetails.ImageText1.Visible=1
SBAM_PDFDetails.ImageText1.Enabled=1
SBAM_PDFDetails.ImageText1.Mandatory=0
SBAM_PDFDetails.ImageText1.AutomaticFocusTraversal=0

SBAM_PDFDetails.ImageText2.Label=*language*SBAM_PDFDetails.ImageText2.Label
SBAM_PDFDetails.ImageText2.Size=*sizes*image.text2.size
SBAM_PDFDetails.ImageText2.MinSize=*sizes*image.text2.minsize
SBAM_PDFDetails.ImageText2.Visible=1
SBAM_PDFDetails.ImageText2.Enabled=1
SBAM_PDFDetails.ImageText2.Mandatory=0
SBAM_PDFDetails.ImageText2.AutomaticFocusTraversal=0

SBAM_PDFDetails.ImageFreeText.Label=*language*SBAM_PDFDetails.ImageFreeText.Label
SBAM_PDFDetails.ImageFreeText.Size=*sizes*image.freetext.size
SBAM_PDFDetails.ImageFreeText.MinSize=*sizes*image.freetext.minsize
SBAM_PDFDetails.ImageFreeText.Visible=1
SBAM_PDFDetails.ImageFreeText.Enabled=1
SBAM_PDFDetails.ImageFreeText.Mandatory=0
SBAM_PDFDetails.ImageFreeText.Rows = 4
SBAM_PDFDetails.Dialog.ImageFreeText.Rows = 4

SBAM_PDFDetails.DateScanned.Label=*language*SBAM_PDFDetails.DateScanned.Label
SBAM_PDFDetails.DateScanned.Size=10
SBAM_PDFDetails.DateScanned.MinSize=10
```

```
SBAM_PDFDetails.DateScanned.Visible=1
SBAM_PDFDetails.DateScanned.Enabled=1
SBAM_PDFDetails.DateScanned.Mandatory=0
SBAM_PDFDetails.DateScanned.AutomaticFocusTraversal=0

SBAM_PDFDetails.DateChanged.Label = *language*SBAM_PDFDetails.DateChanged.Label
SBAM_PDFDetails.DateChanged.Size = 10
SBAM_PDFDetails.DateChanged.MinSize = 10
SBAM_PDFDetails.DateChanged.Visible = 1
SBAM_PDFDetails.DateChanged.Enabled = 0
SBAM_PDFDetails.DateChanged.Mandatory = 0
SBAM_PDFDetails.DateChanged.AutomaticFocusTraversal=0

SBAM_PDFDetails.ImageProcessed.Label = *language*SBAM_PDFDetails.ImageProcessed.Label
SBAM_PDFDetails.ImageProcessed.Visible = 1
SBAM_PDFDetails.ImageProcessed.Enabled = 1
```

Instruction panel

The instruction panel is a sub panel used in the signatory dialog SBAM_Signatory.

Field and border properties

```
SBAM_InstructionPane.ValidTo.Label = *language*ValidTo.Label
SBAM_InstructionPane.ValidTo.Size = 10
SBAM_InstructionPane.ValidTo.Visible = 1
SBAM_InstructionPane.ValidTo.Enabled = 1
SBAM_InstructionPane.ValidTo.Mandatory = 0

SBAM_InstructionPane.Instruction.Label = *language*Instruction.Label
SBAM_InstructionPane.Instruction.Size = 10
SBAM_InstructionPane.Instruction.Visible = 1
SBAM_InstructionPane.Instruction.Enabled = 1
SBAM_InstructionPane.Instruction.Mandatory = 0

SBAM_InstructionPane.Text.Label = *language*SignatoryDlg.InstructionText.Label
SBAM_InstructionPane.Text.Size = *sizes*instrtext.size
SBAM_InstructionPane.Text.Visible = 1
SBAM_InstructionPane.Text.Enabled = 1
SBAM_InstructionPane.Text.Mandatory = 0

SBAM_InstructionPane.User.Label = *language*SignatoryDlg.User.Label
SBAM_InstructionPane.User.Size = *sizes*userid.size
SBAM_InstructionPane.User.Visible = 0
SBAM_InstructionPane.User.Enabled = 0
SBAM_InstructionPane.User.Mandatory = 0

SBAM_InstructionPane.Border.Label = *language*Instruction.Label
SBAM_InstructionPane.Border.Visible = 1
```

Restriction panel

The restriction panel is a sub panel used in the customer and account dialogs SBAM_Customer, SBAM_Account and SBAM_CustomerAccount.

Field and border properties

```
SBAM_RestrictionPane.ValidTo.Label = *language*ValidTo.Label
SBAM_RestrictionPane.ValidTo.Size = 10
```

```
SBAM_RestrictionPane.ValidTo.Visible = 1
SBAM_RestrictionPane.ValidTo.Enabled = 1
SBAM_RestrictionPane.Instruction.Label = *language*Restriction.Label
SBAM_RestrictionPane.Instruction.Size = 10
SBAM_RestrictionPane.Instruction.Visible = 1
SBAM_RestrictionPane.Instruction.Enabled = 1
SBAM_RestrictionPane.Text.Label = *language*CustomerDlg.RestrictionText.Label
SBAM_RestrictionPane.Text.Size = *sizes*resttext.size
SBAM_RestrictionPane.Text.Visible = 1
SBAM_RestrictionPane.Text.Enabled = 1
SBAM_RestrictionPane.User.Label = *language*CustomerDlg.User.Label
SBAM_RestrictionPane.User.Size = *sizes*userid.size
SBAM_RestrictionPane.User.Visible = 0
SBAM_RestrictionPane.User.Enabled = 0

SBAM_RestrictionPane.Border.Label = *language*Restriction.Label
SBAM_RestrictionPane.Border.Visible = 1
```

Other dialogs

This part describes the configuration of other dialogs who could be relevant for customization.

Login dialog

The configuration for the Login dialog.
- **SBAM_Login.WindowTitle.Label**
  The title of the dialog
  Default: *language*Title.Login
- **SBAM_Login.User.Border.Label**
  The title of the user border
  Default: *language*User.Border.Label
- **SBAM_Login.Pwd.Border.Label**
  The title of the password border
  Default: *language*NewPassword.Border.Label
- **SBAM_Login.Message**
  An additional message can be displayed in a text area of the login dialog
  Default: *language*SBAM_Login.Message
- **SBAM_Login.Message.Rows**
  Number of rows of the message textarea
  Default: 5

Field properties

```
SBAM_Login.UserId.Label = *language*UserId.Label
SBAM_Login.UserId.Size = *sizes*userid.size
SBAM_Login.UserId.MinSize = *sizes*userid.minsize
SBAM_Login.UserId.Visible = 1
SBAM_Login.UserId.Enabled = 1
SBAM_Login.UserId.Mandatory = 1
SBAM_Login.UserId.ClassName=

SBAM_Login.Pwd.Label = *language*Password.Label
SBAM_Login.Pwd.Size = *sizes*password.size
SBAM_Login.Pwd.MinSize = *sizes*password.minsize
```

```
SBAM_Login.Pwd.Visible = 1
SBAM_Login.Pwd.Enabled = 1
SBAM_Login.Pwd.Mandatory = 1
SBAM_Login.Pwd.ClassName =

SBAM_Login.NewPwd.Label = *language*NewPassword.Label
SBAM_Login.NewPwd.Size = *sizes*password.size
SBAM_Login.NewPwd.MinSize = *sizes*password.minsize
SBAM_Login.NewPwd.Visible = 1
SBAM_Login.NewPwd.Enabled = 1
SBAM_Login.NewPwd.Mandatory = 0
SBAM_Login.NewPwd.ClassName=

SBAM_Login.PwdConfirm.Label = *language*Confirmation.Label
SBAM_Login.PwdConfirm.Size = *sizes*password.size
SBAM_Login.PwdConfirm.MinSize = *sizes*password.minsize
SBAM_Login.PwdConfirm.Visible = 1
SBAM_Login.PwdConfirm.Enabled = 0
SBAM_Login.PwdConfirm.Mandatory = 1
SBAM_Login.PwdConfirm.ClassName =
```

Import documents (AIS)

The configuration of the import documents (from AIS) dialog.

- **SBAM_Import.ImageRequestType**
  Default: *settings*Archive.ImageRequestType
- **SBAM_Import.Title.Label**
  The title of the dialog
  Default: *language*Import.Label
- **SBAM_Import.StopImport.Label**
  The label for the stop import button
  Default: *language*Menu.StopImport.Label
- **SBAM_Import.StopImport.Mnemonic**
  The shortcut for the stop import button
  Default: *language*Menu.StopImport.Mnemonic

Field properties

```
SBAM_Import.CountryId.Label = *language*CountryId.Label
SBAM_Import.CountryId.Size = *sizes*countryid.size
SBAM_Import.CountryId.MinSize = *sizes*countryid.minsize
SBAM_Import.CountryId.Visible = *layout*CountryId.Visible
SBAM_Import.CountryId.Enabled = 0
SBAM_Import.CountryId.Mandatory = 1
SBAM_Import.CountryId.Mask =
SBAM_Import.CountryId.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_Import.BankCode.Label = *language*Bankcode.Label
SBAM_Import.BankCode.Size = *sizes*bankcode.size
SBAM_Import.BankCode.MinSize = *sizes*bankcode.minsize
SBAM_Import.BankCode.Visible = *layout*Bankcode.Visible
SBAM_Import.BankCode.Enabled = 1
SBAM_Import.BankCode.Mandatory = 1
SBAM_Import.BankCode.Mask =
SBAM_Import.BankCode.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_Import.CustomerNo.Label = *language*CustomerNo.Label
```

```
SBAM_Import.CustomerNo.Size = *sizes*customerno.size
SBAM_Import.CustomerNo.MinSize = *sizes*customerno.minsize
SBAM_Import.CustomerNo.Visible = *layout*CustomerNo.Visible
SBAM_Import.CustomerNo.Enabled = 1
SBAM_Import.CustomerNo.Mandatory = 0
SBAM_Import.CustomerNo.Mask = *layout*CustomerNo.Mask
SBAM_Import.CustomerNo.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal
SBAM_Import.CustomerNo.ConvertToUppercase = *layout*ConvertToUppercase

SBAM_Import.AccountNo.Label = *language*AccountNo.Label
SBAM_Import.AccountNo.Size = *sizes*accountno.size
SBAM_Import.AccountNo.MinSize = *sizes*accountno.minsize
SBAM_Import.AccountNo.Visible = 1
SBAM_Import.AccountNo.Enabled = 1
SBAM_Import.AccountNo.Mandatory = 0
SBAM_Import.AccountNo.Mask = *layout*AccountNo.Mask
SBAM_Import.AccountNo.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal
SBAM_Import.AccountNo.ConvertToUppercase = *layout*ConvertToUppercase

SBAM_Import.PersonalID.Label = *language*SearchDlg.PersonalID.Label
SBAM_Import.PersonalID.Size = *sizes*personalid.size
SBAM_Import.PersonalID.MinSize = *sizes*personalid.minsize
SBAM_Import.PersonalID.Visible = *layout*PersonalID.Visible
SBAM_Import.PersonalID.Enabled = 1
SBAM_Import.PersonalID.Mandatory = 0
SBAM_Import.PersonalID.Mask = *layout*PersonalID.Mask
SBAM_Import.PersonalID.AutomaticFocusTraversal = *layout*AutomaticFocusTraversal

SBAM_Import.Batch.Label = *language*SearchDlg.Batch.Label
SBAM_Import.Batch.Size = 1
SBAM_Import.Batch.MinSize = 1
SBAM_Import.Batch.Visible = 1
SBAM_Import.Batch.Enabled = 1
SBAM_Import.Batch.Mandatory = 0
SBAM_Import.Batch.Mask =

SBAM_Import.ReadOnly.Label = *language*SearchDlg.ReadOnly.Label
SBAM_Import.ReadOnly.Size = 1
SBAM_Import.ReadOnly.MinSize = 1
SBAM_Import.ReadOnly.Visible = 0
SBAM_Import.ReadOnly.Enabled = 1
SBAM_Import.ReadOnly.Mandatory = 0
SBAM_Import.ReadOnly.Mask =
```

Choose cut options

This part describes the configuration of the choose cut options dialog when masking an image.

- **SBAM_ChooseCutOptions.WindowTitle.Label**
  The title of the dialog
  Default: *language*ChooseCutOptionsDlg.Title
- **SBAM_ChooseCutOptions.Border.Label**
  The actions border label
  Default: *language*ChooseCutOptionsDlg.Options.Border.Label
- **SBAM_ChooseCutOptions.DefaultOption**
  Default option
  0 - New image
  1 - New signatory

2 - Update signatory

3 - New checkstock

Default: 0

Field properties

```
SBAM_ChooseCutOptions.NewImage.Label = *language*Options.NewImage.Label
SBAM_ChooseCutOptions.NewImage.Visible = *layout*Options.NewImage.Visible

SBAM_ChooseCutOptions.ReplaceImage.Label = *language*Options.ReplaceImage.Label
SBAM_ChooseCutOptions.ReplaceImage.Visible = *layout*Options.ReplaceImage.Visible

SBAM_ChooseCutOptions.NewSignatory.Label = *language*Options.NewSignatory.Label
SBAM_ChooseCutOptions.NewSignatory.Visible = *layout*Options.NewSignatory.Visible

SBAM_ChooseCutOptions.ReplaceSignatory.Label = *language*Options.ReplaceSignatory.Label
SBAM_ChooseCutOptions.ReplaceSignatory.Visible =
 *layout*Options.ReplaceSignatory.Visible

SBAM_ChooseCutOptions.NoCleaning.Label = *language*Options.NoCleaning.Label
SBAM_ChooseCutOptions.NoCleaning.Visible = *layout*Options.NoCleaning.Visible

SBAM_ChooseCutOptions.NewCheckstock.Label = *language*Options.NewCheckstock.Label
SBAM_ChooseCutOptions.NewCheckstock.Visible = *layout*Options.NewCheckstock.Visible

SBAM_ChooseCutOptions.NewVariant.Label = *language*Options.NewVariant.Label
SBAM_ChooseCutOptions.NewVariant.Visible = *layout*Options.NewVariant.Visible

SBAM_ChooseCutOptions.Options.NewImage.Force.Invisibility =
 *layout*Options.NewImage.Force.Invisibility
SBAM_ChooseCutOptions.NoOptionsAvailable.Label = *language*NoOptionsAvailable.Label
```

XML export options

This part describes the configuration of the image export options dialog when exporting a customer to xml.

- **SBAM_XML_ExportOptions.WindowTitle.Label**
  The title of the dialog
  Default: *language*XML_ExportOptionsDlg.Title
- **SBAM_XML_ExportOptions.Border.Label**
  The title of the border
  Default: *language*XML_ExportOptionsDlg.ImageFormats.Label
- **SBAM_XML_ExportOptions.Resolution.Label**
  The title of the resolutions border
  Default: *language*XML_ExportOptionsDlg.Resolution.Label

Field properties

```
SBAM_XML_ExportOptions.Images.Label = *language*Options.ExportImages.Label
SBAM_XML_ExportOptions.Images.Visible = 1

SBAM_XML_ExportOptions.BmpOS2.Label = *language*Options.BmpOS2.Label
SBAM_XML_ExportOptions.BmpOS2.Visible = 1

SBAM_XML_ExportOptions.BmpWin.Label = *language*Options.BmpWin.Label
SBAM_XML_ExportOptions.BmpWin.Visible = 1
```

```
SBAM_XML_ExportOptions.Tiff.Label = *language*Options.Tiff.Label
SBAM_XML_ExportOptions.Tiff.Visible = 1

SBAM_XML_ExportOptions.SignPlus.Label = *language*Options.SignPlus.Label
SBAM_XML_ExportOptions.SignPlus.Visible = 1

SBAM_XML_ExportOptions.Reduced.Label = *language*Options.Reduced.Label
SBAM_XML_ExportOptions.Reduced.Visible = 1

SBAM_XML_ExportOptions.Watermark.Label = *language*Options.Watermark.Label
SBAM_XML_ExportOptions.Watermark.Visible = 1
```

Historizing

This part describes the configuration of fields which triggers a historizing event when updated by the user.

The <business_object>.<field>.Historize setting means

1 - field change triggers historizing event

0 - field change doesn't trigger historizing event

```
# SB_Customer fields
SB_Customer.BankCode.Historize = 1
SB_Customer.BankNo.Historize = 1
SB_Customer.CountryId.Historize = 1
SB_Customer.CustomerNo.Historize = 1
SB_Customer.CustomerSince.Historize = 0
SB_Customer.ShortName.Historize = 0
SB_Customer.AsvEnabled.Historize = 1
SB_Customer.CustomerType.Historize = 0
SB_Customer.RestrictionCode.Historize = 1
SB_Customer.RestrictionDate.Historize = 1
SB_Customer.RestrictionText.Historize = 1
SB_Customer.Vip.Historize = 1

# SB_Account fields
SB_Account.AccountNo.Historize = 1
SB_Account.AccountNo2.Historize = 1
SB_Account.BIC.Historize = 1
SB_Account.AccountOpened.Historize = 0
SB_Account.BranchCode.Historize = 1
SB_Account.ShortName.Historize = 0
SB_Account.ZipCode.Historize = 0
SB_Account.AccountStatus.Historize = 1
SB_Account.AsvEnabled.Historize = 1
SB_Account.Currency.Historize = 1
SB_Account.FreeText.Historize = 0
SB_Account.RestrictionCode.Historize = 1
SB_Account.RestrictionDate.Historize = 1
SB_Account.RestrictionText.Historize = 1

# SB_Signatory fields
SB_Signatory.AsvEnabled.Historize = 1
SB_Signatory.BirthDate.Historize = 0
SB_Signatory.DateSigned.Historize = 0
SB_Signatory.FirstName.Historize = 0
SB_Signatory.LastName.Historize = 0
SB_Signatory.MiddleName.Historize = 0
```

```
SB_Signatory.InstructionCode.Historize = 1
SB_Signatory.InstructionDate.Historize = 1
SB_Signatory.InstructionText.Historize = 1
SB_Signatory.PersonalId.Historize = 1
SB_Signatory.Position.Historize = 0
SB_Signatory.SignatoryRole.Historize = 0
SB_Signatory.SignatureLocation.Historize = 1
SB_Signatory.SignatureStyle.Historize = 1
SB_Signatory.Title.Historize = 0

# SB_Variant fields
# NOTE: changing the varLinkedTo field will always be historized!
# NOTE: uses fields from SB_Signatory!
SB_Variant.VarValidFrom.Historize = 0

# SB_Signature fields
# NOTE: changing the image itself will always be historized!
# NOTE: the field DateScanned is also used by SB_AccountImage
# and SB_PDFDocument objects!
SB_Signature.DateScanned.Historize = 0
SB_Signature.Quality.Historize = 0
SB_Signature.Source.Historize = 0

# SB_Rule fields
SB_Rule.Account.Historize = 1
SB_Rule.Amount.Historize = 1
SB_Rule.MinAmount.Historize = 1
SB_Rule.Currency.Historize = 1
SB_Rule.Group.Historize = 1
SB_Rule.Power.Historize = 1
SB_Rule.Signatory.Historize = 1
SB_Rule.TimeLimitFrom.Historize = 1
SB_Rule.TimeLimitTo.Historize = 1

# SB_Group fields
SB_Group.Description.Historize = 0

# SB_Image fields
# NOTE: changing the image itself will always be historized!
# NOTE: the field DocumentId is used by SB_AccountImage,
# SB_PDFDocument and SB_CheckstockImage objects!
SB_Image.DocumentId.Historize = 0

# SB_AccountImage fields
SB_AccountImage.FreeText.Historize = 0
SB_AccountImage.ImageId.Historize = 0
SB_AccountImage.ImageStatus.Historize = 0
SB_AccountImage.ImageText1.Historize = 0
SB_AccountImage.ImageText2.Historize = 0
SB_AccountImage.SortNo.Historize = 0

# SB_PDFDocument fields
# NOTE: uses all fields from SB_AccountImage!

# SB_CheckstockImage fields
SB_CheckstockImage.ApiaEnabled.Historize = 1
SB_CheckstockImage.CheckstockImageType.Historize = 1
SB_CheckstockImage.ImgDateExpiry.Historize = 0
SB_CheckstockImage.ImgDateScanned.Historize = 0
SB_CheckstockImage.ImgValidFrom.Historize = 0
SB_CheckstockImage.InstructionCode.Historize = 1
SB_CheckstockImage.InstructionDate.Historize = 1
SB_CheckstockImage.InstructionText.Historize = 1
```

Extension specification

This part describes the configuration of extension specification.

All extensions in the system should be configured here for two reasons

- extensions configured here are automatically created when saving workspace to avoid data inconsistency

- everybody has a fast overview about the extensions used in the system

See also EasyExtensions for an example configuration.

```
# Extensions should be specified in the following way
# ExtensionSpecification.Extensions = ExtName1 ExtName2 ...
# ExtensionSpecification.ExtName1.ID = <ID used to store the extension in database>

# ExtensionSpecification.ExtName1.Type = <the type identifier (0-7)>
# The following values are possible for type
# 1=Char, 2=Char-Binary, 3=SmallInt, 4=Integer, 5=Decimal, 6=Date, 7=String

# ExtensionSpecification.ExtName1.Relation = <the object type the relation belongs #
 to>
# The following object types are possible
# C=Customer A=Account Y=Signatory
# G=Groupin S=Signature R=Rule
# L=Rule_Group I=Account_Image D=Document
# K=Mask U=User P=StockImage

# ExtensionSpecification.ExtName1.Default = <the default value used when an     #
 extension is created>

# In core empty
ExtensionSpecification.Extensions =

# Overwrites the default behavior of creating a new Date() when an empty Date is
# passed to the Extension
SB_ExtendedField.AllowEmptyDate = *settings*SB_ExtendedField.AllowEmptyDate
```

Miscellaneous

Scanner

This part describes the configuration of the scanner interface.

- **Scanner.Message.TwainDriver**
  The message if no twain driver selected
  Default: *language*ScanCtrl.Scan.DlgText
- **Scanner.IniFileName**
  Name of the ini file
  Default: Scanner.ini
- **TwainInterface.ClassName**
  The scan interface class to be used.
  Available classes are:

de.softpro.signplus.client.scanCtrl.source.twain.CFMTwainIFImpl
(old scan interface)
de.softpro.signplus.client.scanCtrl.source.twain.SWTwainInterfaceImpl
(new scan interface based on SignWare)
Default: de.softpro.signplus.client.scanCtrl.source.twain.SWTwainInterfaceImpl

Signatory list table

This part describes the configuration of the signatory list table.

- **SBAM_SignatoryListTable.CPopupMenu**
  Popup menu for customer mode
  (see description in menu.properties)
  Default: *menu*SignatoryPopupCustomerMode
- **SBAM_SignatoryListTable.APopupMenu**
  Popup menus for account mode
  (see description in menu.properties)
  Default: *menu*SignatoryPopupAccountMode
- **SBAM_SignatoryListTable.SignatoryPopupMenu**
  Popup menu for signatory
  (see description in menu.properties)
  Default: *menu*SignatoryPopup
- **SBAM_SignatoryListTable.SignaturePopupMenu**
  Popup menu for signatory
  (see description in menu.properties)
  Default: *menu*SignaturePopup
- **SBAM_SignatoryListTable.RulesPopupMenu**
  Popup menu for signatory
  (see description in menu.properties)
  Default: *menu*RulesPopup
- **SBAM_SignatoryListTable.DisplayRuleMenuItem.Label**
  Popup menu for signatory
  (see description in menu.properties)
  Default: *language*Menu.DisplayRule.Label

Signatory list table model

This part describes the configuration of the signatory list table model.

- **SBAM_SignatoryListTableModel.InfoColumn.Label**
  Default: *language*Info.Label
- **SBAM_SignatoryListTableModel.InfoColumn.MinWidth**
  Default: 35
- **SBAM_SignatoryListTableModel.InfoColumn.Width**
  Default: 35

- **SBAM_SignatoryListTableModel.InfoColumn.MaxWidth**
  Default: 35
- **SBAM_SignatoryListTableModel.SignatoryColumn.Label**
  Default: *language*Signatory.Label
- **SBAM_SignatoryListTableModel.SignatoryColumn.MinWidth**
  Default: 100
- **SBAM_SignatoryListTableModel.SignatoryColumn.Width**
  Default: 130
- **SBAM_SignatoryListTableModel.SignatoryColumn.MaxWidth**
  Default:
- **SBAM_SignatoryListTableModel.RulesColumn.Label**
  Default: *language*SignatoryDlg.Rules.Border.Label
- **SBAM_SignatoryListTableModel.RulesColumn.MinWidth**
  Default: 100
- **SBAM_SignatoryListTableModel.RulesColumn.Width**
  Default: 270
- **SBAM_SignatoryListTableModel.RulesColumn.MaxWidth**
  Default:
- **SBAM_SignatoryListTableModel.SignatureColumn.Label**
  Default: *language*Signature.Label
- **SBAM_SignatoryListTableModel.SignatureColumn.MinWidth**
  Default: 100
- **SBAM_SignatoryListTableModel.SignatureColumn.Width**
  Default:
- **SBAM_SignatoryListTableModel.SignatureColumn.MaxWidth**
  Default: 310

Variant list table model

This part describes the configuration of the variant list table model used in assign variants dialog.

- **SBAM_VariantListTableModel.VariantColumn.Label**
  Default: *language*Variant.Label
- **SBAM_VariantListTableModel.VariantColumn.MinWidth**
  Default: 50
- **SBAM_VariantListTableModel.VariantColumn.Width**
  Default: 100
- **SBAM_VariantListTableModel.VariantColumn.MaxWidth**
  Default:
- **SBAM_VariantListTableModel.BoundSig1Column.Label**
  Default: *language*AssignVariantsDlg.BoundToSignatory1.Text
- **SBAM_VariantListTableModel.BoundSig1Column.MinWidth**
  Default: 100
- **SBAM_VariantListTableModel.BoundSig1Column.Width**

Default: 310
- **SBAM_VariantListTableModel.BoundSig1Column.MaxWidth**
  Default:
- **SBAM_VariantListTableModel.BoundSig2Column.Label**
  Default: *language*AssignVariantsDlg.BoundToSignatory2.Text
- **SBAM_VariantListTableModel.BoundSig2Column.MinWidth**
  Default: 100
- **SBAM_VariantListTableModel.BoundSig2Column.Width**
  Default: 310
- **SBAM_VariantListTableModel.BoundSig2Column.MaxWidth**
  Default:
- **SBAM_VariantListTableModel.EnableTwoSigBind**
  Default: *settings*EnableTwoSigBind

Highlight patterns

Describes titles and error messages related with edit highlight patterns dialogs.

- **SBAM_HighlightPatterns.Title.Common**
  Default: *language*SBAM_HighlightPatterns.Title.Common
- **SBAM_HighlightPatterns.Title.CheckAmount**
  Default: *language*SBAM_HighlightPatterns.Title.CheckAmount
- **SBAM_HighlightPatterns.Title.AccountNumber**
  Default: *language*SBAM_HighlightPatterns.Title.AccountNumber
- **SBAM_HighlightPatterns.Title.BranchNumber**
  Default: *language*SBAM_HighlightPatterns.Title.BranchNumber
- **SBAM_HighlightPatterns.Validation.ErrorMessage**
  Default: *language*SBAM_HighlightPatterns.Validation.ErrorMessage
- **SBAM_HighlightPatterns.Validation.SequenceTooLong**
  Default: *language*SBAM_HighlightPatterns.Validation.SequenceTooLong
- **SBAM_HighlightPatterns.Validation.WrongLineSeparator**
  Default: *language*SBAM_HighlightPatterns.Validation.WrongLineSeparator
- **SBAM_HighlightPatterns.Validation.CharacterNotAllowed**
  Default: *language*SBAM_HighlightPatterns.Validation.CharacterNotAllowed
- **SBAM_HighlightPatterns.Validation.WrongAsteriskPlacement**
  Default: *language*SBAM_HighlightPatterns.Validation.WrongAsteriskPlacement
- **SBAM_HighlightPatterns.Help.Topic**
  Default: *help*SBAM_HighlightPatterns

layout.properties

Contains configuration for the general layout.

- **ShowSplashWindow**

  Shows the splash window on startup

  Default: 1

- **ConvertToUppercase**

  Convert customer- and account number to upper case

  Default: 0

- **ConfirmClose**

  1 - a confirmation dialog is displayed when closing the application

  Default: 0

- **BNO.Visible**

  Visibility of primary fields:

  1 - visible

  0 - not visible

  Default: 1

- **CountryId.Visible**

  Visibility of primary fields:

  1 - visible

  0 - not visible

  Default: 1

- **Bankcode.Visible**

  Visibility of primary fields:

  1 - visible

  0 - not visible

  Default: 1

- **CustomerNo.Visible**

  Visibility of primary fields:

  1 - visible

  0 - not visible

  Default: 1

- **AccountNo.Visible**

  Visibility of primary fields:

  1 - visible

  0 - not visible

  Default: 1

- **CustomerName.Visible**

  Visibility of primary fields:

  1 - visible

0 - not visible

Default: 1

- **AccountName.Visible**
  Visibility of primary fields:
  1 - visible
  0 - not visible
  Default: 1
- **PersonalID.Visible**
  Visibility of primary fields:
  1 - visible
  0 - not visible
  Default: 1
- **SignatoryRole.Visible**
  Visibility of primary fields:
  1 - visible
  0 - not visible

  > ⚠ Also triggers visibility of varValidFrom in signatory list.

  Default: 1
- **SignatoryType.Visible**
  Visibility of primary fields:
  1 - visible
  0 - not visible
  Default: 1
- **SignatoryStyle.Visible**
  Visibility of primary fields:
  1 - visible
  0 - not visible
  Default: 1
- **SignatoryStatus.Visible**
  Visibility of primary fields:
  1 - visible
  0 - not visible
  Default: 1
- **SignatoryASV.Visible**
  Visibility of primary fields:
  1 - visible
  0 - not visible
  Default: 1
- **Instruction.Visible**

Visibility of primary fields:

1 - visible

0 - not visible

Default: 1

- **Groups.Visible**
  Visibility of primary fields:

  1 - visible

  0 - not visible

  Default: 1

- **RuleCurrency.Visible**
  Visibility of primary fields:

  1 - visible

  0 - not visible

  Default:

- **CustomerNo.Mask**
  Mask can be provided here for specific fields

- **AccountNo.Mask**
  Mask can be provided here for specific fields

- **AccountNo2.Mask**
  Mask can be provided here for specific fields

- **PersonalID.Mask**
  Mask can be provided here for specific fields

- **ImageLoader.Visible**
  1 - image loader is visible (image stack); needs SignInfo mode

  Default: 0

- **PDFDocuments.Visible**
  1 - pdf documents are visible; needs SignInfo mode

  Default: 0

- **Display.Fraudone**
  1 - Fraudone logo and label

  1 - SignPlus logo and labels

  Default: *custom*Checkstock

- **SignatoryListPane.Standalone**
  Display panel in main panel (card layout) or standalone (at bottom right)

  1 - standalone

  0 - main panel

  Default: 1

- **CheckstockImagePane.Standalone**
  Display panel in main panel (card layout) or standalone (at bottom right)

  1 - standalone

  0 - main panel

Default: 0

- **QuickSearch.Visible**

  1 - quick search panel is visible

  Default: 1

- **QuickSearch.ForceFocus**

  1 – force focus to first quick search field

  Default: *custom*SignInfo

- **Layout.Reset**

  0 = layout is not reset after clear workspace event (default)

  1 = layout is reset to initial configuration after clear workspace event

  Default: 0

Other properties

```
-------------- Look And Feel --------------------------------------------
- possible values for LookAndFeel are: SignPlusKunststoff, SignPlusMetal, Kunststoff,
 Metal, Windows, Motif
LookAndFeel = SignPlusKunststoff

-------------- Colors ---------------------------------------------------
- possible values for Color: black, blue, cyan, gray, darkGray,
- lightGray, magenta, orange, pink, white, yellow

-------------- AutomaticFocusTraversal ----------------------------------
-- focus jumps to next field if text field filled with maximum character
-- only valid for main fields, e.g. account#, customer#,...
AutomaticFocusTraversal = 0
-- Default is for all text fields
AutomaticFocusTraversal.Default = 0

-------------- Size and Color of the ScrollBar --------------------------
displaySignPlusScrollBar = 1
ScrollBarColor =
ScrollBarSize =

-------------- Color of the Focus ---------------------------------------
- only valid for SignPlus Look And Feel
FocusColor = *custom*FocusColor
FocusColor.red = *custom*FocusColor.red
FocusColor.blue = *custom*FocusColor.blue
FocusColor.green = *custom*FocusColor.green

-------------- Color of the Labels --------------------------------------
LabelColor =

-------------- Color and font used to display historized items ---------
ShowHistorized = 0
HistorizedColor = gray
HistorizedFont.Name =
HistorizedFont.Size =
HistorizedFont.Bold = 0
HistorizedFont.Italic = 1

-- First characters of Instruction Text displayed in Signatory List -----
ShowInstructionText = 1

-------------- Color and Thickness of Signatory List Selection ---------
SignatoryList.SelectionColor = green
```

```
SignatoryList.SelectionThickness = 2

-------------- Font Size of the Customer status bar --------------------
CustomerTitle.Font.Size = 18

-------------- Visibility of the Status Bar ----------------------------
StatusBar = 1

-------------- Displays the SignBase panel immediately after logon -----
ShowImmediately = 0

-------------- Visibility of Signature Quality Field --------------------
ShowQuality = 1

----------- Number of displayed rules in Signatory List View ------------
NumberOfDisplayedRulesInSignatoryList = 6

-------------- Options how to cut out image areas in SignInfo -----

# Visibility of NewImage option:
# Even if NewImage.Visible = 0 is set the NewImage option
# is displayed programmatically when NewSignatory and ReplaceSignatory option is
# not visible.
# To force the NewImage option to be not visible you have to set
# NewImage.Force.Invisibility = 1
# and NewImage.Visible = 0.
Options.NewImage.Visible = 1
Options.NewImage.Force.Invisibility = 0

Options.ReplaceImage.Visible = 1

Options.NewSignatory.Visible = 1
Options.NewVariant.Visible = 0
Options.ReplaceSignatory.Visible = 1
Options.NoCleaning.Visible = 1
Options.NewCheckstock.Visible = *custom*Checkstock
```

tablayout.properties

Contains additional configuration for layout.

```
# Alignment:
# NORTH  = 0
# EAST   = 1
# SOUTH  = 2
# WEST   = 3
# CENTER  = 4

# Separation/Divider
# HORIZONTAL = 1;
# VERTICAL = 0;

# Split position
# to minimize a panel use 0.001 instead of 0
# to maximize a panel use 1.0

# split position between overview and display panel
MainPanel.SplitPosition = 0.15

SignBase.Separation.North = 1
```

```
SignBase.Separation.East = 0
SignBase.Separation.South = 1
SignBase.Separation.West = 0
SignBase.Separation.Center = 1

SignBase.Divider.North = 1
SignBase.Divider.East = 1
SignBase.Divider.South = 1
SignBase.Divider.West = 1
SignBase.Divider.Center = 1

SignBase.SplitPosition.North = 0.5
SignBase.SplitPosition.South = 0.5
SignBase.SplitPosition.West = 0.5
# default split position between core panel and details panel
SignBase.SplitPosition.East = 0.61

Overview.Separation.North = 0
Overview.Separation.East = 1
Overview.Separation.South = 0
Overview.Separation.West = 1
Overview.Separation.Center = 0

Overview.Divider.North = 1
Overview.Divider.East = 1
Overview.Divider.South = 1
Overview.Divider.West = 1
Overview.Divider.Center = 1

Images.Label = *language*Container.Label
Images.Icon = de/softpro/signplus/client/resources/gif/images.gif
Images.Visible = *custom*SignInfo
Images.Tab = 1
Images.Panel = 0
Images.Alignment = 0
Images.Ranking = 3
Images.InitialDisplay = 0

CheckstockImages.Label = *language*Checkstock.Label
CheckstockImages.Icon = de/softpro/signplus/client/resources/gif/checkstock.gif
CheckstockImages.Visible = *settings*Checkstock
CheckstockImages.Tab = 1
CheckstockImages.Panel = 0
CheckstockImages.Alignment = 0
CheckstockImages.Ranking = 4
CheckstockImages.InitialDisplay = 0

CorePane.Label =
CorePane.Icon = de/softpro/signplus/client/resources/gif/image.gif
CorePane.Visible = 1
CorePane.Tab = 0
CorePane.Panel = 1
CorePane.Alignment = 4
CorePane.Ranking = 1
CorePane.InitialDisplay = 1
CorePane.Required =

DetailsPane.Label =
DetailsPane.Icon = de/softpro/signplus/client/resources/gif/image.gif
DetailsPane.Visible = 1
DetailsPane.Tab = 0
DetailsPane.Panel = 1
DetailsPane.Alignment = 1
DetailsPane.Ranking = 1
```

```
DetailsPane.InitialDisplay = 1
DetailsPane.SplitPosition = 0.5

SignatoryListPane.Label = *language*CopySignatoriesDlg.Signatories.Border.Label
SignatoryListPane.Icon = de/softpro/signplus/client/resources/gif/list.gif
SignatoryListPane.Tab = 0
SignatoryListPane.Panel = 1
SignatoryListPane.Alignment = 1
SignatoryListPane.Ranking = 2
SignatoryListPane.InitialDisplay = 1
SignatoryListPane.Required =

CheckstockImagePane.Label = *language*CheckstockImage.Label
CheckstockImagePane.Icon = de/softpro/signplus/client/resources/gif/checkstockImage.gif
CheckstockImagePane.Visible = *settings*Checkstock
CheckstockImagePane.Tab = 1
CheckstockImagePane.Panel = 1
CheckstockImagePane.Alignment = 4
CheckstockImagePane.Ranking = 1
CheckstockImagePane.InitialDisplay = 0
CheckstockImagePane.Required =

ImagePane.Label = *language*Image.Label
ImagePane.Icon = de/softpro/signplus/client/resources/gif/image.gif
ImagePane.Visible = *custom*SignInfo
ImagePane.Tab = 1
ImagePane.Panel = 1
ImagePane.Alignment = 4
ImagePane.Ranking = 1
ImagePane.InitialDisplay = 0
ImagePane.Required =

SignInfoPane.Label = *language*Button.Details.Text
SignInfoPane.Icon = de/softpro/signplus/client/resources/gif/info.gif
SignInfoPane.Visible = *custom*SignInfo
SignInfoPane.Tab = 1
SignInfoPane.Panel = 1
SignInfoPane.Alignment = 1
SignInfoPane.Ranking = 1
SignInfoPane.InitialDisplay = 0
SignInfoPane.TabCombinedWith = ImagePane
SignInfoPane.Required =

CorePane.Separation.North = 1
CorePane.Separation.East = 0
CorePane.Separation.South = 0
CorePane.Separation.West = 0
CorePane.Separation.Center = 0

CorePane.Divider.North = 1
CorePane.Divider.East = 1
CorePane.Divider.South = 1
CorePane.Divider.West = 1
CorePane.Divider.Center = 1
```

settings.properties

The settings.properties file contains configuration for general functionality.

General settings

The settings.properties file contains the following keys for general settings.

- **Customer.Version**
  The CVS version tag substitution. This setting is mandatory for each customization.
  Default: $Name: $
- **Bank**
  The name of the bank/customer/project
  Default: Demo-Bank
- **Teller.ReturnKey**
  The return key used to switch back to the calling teller application.
  Default: Ctrl+Z
- **MessageEncryption**
  1 - messages from the server are encrypted
  Default: 0
- **Checkstock**
  1 - checkstock mode
  Default: *custom*Checkstock
- **AccountModel**
  1 - the application works with an account model
  0 - the application works with a customer model
  Default: 0
- **CheckNonVerifiedAccess**
  0 - access to unverified customer/accounts independently of verification rights
  1 - only user having verification rights will have access to none verified customer/accounts
  Default: 0
- **AccountReopen.Enabled**
  Allow Close/Re-Open of accounts
  1 - close/reopen allowed
  0 - close/reopen denied
  Default: 0
- **AccountClose.Enabled**
  Allow Close/Re-Open of accounts
  1 - close/reopen allowed
  0 - close/reopen denied
  Default: 0
- **CodePage.UnsupportedChar.DoReplace**
  Specify the handling of characters that are not supported by the current/configured Code page during input in text fields.
  0 - the input of unsupported characters is blocked
  1 - unsupported characters are replaced by '?' automatically

Default: 1

- **CodePage.XML_Import**
  The code page used for xml import.
  Default: Cp858

- **CodePage.XML_Export**
  The code page used for xml export.
  Default: Cp858

- **AutoLogoffTime**
  The time after that the application goes into pause mode in seconds if no action is done by the user. Use 0 for no pause mode.
  Default: 0

- **Rules.Count**
  Number of rules displayed in the rule section of the signatory dialog.
  Default: 3

- **SetDefaultSignDate**
  Sets the default signing date to the current date if 1
  Default: 1

- **defaultSignatureType**
  The default signature type.
  latin = 1
  chinese = 2
  japanese = 3
  thai = 4
  arabic = 5
  russian = 6
  greek = 7
  hebrew = 8
  Default: 1

- **defaultSignatureSource**
  The default signature source.
  0 - account/signature card
  1 - fax/copy
  2 - other
  3 - migrated from other application
  4 - payment form
  5 - from pen pad
  Default: 0

- **defaultSignatoryRole**
  The default signatory role.
  1 - owner
  2 - authorized

3 - signatory

4 - principal

5 - representative

Default: 1

- **SignatoryUpdateAll**

1 - update all signatories with the same personal id.

ⓘ Enabling this setting can lead to signatory data loss when personalId is not correctly set.

Default: 0

- **CurrencyAppendix**

Currency Appendix

1 - a currency code is appended to the account number

0 - the account number is stored as is

Default: 0

- **Use3DCurrencyCode**

Account Currency

1 - a 3-dimensional currency code is stored instead of the ISO-currency

0 - the ISO currency is stored

The ISO currencies and the mapping table to the currency codes is defined in currency.properties

Default: 0

- **SignatoryOrder**

The order signatories of the customer will be sorted.

F stands for frauds

W stands for fraud variants

C stands for rubber stamps

O stands for owners

R stands for representatives

S stands for signatories

P stands for the principal

T stands for all others

V stands for variants

If V is not specified in SignatoryOrder all variants will be displayed behind the signatories they are linked to or at the end if not linked to any signatory.

If a variant is linked to two signatory it will be displayed twice (behind every signatory). The same handling is also used for W (fraud variants).

Default: FWCORSPT

- **SignatoryOrder.UseHitStatistics**

Order signatories by hit statistics.

Default: *custom*ListOrder.HitStatistics

- **CheckstockOrder.UseHitStatistics**

Order checkstocks by hit statistics

Default: *custom*ListOrder.HitStatistics

- **LoadSignature**

  Defines how signatures are loaded from database which are not loaded yet.

  0 - load signature only on explicit request (user action)

  1 - load signature of the currently selected signatory only

  2 - load signatures of all displayed signatories automatically

  Default: 1

- **LoadSignature.WaitTime**

  Time in milliseconds the program waits until the signature of the current signatory is loaded.

  This is to allow page up/down action without automatic reload. This time is only valid if
  ```
  LoadSignature = 1
  ```
  Default: 1000

- **CopySignatories.NeedsVerify**

  1 - copied signatories are unverified

  Default: 1

- **TimeoutVPSV**

  SignTeller Verification

  The timeout for the visual verification in seconds.

  0 - means no timeout

  Default: 0

- **UpdateMode**

  The default option how an update will be performed.

  1 - create, reject if exist

  2 - create if not exist, update if exist

  3 - update if exist, reject if not exist

  4 - delete

  5 - append new items, update existing items, leave non existing items untouched

  6 - append all new items, leave existing items untouched

  7 - delete existing customer, create new one

  9 - delete Signatory

  10 - update customer/account objects without updating the customer/account itself

  11 - create customer/account OR update customer/account objects without updating the customer/account itself

  Default: 2

- **SB_XmlUpdate.SecurityCheck.Enabled**

  XML interface security check.

  Signatory update via xml can lead to corrupt data when signatories are identified by sigNo and not by personalId.

  If this security check is enabled an xml file that contains a signatory update via sigNo is rejected by the xml interface.

> ℹ This check is only relevant for update modes 2, 3, 5, 6, 9, 10 and 11.

0 - security check is disabled

1 - security check is enabled

Default: 1

- **SB_XmlUpdate.ImageData.Check.Enabled**
  XML interface image data check.

  If enabled the size of all image data that is updated via the xml interface is checked against the configured *.MaxSize settings below.

  If there is image data that exceeds the configured max size the xml is rejected.

> ℹ This check is only relevant for update modes 2, 3, 5, 6, 10 and 11.

0 - image data check is disabled

1 - image data check is enabled

Default: 0

- **XMLExportFormat**
  The image export format.

  -1 - FraudOne internal format

  1 - TIFF

  2 - Windows Bitmap

  3 - OS2 Bitmap

  Default: 1
- **Watermark**
  The watermark used when xml export of signatures is done in full resolution.

  Default: de/softpro/signplus/client/resources/images/watermark.bmp
- **ShowSaveConfirmation**
  1 - a confirmation dialog is displayed when saving workspace

  Default: 1
- **DisplayConfirmVerify**
  1 - confirmation message for verification

  Default:
- **DisplayVerified**
  1 - confirmation message for verification

  Default: 1
- **DisableSaveAfterTimeout**
  1 - denies the user to save the workspace again after a timeout from server

  Default: *custom*DisableSaveAfterServerTimeout
- **SingleLogon**

Single Logon

User id is retrieved from the system environment.

If set a customized DLL configured for logon will be needed.

Default: 0

- **SB_ExtendedField.AllowEmptyDate**
  SB_Extended Field

  Overwrites the default behavior of creating a new Date() when an empty Date is passed to the Extension.

  0 - empty date is not allowed (the current system time is used if no date value is provided for extension)

  1 - empty date is allowed

  > ℹ️ This setting is not recommended. For extensions that allow empty dates the extension type string should be used!

  Default: 0

- **ImageReader.LoadTiffImage.DisableLeadTools**
  ImageReader

  Disables Lead Tools for loading/reading TIFF image format.

  This is necessary for a business model installation on Websphere because Lead Tools does not work correctly there.

  Default: 0

- **Licence.Initialization.Enabled**

  1 - licence initialization is enabled (this can be turned off if no SignPlusClient licence is required)

  Default: 1

- **LicenceLogger.Interval**
  The interval in seconds for sending licence information to the server.

  Default: 600

- **DatabaseException.ClassName**
  Customer specific database exception.

  This is normally useful if server returns a customer specific error return code.

  > ℹ️ DatabaseException(Integer p_errorNo, SB_Workspace p_workspace)
  > DatabaseException(Integer p_errorNo, SB_Workspace p_workspace)

- **Socket.TcpNoDelay.Enabled**
  Socket options.

  This setting controls the socket option TCP_NODELAY, which allows applications to enable or disable Nagle's algorithm.

  Nagle's algorithm conserves bandwidth by minimizing the number of segments that are sent. When applications wish to decrease network latency and increase performance, they can disable Nagle's algorithm. Data will be sent earlier, at the cost of an increase in bandwidth consumption.

  0 - Socket uses Nagle's algorithm: decreases bandwith and increases latency

1 - Socket does NOT use Nagle's algorithm: increases bandwith and decreases latency

Default: 0

- **XML.Export.StringCheck.Enabled**

Extension string check for xml export interface.

Specify if extension values should be checked for invalid xml characters during the xml export.

Invalid characters are all ASCII control codes (ASCII decimal value < 32) except horizontal tab (9), NL line feed - new line (10) and carriage return (13).

0 - no check is done

If there is an invalid xml character in an extension field a jdom stack trace is written in the log and the resulting xml file is empty (has size 0).

1 - all invalid characters are replaced

> ℹ️ If the check is enabled invalid characters are replaced by ' ' for string extensions (type=7) and '0' for all other extension types (except date extensions which are ignored by the check).

Default: 0

- **SBAM_SerialRanges.SerialRangeType**

Serial number range type.

Specify which serial range should be displayed.

0 - Issued

The bank loads the ranges of serial numbers of the cheques issued for an account directly into the database manually into the database, and FraudOne then tracks the serial numbers used from these ranges

1 - Observed

FraudOne monitors the serial numbers passing through SignCheck for the account and itself constructs range records from the serial numbers it sees which are then used to track the numbers used from these ranges.

Default: 0

SignInfo settings

The settings.properties file contains the following keys for SignInfo settings.

- **MaximumNumberOfMasks**

Set the maximum number of mask allowed to draw in the image viewer;

a value of zero allows an unlimited number of masks a value lower than disables masks

Default: 0

- **ImageReleaseThreshold**

If the number of concurrently loaded images of a c/a exceeds this threshold only the currently displayed image is held in memory.

All other images are removed from memory and will be recalculated on a new access to the image.

Default: 10

- **DoNotShowMaskOptions**

If set to 1 no popup dialog is shown when the user wants to cut out an area from an image, instead the action given in ActionForMaskOption is automatically performed.

Default: 0

- **ActionForMaskOption**
  The action that will be performed for automatic cut out default is 'Create a new image;

  1 - create a new image (default)

  2 - create a new signatory

  4 - replace the image of the current signatory, create a new signatory if

  no signatory is selected

  8 - create new checkstock

  # 16 - create new variant

  Default: 1

- **Popup.Options.Always**
  Specifiy the handling of the popup options dialog.

  0 - popup options are not displayed automatically after first mask action

  (popup options can be displayed via context menu)

  1 - popup options are always displayed

  Default: 0

- **CreateBitmapFromAllMasks**
  1 - bitmap is created from all displayed masks

  0 - bitmap is created only from the currently selected mask or from all mask if no mask is currently selected

  Default: 1

- **CleanSignatureOnly** This option is only valid if the DoNotShowMaskOptions is set to 0 and the ActionForMaskOption is set to 8. If set to 1 the program will assign the signature automatically to the currently selected signatory and will open the Scan dialog for signature cleaning

  Default: 0

- **CreateOnlySignatoriesFromImages** If set to 1 it is only possible to create new signatories from images

  Default: 0

- **SaveNewCustomerFromImage** Defines the default action when loading an image from the AIS if set to 1 the Save buttons becomes the default button after the user has changed customer/ account number

  Default: 1

- **Image.DefaultIndex**
  If set to 0 the index is calculated automatically

  Default: 0

- **DoNotSaveUnprocessedImages**
  0 - save all images to the database

  1 - only save processed images to the database

  Default: 0

- **DoNotSaveImages**

0 - save account attachments to the database and delete account attachments from the database

1 - Do not save account attachments to the database and do not delete account attachments from the database at all

Default: 0

- **CreateDenied**

  0 - do not allow to create new customer/account

  Default: 0

- **LoadImagesOnFirstRequest**

  0 - load image data of account images when loading the customer/account images are not loaded immediately if the number of account images is bigger than the limit set in custom.properties

  1 - load image data when document is displayed the first time in the client

  Default: 1

- **DeleteWorkspaceOnNewImage**

  Create a new workspace when a new image is scanned or loaded from disk

  Default: 0

- **IdleTime**

  [AIS] Time the thread sends an processing info to AIS (in milliseconds)

  Default: 180000

- **PauseTime**

  [AIS] Time the thread waits until the next query in case of no data (in milliseconds)

  Default: 60000

- **PrefetchHoldTime**

  [AIS] Time until a prefetch will be discarded (in milliseconds)

  Default: 600000

- **ScanUnbound**

  [AIS]

  1 - scanned/loaded images will not be assigned to an customer/account automatically

  Default: 1

- **Prefetch.Enabled**

  [AIS] Enables/disables prefetch for action 'Load Next Document'

  Default: 1

- **Archive.ImageRequestType**

  [AIS] Image request type

  1 - monochrome images

  2 - gray images

  Default: 2

- **SignInfo.ImportMode**

  [AIS]

  1 - the application works only in [BATCH]Import model, excluding all other menu features

  Default: 0

- **SaveWorkspaceAfterDelete**

After delete image action the workspace is saved immediately

Default: 0

- **ScannedImages.Display.Priority**
Setting to specify the display priority for scanned images when a customer is loaded

0 - account attachments have the highest display priority

1 - scanned images have the highest display priority (default)

Default: 1

Signature capturing and saving

The settings.properties file contains the following configuration for signature capturing and saving.

- **UpdateSendMonoAndGray**
1 - when updating the signature both the gray scale image AND the monochrome image are sent to the server

0 - when updating the signature only the gray scale image is sent to the server

Default: 0

- **StoreMonoSignatureOnly**
1 - store only the monochrome signature into the database

0 - store signature as scanned

Default: 1

- **StorePadSignature**
1 - store pad signature to database if scanned from pad

0 - store gray signature when captured from pad

Default: 0

- **StoreJpegImage**
1 - store images in JPEG format into the database

0 - store image as scanned

Default: 0

- **JpegCompression**
The jpeg compression is only used when `StoreJpegImage = 1`

Default: 0.5

- **Signature.DisplayFormat**
0 - all signatures are displayed in mono

1 - monochrome and dynamic signatures are displayed in mono and gray signatures are displayed in gray

Default: 0

- **NumberOfPadReferences**
The minimum number of reference signature captured for enrolment. This is a number between 1 and 4 meaning that you can enrol a maximum of four signatures.

If `StorePadSignature = 1` this number should be at least 3.

If `StorePadSignature = 0` this number should be 1.

Default: 1

- **SignatureEncryption**

  Encryption of B/W signatures

  0 - signatures stored unencrypted

  1 - signatures stored encrypted

  Default: 1

- **SignatureSufficientResolution**

  Sufficient resolution of signatures and image. The minimum resolution that is regarded to be necessary for storage.

  Default: 200

- **CheckForLowResolution**

  If the real resolution is lower than the sufficient resolution of signatures and image, a warning message will be displayed if CheckForLowResolution is set to 1.

  Default: 1

- **ScanOnlyFromPad**

  1 - only use pad dialog for signature capturing

  Default: 0

Variants settings

- **DeleteVariantsOnNameChange**

  Delete linked variants in response to name changes. When the name of a signatory is changed all linked variants will be deleted assuming that a name change requires a signature change and a change of all variants

  1 - delete variants

  0 - don't delete variants

  Default: 1

- **DeleteVariantsOnSignatureChange**

  Delete Linked Variants after signature of the signatory has changed

  1 - delete variants

  0 - don't delete variants

  Default: 0

- **Variants.AutoAssignMode**

  Assign new variants in the following way

  0 - do not auto assign

  1 - assign it to the oldest signatory

  2 - assign it to the newest signatory

  3 - assign it to a dummy signatory

  Default: 0

- **EnableTwoSigBind**

  Variants Assignment: enables to bind a variant to two signatories

  1 - two signatories (default)

  0 - only one signatory

Default: 1

- **ConfirmAssignment**

  Assignment of signature has to be confirmed, only valid if

  *custom*EnableVariantToReferenceAssignment = 1

  1 - confirmation needed

  0 - no confirmation needed (default)

  Default: 0

- **DeleteVariant**

  Variant used for assignment will be deleted automatically, only valid if

  *custom*EnableVariantToReferenceAssignment = 1

  1 - will be deleted (default)

  0 - will not be deleted

  Default: 1

- **PreventSameUserAssignment**

  Prevents an user to assign a variant to a signatory if he has created the variant by himself

  Default: 0

- **EnableDummySignatoryForVariants**

  1 - dummy signatory is enabled for variants

  Default: 1

- **DummyName**

  DummySignatory

  Default: The name of the dummy signatory

- **HideDummySignatories**

  1 - dummy signatory is hidden in the signatory list

  Default: 0

Queue emulation

```
-------------- Queue Emulation ----------------------------------------------
#kind of Inwards Clearing Server to be used
UseICServer = 0

# ICTempFileName: fully qualified Name of the temporary file to save
#      intermittant states, or "" to disable temporary file usage
# ICCommandLine: Command line to start the Queueserver (default QueueSvr)
# ICPipeName: Name of the communication pipe (default SB_Queue.pip)
# ICFileName: Name of the customer InClearing-Queue data file
# ICFilePath: Path of the customer InClearing-Queue data file
# ICLoaderDll: Name of the Library to load the customer InClearing-Queue data file
#      or "" to use the default (built in SPLoader)
#      FieldOrder and FieldSize are evaluated by SpLoader, and might have a different
 layout
#               and interpretation with other Loaders
# ICFieldOrder: List of fields as these are stored in the customer IC-File, or "" to
 use the default
#               supported FieldNames: BANKNO, COUNTRYID, BANKCODE, CUSTOMERNO,
 ACCOUNTNO, DOCREFNO, CLEARINGDATE, DUMMY
#      default  = BANKNO COUNTRYID BANKCODE CUSTOMERNO ACCOUNTNO DOCREFNO CLEARINGDATE
```

```
# ICFieldSize:  List of the length of each field in the customer IC-File, or "" to use
 the default
#     default =       3       3       8      20      20      30       8
# UseFileDialog: load the file via a FileDialog or use a predefined file (defined under
 ICFileName)
# LoadSequence: Opens a dialog box where the user gives the first and last document
 numbers to load into the queue
QueueEmulation.Enabled        = 0
QueueEmulation.PipeName       = SB_Queue.pip
QueueEmulation.ServerName     = localhost:2012
QueueEmulation.ICTempFileName = C:\\
QueueEmulation.ICCommandLine  =
QueueEmulation.ICFileName     = *custom*QueueEmulation.ICFileName
QueueEmulation.ICFilePath     = *custom*QueueEmulation.ICFilePath
QueueEmulation.ICLoaderDll    =
QueueEmulation.ICFieldOrder   = BANKNO COUNTRYID BANKCODE CUSTOMERNO ACCOUNTNO DOCREFNO
 CLEARINGDATE
QueueEmulation.ICFieldSize    =       3       3       8      20      20      30
           8
QueueEmulation.UseFileDialog  = 1
QueueEmulation.LoadSequence   = 1
QueueEmulation.LoadAfterReset = 0
```

ICV / Day One Verification

```
-------------- ICV / Day One Verification -------------
# dpi of specified area coordinates
ICV.CropArea.Resolution = 240

# configuration for Msg 37 result
ICV.FeatureCode = *custom*ICV.FeatureCode
ICV.Result = *custom*ICV.Result
ICV.MatchRate = *custom*ICV.MatchRate
ICV.RefObject1 = *custom*ICV.RefObject1
ICV.RefObject2 = *custom*ICV.RefObject2
ICV.TimeUsed = *custom*ICV.TimeUsed
ICV.Comment = *custom*ICV.Comment

# configuration for Msg 37 order
ICV.Order.FormType = *custom*ICV.Order.FormType
ICV.Order.FormTextCode = *custom*ICV.Order.FormTextCode
ICV.Order.TransactionCode = *custom*ICV.Order.TransactionCode
```

Image Loader (Image Stack)

```
# Root directory of image stack
ImageStack.Root.Path = *custom*ImageStack.Root.Path

# Valid image suffixes for image stack
ImageStack.Suffix = *custom*ImageStack.Suffix

# Lock mode for image stack. Possible values are:
# - D (lock is done at directory level)
# - F (lock is done at file level)
ImageStack.LockMode=D

# Name of the lockfile
ImageStack.Lockfile.Name=signplus.lock
```

AIX / Linux

When the BusinessModel is running on a AIX/Linux platform (e.g. as part of the TClient) these settings have to be adjusted in custom.properties.

```
-------------- Business model on AIX/Linux platform ------------
# Here it is possible to switch off native calls in the customer's custom.properties.
# Per default all native calls are enbaled.
SignPlus.SP_JMessage.getVersionInfo.Enabled =
 *custom*SignPlus.SP_JMessage.getVersionInfo.Enabled
SignPlus.SP_CheckAccount.getVersionInfo.Enabled =
 *custom*SP_CheckAccount.getVersionInfo.Enabled
SignPlus.SP_QueueEmulation.getVersionInfo.Enabled =
 *custom*SignPlus.SP_QueueEmulation.getVersionInfo.Enabled
SignPlus.SBAM_ScanIf.getVersionInfo.Enabled =
 *custom*SignPlus.SBAM_ScanIf.getVersionInfo.Enabled
SignPlus.SP_JavaApi.getVersionInfo.Enabled =
 *custom*SignPlus.SP_JavaApi.getVersionInfo.Enabled
SignPlus.SBNative.getVersions.Enabled = *custom*SignPlus.SBNative.getVersions.Enabled
SignPlus.ImageReader.queryTotalPages.LeadTools.Enabled =
 *custom*SignPlus.ImageReader.queryTotalPages.LeadTools.Enabled
SignPlus.GrayCompress.decode.LeadTools.Enabled =
 *custom*SignPlus.GrayCompress.decode.LeadTools.Enabled
```

sizes.properties

Contains configuration for field sizes.

```
------ general ------------------------------
bno.size = 3
bno.minsize = 3
countryid.size = 3
countryid.minsize = 3
bankcode.size = 11
bankcode.minsize = 1
resttext.size = 200
docrefno.size=30
docrefno.minsize=8
---------------------------------------------

------ customer -----------------------------
customerno.size = 34
customerno.minsize = 1
customer.shortname.size = 30
customer.shortname.minsize = 0
---------------------------------------------

------ account ------------------------------
accountno.size = 34
accountno.minsize = 1
accountno2.size = 34
accountno2.minsize = 1
branchcode.size = 11
branchcode.minsize = 0
bic.size = 11
bic.minsize = 0
account.shortname.size = 30
account.shortname.minsize = 0
```

```
freetext.size = 200
freetext.minsize = 0
image.freetext.size = 2000
image.freetext.minsize = 0
image.text1.size = 64
image.text1.minsize = 0
image.text2.size = 64
image.text2.minsize = 0
image.number.size = 5
image.number.minsize = 1
image.index.size = 4
image.index.minsize = 1
image.imageid.size = 20
image.imageid.minsize = 0
---------------------------------------------

------ signatory ----------------------------
fname.size = 30
fname.minsize = 0
mname.size = 30
lname.size = 40
lname.minsize = 3
title.size = 30
position.size = 30
personalid.size = 20
personalid.minsize = 0
instrtext.size = 200
---------------------------------------------

------ stockimage ---------------------------
stockimage.docid.size=30
stockimage.docid.minsize=0
---------------------------------------------

------ group --------------------------------
group.size = 1
groupdesc.size = 30
---------------------------------------------

------ user ---------------------------------
userid.size = 16
userid.minsize = 0
password.size = 7
password.minsize = 1
password.minNumbers = 0
password.minLetters = 0
password.minUpperCaseLetters = 0
password.minLowerCaseLetters = 0
password.minPunctuationChars = 0
---------------------------------------------

------ document -----------------------------
documentid.size = 20
documentid.minsize = 1
documenttype.size = 20
documenttype.minsize = 1
documentwidth.size = 4
documentwidth.minsize = 1
documentheight.size = 4
documentheight.minsize = 1
documentrotation.size = 20
documentrotation.minsize = 1
documentfreetext.size = 200
documentfreetext.minsize = 0
```

----

action.properties

Contains configuration for all actions in menu and toolbar.

Normally there is no need to change anything in this file for customization except if you want to provide a new menu/toolbar actions in a customization. See Example 1: New toolbar and menu action how to achieve this by an example.

menu.properties

Contains configuration for the default menu.

Key	Default	Description
MainMenu	File Edit Display Scan Verify Inclearing Help	The menu items of the main menu in customer model
MainMenuAccount	FileAccount EditAccount DisplayAccnt Scan VerifyAccnt Inclearing Help	The menu items of the main menu in account model

Settings of a menu entry

Key	Description
Type	The type of the menu item. M - the menu item is a menu itself and provides a sub menu list in property *.MenuItems I - the menu item is an executable menu action and the property *.MenuItems is empty
Label	The label of the menu item
Mnemonic	The mnemonic character of the menu entry (menu can be reached via keyboard by pressing ALT_Key + the specified character)
Accelerator	The shortcut of the menu entry (e.g F3 key)
Command	The command string which is used in the Action class for referencing this menu item. If Type=M this setting is empty
Action	The action class that implements the functionality of the menu entry. If Type=M this setting is empty
Visible	1 - menu item is visible
Enabled	1 - menu item is enabled
MenuItems	A list a sub menu items. If Type=I this setting is empty

Key	Description
Icon	The icon of the menu item. ⓘ The icon should normally be defined in action.properties configuration.

See Toolbar and menu actions for a description of the menu items.

File menu

```
File.Type=M
File.Label=*language*Menu.File.Label
File.Mnemonic=*language*Menu.File.Mnemonic
File.Accelerator=
File.Command=
File.Action=
File.Visible=1
File.Enabled=1
File.MenuItems=Login Logout - SearchCustomer SearchAccount SearchUnboundVariants -
 AuditSearch AuditCompare - ReadXML WriteXML - SaveWorkspace ResetWorkspace - Options
 Pause - Exit

FileAccount.Type=M
FileAccount.Label=*language*Menu.File.Label
FileAccount.Mnemonic=*language*Menu.File.Mnemonic
FileAccount.Accelerator=
FileAccount.Command=
FileAccount.Action=
FileAccount.Visible=1
FileAccount.Enabled=1
FileAccount.MenuItems=Login Logout - SearchCustomerAccount SearchUnboundVariants -
 AuditSearch AuditCompare - ReadXML WriteXML - SaveWorkspace ResetWorkspace - Options
 Pause - Exit

Login.Type=I
Login.Label=*language*Menu.Login.Label
Login.Mnemonic=*language*Menu.Login.Mnemonic
Login.Accelerator=
Login.Command=Login
Login.Action=SBAC_Login
Login.Visible=*custom*UseSignSec
Login.Enabled=1
Login.MenuItems=

Logout.Type=I
Logout.Label=*language*Menu.Logout.Label
Logout.Mnemonic=*language*Menu.Logout.Mnemonic
Logout.Accelerator=
Logout.Command=Logout
Logout.Action=SBAC_Logout
Logout.Visible=*custom*UseSignSec
Logout.Enabled=1
Logout.MenuItems=

SearchCustomer.Type=I
SearchCustomer.Label=*language*Menu.SearchCustomer.Label
SearchCustomer.Mnemonic=*language*Menu.SearchCustomer.Mnemonic
SearchCustomer.Accelerator=F3
SearchCustomer.Command=SearchCustomer
SearchCustomer.Action=SBAC_SearchCustomer
```

```
SearchCustomer.Visible=1
SearchCustomer.Enabled=1
SearchCustomer.MenuItems=

SearchAccount.Type=I
SearchAccount.Label=*language*Menu.SearchAccount.Label
SearchAccount.Mnemonic=*language*Menu.SearchAccount.Mnemonic
SearchAccount.Accelerator=Shift+F3
SearchAccount.Command=SearchAccount
SearchAccount.Action=SBAC_SearchAccount
SearchAccount.Visible=1
SearchAccount.Enabled=1
SearchAccount.MenuItems=

WriteXML.Type=I
WriteXML.Label=*language*Menu.WriteXML.Label
WriteXML.Mnemonic=*language*Menu.WriteXML.Mnemonic
WriteXML.Accelerator=
WriteXML.Command=WriteXML
WriteXML.Action=SBAC_WriteXML
WriteXML.Visible=1
WriteXML.Enabled=1
WriteXML.MenuItems=

ReadXML.Type=I
ReadXML.Label=*language*Menu.ReadXML.Label
ReadXML.Mnemonic=*language*Menu.ReadXML.Mnemonic
ReadXML.Accelerator=
ReadXML.Command=ReadXML
ReadXML.Action=SBAC_ReadXML
ReadXML.Visible=1
ReadXML.Enabled=1
ReadXML.MenuItems=

SearchCustomerAccount.Type=I
SearchCustomerAccount.Label=*language*Menu.SearchAccount.Label
SearchCustomerAccount.Mnemonic=*language*Menu.SearchAccount.Mnemonic
SearchCustomerAccount.Accelerator=F3
SearchCustomerAccount.Command=SearchAccount
SearchCustomerAccount.Action=SBAC_SearchAccount
SearchCustomerAccount.Visible=1
SearchCustomerAccount.Enabled=1
SearchCustomerAccount.MenuItems=

SearchUnboundVariants.Type=I
SearchUnboundVariants.Label=*language*Menu.SearchUnboundVariants.Label
SearchUnboundVariants.Mnemonic=*language*Menu.SearchUnboundVariants.Mnemonic
SearchUnboundVariants.Accelerator=
SearchUnboundVariants.Command=SearchUnboundVariants
SearchUnboundVariants.Action=SBAC_SearchUnboundVariants
SearchUnboundVariants.Visible=1
SearchUnboundVariants.Enabled=1
SearchUnboundVariants.MenuItems=

AuditSearch.Type=I
AuditSearch.Label=*language*Menu.AuditSearch.Label
AuditSearch.Mnemonic=*language*Menu.AuditSearch.Mnemonic
AuditSearch.Accelerator=
AuditSearch.Command=AuditSearch
AuditSearch.Action=SBAC_AuditSearch
AuditSearch.Visible=1
AuditSearch.Enabled=1
AuditSearch.MenuItems=
```

```
AuditCompare.Type=I
AuditCompare.Label=*language*Menu.AuditCompare.Label
AuditCompare.Mnemonic=*language*Menu.AuditCompare.Mnemonic
AuditCompare.Accelerator=
AuditCompare.Command=AuditCompare
AuditCompare.Action=SBAC_AuditCompare
AuditCompare.Visible=1
AuditCompare.Enabled=1
AuditCompare.MenuItems=

SaveWorkspace.Type=I
SaveWorkspace.Label=*language*Menu.SaveWorkspace.Label
SaveWorkspace.Mnemonic=*language*Menu.SaveWorkspace.Mnemonic
SaveWorkspace.Accelerator=Ctrl+S
SaveWorkspace.Command=SaveWorkspace
SaveWorkspace.Action=SBAC_SaveWorkspace
SaveWorkspace.Visible=1
SaveWorkspace.Enabled=1
SaveWorkspace.MenuItems=

ResetWorkspace.Type=I
ResetWorkspace.Label=*language*Menu.ResetWorkspace.Label
ResetWorkspace.Mnemonic=*language*Menu.ResetWorkspace.Mnemonic
ResetWorkspace.Accelerator=
ResetWorkspace.Command=ResetWorkspace
ResetWorkspace.Action=SBAC_ResetWorkspace
ResetWorkspace.Visible=1
ResetWorkspace.Enabled=1
ResetWorkspace.MenuItems=

Options.Type=I
Options.Label=*language*Menu.Options.Label
Options.Mnemonic=*language*Menu.Options.Mnemonic
Options.Accelerator=
Options.Command=Options
Options.Action=SBAC_Options
Options.Visible=1
Options.Enabled=1
Options.MenuItems=

TestConnection.Type=I
TestConnection.Label=*language*Menu.TestConnection.Label
TestConnection.Mnemonic=*language*Menu.TestConnection.Mnemonic
TestConnection.Accelerator=
TestConnection.Command=TestConnection
TestConnection.Action=SBAC_TestConnection
TestConnection.Visible=0
TestConnection.Enabled=1
TestConnection.MenuItems=

Pause.Type=I
Pause.Label=*language*Menu.Pause.Label
Pause.Mnemonic=*language*Menu.Pause.Mnemonic
Pause.Accelerator=
Pause.Command=Pause
Pause.Action=SBAC_Pause
Pause.Visible=*custom*UseSignSec
Pause.Enabled=1
Pause.MenuItems=

Exit.Type=I
Exit.Label=*language*Menu.Exit.Label
Exit.Mnemonic=*language*Menu.Exit.Mnemonic
Exit.Accelerator=
```

```
Exit.Command=Exit
Exit.Action=SBAC_Exit
Exit.Visible=1
Exit.Enabled=1
Exit.MenuItems=
```

Edit menu

```
Edit.Type=M
Edit.Label=*language*Menu.Edit.Label
Edit.Mnemonic=*language*Menu.Edit.Mnemonic
Edit.Accelerator=
Edit.Command=Edit
Edit.Action=
Edit.Visible=1
Edit.Enabled=1
Edit.MenuItems=NewCustomer NewAccount NewSignatory NewVariant NewChop - ChangeCustomer
 ChangeAccount EditSignatory EditRules EditGroups EditCheckstock CopySignatories -
 HighlightPatterns - DeleteCustomer DeleteAccount DeleteSignature DeleteStockImage
 DeletePDFDocument DeleteSignatory - DeleteFraudulent MarkFraudulent - AssignVariants

EditAccount.Type=M
EditAccount.Label=*language*Menu.Edit.Label
EditAccount.Mnemonic=*language*Menu.Edit.Mnemonic
EditAccount.Accelerator=
EditAccount.Command=Edit
EditAccount.Action=
EditAccount.Visible=1
EditAccount.Enabled=1
EditAccount.MenuItems=NewAccount NewSignatory NewVariant NewChop - EditSignatory
 ChangeAccount EditRules EditGroups EditCheckstock CopySignatories - HighlightPatterns
 - DeleteAccount DeleteSignature DeleteStockImage DeletePDFDocument DeleteSignatory -
 DeleteFraudulent MarkFraudulent - AssignVariants

NewVariant.Type=I
NewVariant.Label=*language*Menu.NewVariant.Label
NewVariant.Mnemonic=*language*Menu.NewVariant.Mnemonic
NewVariant.Accelerator=
NewVariant.Command=NewVariant
NewVariant.Action=SBAC_NewVariant
NewVariant.Visible=1
NewVariant.Enabled=1
NewVariant.MenuItems=

NewChop.Type=I
NewChop.Label=*language*Menu.NewChop.Label
NewChop.Mnemonic=*language*Menu.NewChop.Mnemonic
NewChop.Accelerator=
NewChop.Command=NewChop
NewChop.Action=SBAC_NewChop
NewChop.Visible=1
NewChop.Enabled=1
NewChop.MenuItems=

NewSignatory.Type=I
NewSignatory.Label=*language*Menu.NewSignatory.Label
NewSignatory.Mnemonic=*language*Menu.NewSignatory.Mnemonic
NewSignatory.Accelerator=Ctrl+N
NewSignatory.Command=NewSignatory
NewSignatory.Action=SBAC_NewSignatory
NewSignatory.Visible=1
NewSignatory.Enabled=1
```

```
NewSignatory.MenuItems=

NewCustomer.Type=I
NewCustomer.Label=*language*Menu.NewCustomer.Label
NewCustomer.Mnemonic=*language*Menu.NewCustomer.Mnemonic
NewCustomer.Accelerator=
NewCustomer.Command=NewCustomer
NewCustomer.Action=SBAC_NewCustomer
NewCustomer.Visible=1
NewCustomer.Enabled=1
NewCustomer.MenuItems=

NewAccount.Type=I
NewAccount.Label=*language*Menu.NewAccount.Label
NewAccount.Mnemonic=*language*Menu.NewAccount.Mnemonic
NewAccount.Accelerator=
NewAccount.Command=NewAccount
NewAccount.Action=SBAC_NewAccount
NewAccount.Visible=1
NewAccount.Enabled=1
NewAccount.MenuItems=

EditSignatory.Type=I
EditSignatory.Label=*language*Menu.EditSignatory.Label
EditSignatory.Mnemonic=*language*Menu.EditSignatory.Mnemonic
EditSignatory.Accelerator=
EditSignatory.Command=EditSignatory
EditSignatory.Action=SBAC_EditSignatory
EditSignatory.Visible=1
EditSignatory.Enabled=1
EditSignatory.MenuItems=

ChangeCustomer.Type=I
ChangeCustomer.Label=*language*Menu.ChangeCustomer.Label
ChangeCustomer.Mnemonic=*language*Menu.ChangeCustomer.Mnemonic
ChangeCustomer.Accelerator=
ChangeCustomer.Command=ChangeCustomer
ChangeCustomer.Action=SBAC_ChangeCustomer
ChangeCustomer.Visible=1
ChangeCustomer.Enabled=1
ChangeCustomer.MenuItems=

ChangeAccount.Type=I
ChangeAccount.Label=*language*Menu.ChangeAccount.Label
ChangeAccount.Mnemonic=*language*Menu.ChangeAccount.Mnemonic
ChangeAccount.Accelerator=
ChangeAccount.Command=ChangeAccount
ChangeAccount.Action=SBAC_ChangeAccount
ChangeAccount.Visible=1
ChangeAccount.Enabled=1
ChangeAccount.MenuItems=

EditGroups.Type=I
EditGroups.Label=*language*Menu.EditGroups.Label
EditGroups.Mnemonic=*language*Menu.EditGroups.Mnemonic
EditGroups.Accelerator=
EditGroups.Command=EditGroups
EditGroups.Action=SBAC_EditGroups
EditGroups.Visible=1
EditGroups.Enabled=1
EditGroups.MenuItems=

CopySignatories.Type=I
CopySignatories.Label=*language*Menu.CopySignatories.Label
```

```
CopySignatories.Mnemonic=*language*Menu.CopySignatories.Mnemonic
CopySignatories.Accelerator=
CopySignatories.Command=CopySignatories
CopySignatories.Action=SBAC_CopySignatories
CopySignatories.Visible=1
CopySignatories.Enabled=1
CopySignatories.MenuItems=

HighlightPatterns.Type=M
HighlightPatterns.Label=*language*Menu.HighlightPatterns.Label
HighlightPatterns.Mnemonic=*language*Menu.HighlightPatterns.Mnemonic
HighlightPatterns.Accelerator=
HighlightPatterns.Command=HighlightPatterns
HighlightPatterns.Action=
HighlightPatterns.Visible=1
HighlightPatterns.Enabled=1
HighlightPatterns.MenuItems = SBAC_HighlightPatterns_CheckAmount
 SBAC_HighlightPatterns_AccountNumber SBAC_HighlightPatterns_BranchNumber

SBAC_HighlightPatterns_CheckAmount.Type=I
SBAC_HighlightPatterns_CheckAmount.Label =
 *language*Menu.HighlightPatterns_CheckAmount.Label
SBAC_HighlightPatterns_CheckAmount.Mnemonic =
 *language*Menu.HighlightPatterns_CheckAmount.Mnemonic
SBAC_HighlightPatterns_CheckAmount.Accelerator=
SBAC_HighlightPatterns_CheckAmount.Command=CheckAmount
SBAC_HighlightPatterns_CheckAmount.Action = SBAC_HighlightPatterns_CheckAmount
SBAC_HighlightPatterns_CheckAmount.Visible=1
SBAC_HighlightPatterns_CheckAmount.Enabled=1
SBAC_HighlightPatterns_CheckAmount.MenuItems=

SBAC_HighlightPatterns_AccountNumber.Type=I
SBAC_HighlightPatterns_AccountNumber.Label =
 *language*Menu.HighlightPatterns_AccountNumber.Label
SBAC_HighlightPatterns_AccountNumber.Mnemonic =
 *language*Menu.HighlightPatterns_AccountNumber.Mnemonic
SBAC_HighlightPatterns_AccountNumber.Accelerator=
SBAC_HighlightPatterns_AccountNumber.Command = AccountNumber
SBAC_HighlightPatterns_AccountNumber.Action = SBAC_HighlightPatterns_AccountNumber
SBAC_HighlightPatterns_AccountNumber.Visible=1
SBAC_HighlightPatterns_AccountNumber.Enabled=1
SBAC_HighlightPatterns_AccountNumber.MenuItems=

SBAC_HighlightPatterns_BranchNumber.Type=I
SBAC_HighlightPatterns_BranchNumber.Label =
 *language*Menu.HighlightPatterns_BranchNumber.Label
SBAC_HighlightPatterns_BranchNumber.Mnemonic =
 *language*Menu.HighlightPatterns_BranchNumber.Mnemonic
SBAC_HighlightPatterns_BranchNumber.Accelerator=
SBAC_HighlightPatterns_BranchNumber.Command = BranchNumber
SBAC_HighlightPatterns_BranchNumber.Action = SBAC_HighlightPatterns_BranchNumber
SBAC_HighlightPatterns_BranchNumber.Visible=1
SBAC_HighlightPatterns_BranchNumber.Enabled=1
SBAC_HighlightPatterns_BranchNumber.MenuItems=

EditRules.Type=I
EditRules.Label = *language*Menu.EditRules.Label
EditRules.Mnemonic = *language*Menu.EditRules.Mnemonic
EditRules.Accelerator=
EditRules.Command=EditRules
EditRules.Action=SBAC_EditRules
EditRules.Visible=1
EditRules.Enabled=1
EditRules.MenuItems=
```

```
DeleteSignatory.Type=I
DeleteSignatory.Label = *language*Menu.DeleteSignatory.Label
DeleteSignatory.Mnemonic = *language*Menu.DeleteSignatory.Mnemonic
DeleteSignatory.Accelerator=Ctrl+Delete
DeleteSignatory.Command=DeleteSignatory
DeleteSignatory.Action=SBAC_DeleteSignatory
DeleteSignatory.Visible=1
DeleteSignatory.Enabled=1
DeleteSignatory.MenuItems=

RestoreSignatory.Type=I
RestoreSignatory.Label = *language*Menu.RestoreSignatory.Label
RestoreSignatory.Mnemonic = *language*Menu.RestoreSignatory.Mnemonic
RestoreSignatory.Accelerator=Ctrl+Delete
RestoreSignatory.Command=DeleteSignatory
RestoreSignatory.Action=SBAC_DeleteSignatory
RestoreSignatory.Visible=1
RestoreSignatory.Enabled=1
RestoreSignatory.MenuItems=

DeleteFraudulent.Type=I
DeleteFraudulent.Label = *language*Menu.DeleteFraudulent.Label
DeleteFraudulent.Mnemonic = *language*Menu.DeleteFraudulent.Mnemonic
DeleteFraudulent.Accelerator=
DeleteFraudulent.Command=DeleteFraudulent
DeleteFraudulent.Action=SBAC_DeleteFraudulent
DeleteFraudulent.Visible=1
DeleteFraudulent.Enabled=1
DeleteFraudulent.MenuItems=

MarkFraudulent.Type=I
MarkFraudulent.Label=*language*Menu.MarkFraudulent.Label
MarkFraudulent.Mnemonic=*language*Menu.MarkFraudulent.Mnemonic
MarkFraudulent.Accelerator=
MarkFraudulent.Command=MarkFraudulent
MarkFraudulent.Action=SBAC_MarkFraudulent
MarkFraudulent.Visible=0
MarkFraudulent.Enabled=1
MarkFraudulent.MenuItems=

DeleteSignature.Type=I
DeleteSignature.Label=*language*Menu.DeleteSignature.Label
DeleteSignature.Mnemonic=*language*Menu.DeleteSignature.Mnemonic
DeleteSignature.Accelerator=
DeleteSignature.Command=DeleteSignature
DeleteSignature.Action=SBAC_DeleteImage
DeleteSignature.Visible=*custom*SignInfo
DeleteSignature.Enabled=1
DeleteSignature.MenuItems=
DeleteSignature.Icon=de/softpro/signplus/client/resources/gif/imageDelete.gif

DeleteStockImage.Type=I
DeleteStockImage.Label=*language*Menu.DeleteStockImage.Label
DeleteStockImage.Mnemonic=*language*Menu.DeleteStockImage.Mnemonic
DeleteStockImage.Accelerator=
DeleteStockImage.Command=DeleteStockImage
DeleteStockImage.Action=SBAC_DeleteStockImage
DeleteStockImage.Visible=*custom*Checkstock
DeleteStockImage.Enabled=1
DeleteStockImage.MenuItems=
DeleteStockImage.Icon=de/softpro/signplus/client/resources/gif/
checkstockImageDelete.gif
```

```
DeletePDFDocument.Type=I
DeletePDFDocument.Label=*language*Menu.DeletePDFDocument.Label
DeletePDFDocument.Mnemonic=*language*Menu.DeletePDFDocument.Mnemonic
DeletePDFDocument.Accelerator=
DeletePDFDocument.Command=DeletePDFDocument
DeletePDFDocument.Action=SBAC_DeletePDFDocument
DeletePDFDocument.Visible=*layout*PDFDocuments.Visible
DeletePDFDocument.Enabled=1
DeletePDFDocument.MenuItems=

DeleteCustomer.Type=I
DeleteCustomer.Label=*language*Menu.DeleteCustomer.Label
DeleteCustomer.Mnemonic=*language*Menu.DeleteCustomer.Mnemonic
DeleteCustomer.Accelerator=
DeleteCustomer.Command=DeleteCustomer
DeleteCustomer.Action=SBAC_DeleteCustomer
DeleteCustomer.Visible=1
DeleteCustomer.Enabled=1
DeleteCustomer.MenuItems=

DeleteAccount.Type=I
DeleteAccount.Label=*language*Menu.DeleteAccount.Label
DeleteAccount.Mnemonic=*language*Menu.DeleteAccount.Mnemonic
DeleteAccount.Accelerator=
DeleteAccount.Command=DeleteAccount
DeleteAccount.Action=SBAC_DeleteAccount
DeleteAccount.Visible=1
DeleteAccount.Enabled=1
DeleteAccount.MenuItems=

AssignVariants.Type=I
AssignVariants.Label=*language*Menu.AssignVariants.Label
AssignVariants.Mnemonic=*language*Menu.AssignVariants.Mnemonic
AssignVariants.Accelerator=
AssignVariants.Command=AssignVariants
AssignVariants.Action=SBAC_AssignVariants
AssignVariants.Visible=1
AssignVariants.Enabled=1
AssignVariants.MenuItems=

EditCheckstock.Type=I
EditCheckstock.Label=*language*Menu.EditCheckstock.Label
EditCheckstock.Mnemonic=*language*Menu.EditCheckstock.Mnemonic
EditCheckstock.Accelerator=
EditCheckstock.Command=EditCheckstock
EditCheckstock.Action=SBAC_EditCheckstock
EditCheckstock.Visible=*custom*Checkstock
EditCheckstock.Enabled=1
EditCheckstock.MenuItems=
```

Scan menu

```
Scan.Type=M
Scan.Label=*language*Menu.Scan.Label
Scan.Mnemonic=*language*Menu.Scan.Mnemonic
Scan.Accelerator=
Scan.Command=Scan
Scan.Action=
Scan.Visible=1
Scan.Enabled=1
```

```
Scan.MenuItems=ScanSignInfo LoadImage - ScanCheckstock LoadCheckstock - ScanSignature
 EditSignature

ScanSignature.Type=I
ScanSignature.Label=*language*Menu.ScanSignature.Label
ScanSignature.Mnemonic=*language*Menu.ScanSignature.Mnemonic
ScanSignature.Accelerator=
ScanSignature.Command=ScanSignature
ScanSignature.Action=SBAC_ScanSignature
ScanSignature.Visible=1
ScanSignature.Enabled=1
ScanSignature.MenuItems=

EditSignature.Type=I
EditSignature.Label=*language*Menu.EditSignature.Label
EditSignature.Mnemonic=*language*Menu.EditSignature.Mnemonic
EditSignature.Accelerator=
EditSignature.Command=EditSignature
EditSignature.Action=SBAC_EditSignature
EditSignature.Visible=1
EditSignature.Enabled=1
EditSignature.MenuItems=

LoadCheckstock.Type=I
LoadCheckstock.Label=*language*Menu.LoadCheckstock.Label
LoadCheckstock.Mnemonic=*language*Menu.LoadCheckstock.Mnemonic
LoadCheckstock.Accelerator=
LoadCheckstock.Command=LoadCheckstock
LoadCheckstock.Action=SBAC_LoadCheckstock
LoadCheckstock.Visible=*custom*Checkstock
LoadCheckstock.Enabled=1
LoadCheckstock.MenuItems=
LoadCheckstock.Icon=de/softpro/signplus/client/resources/gif/checkstockLoad.gif

ScanCheckstock.Type=I
ScanCheckstock.Label=*language*Menu.ScanCheckstock.Label
ScanCheckstock.Mnemonic=*language*Menu.ScanCheckstock.Mnemonic
ScanCheckstock.Accelerator=
ScanCheckstock.Command=ScanCheckstock
ScanCheckstock.Action=SBAC_ScanCheckstock
ScanCheckstock.Visible=*custom*Checkstock
ScanCheckstock.Enabled=1
ScanCheckstock.MenuItems=
ScanCheckstock.Icon=de/softpro/signplus/client/resources/gif/checkstockScan.gif
```

Display menu

```
Display.Type=M
Display.Label=*language*Menu.Display.Label
Display.Mnemonic=*language*Menu.Display.Mnemonic
Display.Accelerator=
Display.Command=Display
Display.Action=
Display.Visible=1
Display.Enabled=1
Display.MenuItems=DisplaySignatory DisplayCustomer DisplayAccount
 DisplayRules DisplayGroups - DisplaySignatoriesView DisplayCheckstockView
 DisplayAccountAttachmentView DisplayPDFDocumentView - SelectSignatory SelectAccount -
 LoadSignatures

DisplayAccnt.Type=M
DisplayAccnt.Label=*language*Menu.Display.Label
```

```
DisplayAccnt.Mnemonic=*language*Menu.Display.Mnemonic
DisplayAccnt.Accelerator=
DisplayAccnt.Command=Display
DisplayAccnt.Action=
DisplayAccnt.Visible=1
DisplayAccnt.Enabled=1
DisplayAccnt.MenuItems=DisplayAccount DisplaySignatory DisplayRules DisplayGroups
 - DisplaySignatoriesView DisplayCheckstockView DisplayAccountAttachmentView
 DisplayPDFDocumentView - SelectSignatory LoadSignatures

DisplaySignatory.Type=I
DisplaySignatory.Label=*language*Menu.DisplaySignatory.Label
DisplaySignatory.Mnemonic=*language*Menu.DisplaySignatory.Mnemonic
DisplaySignatory.Accelerator=
DisplaySignatory.Command=DisplaySignatory
DisplaySignatory.Action=SBAC_DisplaySignatory
DisplaySignatory.Visible=1
DisplaySignatory.Enabled=1
DisplaySignatory.MenuItems=

DisplaySignatoriesView.Type=I
DisplaySignatoriesView.Label=*language*Menu.DisplaySignatoriesView.Label
DisplaySignatoriesView.Mnemonic=*language*Menu.DisplaySignatoriesView.Mnemonic
DisplaySignatoriesView.Accelerator=
DisplaySignatoriesView.Command=DisplaySignatoriesView
DisplaySignatoriesView.Action=SBAC_DisplaySignatoriesView
DisplaySignatoriesView.Visible=1
DisplaySignatoriesView.Enabled=1
DisplaySignatoriesView.Style=c
DisplaySignatoriesView.MenuItems=

DisplayAccountAttachmentView.Type=I
DisplayAccountAttachmentView.Label = *language*Menu.DisplayAccountAttachmentView.Label
DisplayAccountAttachmentView.Mnemonic =
 *language*Menu.DisplayAccountAttachmentView.Mnemonic
DisplayAccountAttachmentView.Accelerator=
DisplayAccountAttachmentView.Command=DisplayAccountAttachmentView
DisplayAccountAttachmentView.Action=SBAC_DisplayAccountAttachmentView
DisplayAccountAttachmentView.Visible=*custom*SignInfo
DisplayAccountAttachmentView.Enabled=1
DisplayAccountAttachmentView.Style=c
DisplayAccountAttachmentView.MenuItems=

DisplayCheckstockView.Type=I
DisplayCheckstockView.Label=*language*Menu.DisplayCheckstockView.Label
DisplayCheckstockView.Mnemonic=*language*Menu.DisplayCheckstockView.Mnemonic
DisplayCheckstockView.Accelerator=
DisplayCheckstockView.Command=DisplayCheckstockView
DisplayCheckstockView.Action=SBAC_DisplayCheckstockView
DisplayCheckstockView.Visible=*custom*Checkstock
DisplayCheckstockView.Enabled=1
DisplayCheckstockView.Style=c
DisplayCheckstockView.MenuItems=

DisplayPDFDocumentView.Type=I
DisplayPDFDocumentView.Label=*language*Menu.DisplayPDFDocumentView.Label
DisplayPDFDocumentView.Mnemonic=*language*Menu.DisplayPDFDocumentView.Mnemonic
DisplayPDFDocumentView.Accelerator=
DisplayPDFDocumentView.Command=DisplayPDFDocumentView
DisplayPDFDocumentView.Action=SBAC_DisplayPDFDocumentView
DisplayPDFDocumentView.Visible=*layout*PDFDocuments.Visible
DisplayPDFDocumentView.Enabled=1
DisplayPDFDocumentView.Style=c
DisplayPDFDocumentView.MenuItems=
```

```
DisplayCustomer.Type=I
DisplayCustomer.Label=*language*Menu.DisplayCustomer.Label
DisplayCustomer.Mnemonic=*language*Menu.DisplayCustomer.Mnemonic
DisplayCustomer.Accelerator=
DisplayCustomer.Command=DisplayCustomer
DisplayCustomer.Action=SBAC_DisplayCustomer
DisplayCustomer.Visible=1
DisplayCustomer.Enabled=1
DisplayCustomer.MenuItems=

DisplayAccount.Type=I
DisplayAccount.Label=*language*Menu.DisplayAccount.Label
DisplayAccount.Mnemonic=*language*Menu.DisplayAccount.Mnemonic
DisplayAccount.Accelerator=
DisplayAccount.Command=DisplayAccount
DisplayAccount.Action=SBAC_DisplayAccount
DisplayAccount.Visible=1
DisplayAccount.Enabled=1
DisplayAccount.MenuItems=

DisplayGroups.Type=I
DisplayGroups.Label=*language*Menu.DisplayGroups.Label
DisplayGroups.Mnemonic=*language*Menu.DisplayGroups.Mnemonic
DisplayGroups.Accelerator=
DisplayGroups.Command=DisplayGroups
DisplayGroups.Action=SBAC_DisplayGroups
DisplayGroups.Visible=1
DisplayGroups.Enabled=1
DisplayGroups.MenuItems=

DisplayRules.Type=I
DisplayRules.Label=*language*Menu.DisplayRules.Label
DisplayRules.Mnemonic=*language*Menu.DisplayRules.Mnemonic
DisplayRules.Accelerator=
DisplayRules.Command=DisplayRules
DisplayRules.Action=SBAC_DisplayRules
DisplayRules.Visible=1
DisplayRules.Enabled=1
DisplayRules.MenuItems=

SelectSignatory.Type=I
SelectSignatory.Label=*language*Menu.SelectSignatory.Label
SelectSignatory.Mnemonic=*language*Menu.SelectSignatory.Mnemonic
SelectSignatory.Accelerator=
SelectSignatory.Command=SelectSignatory
SelectSignatory.Action=SBAC_SelectSignatory
SelectSignatory.Visible=1
SelectSignatory.Enabled=1
SelectSignatory.MenuItems=

SelectAccount.Type=I
SelectAccount.Label=*language*Menu.SelectAccount.Label
SelectAccount.Mnemonic=*language*Menu.SelectAccount.Mnemonic
SelectAccount.Accelerator=
SelectAccount.Command=SelectAccount
SelectAccount.Action=SBAC_SelectAccount
SelectAccount.Visible=1
SelectAccount.Enabled=1
SelectAccount.MenuItems=

LoadSignatures.Type=I
LoadSignatures.Label=*language*Menu.LoadSignatures.Label
LoadSignatures.Mnemonic=*language*Menu.LoadSignatures.Mnemonic
```

```
LoadSignatures.Accelerator=
LoadSignatures.Command=LoadSignatures
LoadSignatures.Action=SBAC_LoadSignatures
LoadSignatures.Visible=1
LoadSignatures.Enabled=1
LoadSignatures.MenuItems=
```

Verify menu

```
Verify.Type=M
Verify.Label=*language*Menu.Verify.Label
Verify.Mnemonic=*language*Menu.Verify.Mnemonic
Verify.Accelerator=
Verify.Command=Verify
Verify.Action=
Verify.Visible=1
Verify.Enabled=1
Verify.MenuItems=VerifyCustomer DisplayChangesCustomer DisplayCustomersNotVerified

VerifyAccnt.Type=M
VerifyAccnt.Label=*language*Menu.Verify.Label
VerifyAccnt.Mnemonic=*language*Menu.Verify.Mnemonic
VerifyAccnt.Accelerator=
VerifyAccnt.Command=Verify
VerifyAccnt.Action=
VerifyAccnt.Visible=1
VerifyAccnt.Enabled=1
VerifyAccnt.MenuItems=VerifyAccount DisplayChangesAccount DisplayAccountsNotVerified

VerifyCustomer.Type=I
VerifyCustomer.Label=*language*Menu.VerifyCustomer.Label
VerifyCustomer.Mnemonic=*language*Menu.VerifyCustomer.Mnemonic
VerifyCustomer.Accelerator=F2
VerifyCustomer.Command=VerifyCustomer
VerifyCustomer.Action=SBAC_VerifyCustomer
VerifyCustomer.Visible=1
VerifyCustomer.Enabled=1
VerifyCustomer.MenuItems=

VerifyAccount.Type=I
VerifyAccount.Label=*language*Menu.VerifyAccount.Label
VerifyAccount.Mnemonic=*language*Menu.VerifyAccount.Mnemonic
VerifyAccount.Accelerator=F2
VerifyAccount.Command=VerifyCustomer
VerifyAccount.Action=SBAC_VerifyCustomer
VerifyAccount.Visible=1
VerifyAccount.Enabled=1
VerifyAccount.MenuItems=

DisplayChangesCustomer.Type=I
DisplayChangesCustomer.Label=*language*Menu.DisplayChangesCustomer.Label
DisplayChangesCustomer.Mnemonic=*language*Menu.DisplayChangesCustomer.Mnemonic
DisplayChangesCustomer.Accelerator=
DisplayChangesCustomer.Command=DisplayChangesCustomer
DisplayChangesCustomer.Action=SBAC_DisplayChangesCustomer
DisplayChangesCustomer.Visible=1
DisplayChangesCustomer.Enabled=1
DisplayChangesCustomer.MenuItems=

DisplayChangesAccount.Type=I
DisplayChangesAccount.Label=*language*Menu.DisplayChangesAccount.Label
DisplayChangesAccount.Mnemonic=*language*Menu.DisplayChangesAccount.Mnemonic
```

```
DisplayChangesAccount.Accelerator=
DisplayChangesAccount.Command=DisplayChangesCustomer
DisplayChangesAccount.Action=SBAC_DisplayChangesCustomer
DisplayChangesAccount.Visible=1
DisplayChangesAccount.Enabled=1
DisplayChangesAccount.MenuItems=

DisplayCustomersNotVerified.Type=I
DisplayCustomersNotVerified.Label = *language*Menu.DisplayCustomersNotVerified.Label
DisplayCustomersNotVerified.Mnemonic =
 *language*Menu.DisplayCustomersNotVerified.Mnemonic
DisplayCustomersNotVerified.Accelerator=
DisplayCustomersNotVerified.Command=DisplayCustomersNotVerified
DisplayCustomersNotVerified.Action=SBAC_DisplayCustomersNotVerified
DisplayCustomersNotVerified.Visible=1
DisplayCustomersNotVerified.Enabled=1
DisplayCustomersNotVerified.MenuItems=

DisplayAccountsNotVerified.Type=I
DisplayAccountsNotVerified.Label=*language*Menu.DisplayAccountsNotVerified.Label
DisplayAccountsNotVerified.Mnemonic=*language*Menu.DisplayAccountsNotVerified.Mnemonic
DisplayAccountsNotVerified.Accelerator=
DisplayAccountsNotVerified.Command=DisplayCustomersNotVerified
DisplayAccountsNotVerified.Action=SBAC_DisplayCustomersNotVerified
DisplayAccountsNotVerified.Visible=1
DisplayAccountsNotVerified.Enabled=1
DisplayAccountsNotVerified.MenuItems=
```

In-clearing menu

```
Inclearing.Type=M
Inclearing.Label=*language*Menu.Inclearing.Label
Inclearing.Mnemonic=*language*Menu.Inclearing.Mnemonic
Inclearing.Accelerator=
Inclearing.Command=Inclearing
Inclearing.Action=
Inclearing.Visible=*settings*QueueEmulation.Enabled
Inclearing.Enabled=1
Inclearing.MenuItems=resetQueue finishQueue - getNext getPrev - getNextH getPrevH -
 acceptQueueItem rejectQueueItem

resetQueue.Type=I
resetQueue.Label=*language*Menu.ResetQueue.Label
resetQueue.Mnemonic=*language*Menu.ResetQueue.Mnemonic
resetQueue.Accelerator=
resetQueue.Command=resetQueue
resetQueue.Action=SBAC_ResetQueue
resetQueue.Visible=1
resetQueue.Enabled=1
resetQueue.MenuItems=

finishQueue.Type=I
finishQueue.Label=*language*Menu.FinishQueue.Label
finishQueue.Mnemonic=*language*Menu.FinishQueue.Mnemonic
finishQueue.Accelerator=
finishQueue.Command=finishQueue
finishQueue.Action=SBAC_FinishQueue
finishQueue.Visible=*settings*UseICServer
finishQueue.Enabled=1
finishQueue.MenuItems=

getPrev.Type=I
```

```
getPrev.Label=*language*Menu.GetPrev.Label
getPrev.Mnemonic=*language*Menu.GetPrev.Mnemonic
getPrev.Accelerator=Shift+F7
getPrev.Command=getPrev
getPrev.Action=SBAC_PrevQueueEntry
getPrev.Visible=1
getPrev.Enabled=1
getPrev.MenuItems=

getPrevH.Type=I
getPrevH.Label=*language*Menu.GetPrevH.Label
getPrevH.Mnemonic=*language*Menu.GetPrevH.Mnemonic
getPrevH.Accelerator=
getPrevH.Command=getPrevH
getPrevH.Action=SBAC_PrevQueueEntryH
getPrevH.Visible=1
getPrevH.Enabled=1
getPrevH.MenuItems=

getNext.Type=I
getNext.Label=*language*Menu.GetNext.Label
getNext.Mnemonic=*language*Menu.GetNext.Mnemonic
getNext.Accelerator=F7
getNext.Command=getNext
getNext.Action=SBAC_NextQueueEntry
getNext.Visible=1
getNext.Enabled=1
getNext.MenuItems=

getNextH.Type=I
getNextH.Label=*language*Menu.GetNextH.Label
getNextH.Mnemonic=*language*Menu.GetNextH.Mnemonic
getNextH.Accelerator=
getNextH.Command=getNextH
getNextH.Action=SBAC_NextQueueEntryH
getNextH.Visible=1
getNextH.Enabled=1
getNextH.MenuItems=

acceptQueueItem.Type=I
acceptQueueItem.Label=*language*Menu.AcceptQueueItem.Label
acceptQueueItem.Mnemonic=*language*Menu.AcceptQueueItem.Mnemonic
acceptQueueItem.Accelerator=
acceptQueueItem.Command=acceptQueueItem
acceptQueueItem.Action=SBAC_AcceptQueueItem
acceptQueueItem.Visible=*settings*UseICServer
acceptQueueItem.Enabled=1
acceptQueueItem.MenuItems=

rejectQueueItem.Type=I
rejectQueueItem.Label=*language*Menu.RejectQueueItem.Label
rejectQueueItem.Mnemonic=*language*Menu.RejectQueueItem.Mnemonic
rejectQueueItem.Accelerator=
rejectQueueItem.Command=rejectQueueItem
rejectQueueItem.Action=SBAC_RejectQueueItem
rejectQueueItem.Visible=*settings*UseICServer
rejectQueueItem.Enabled=1
rejectQueueItem.MenuItems=
```

Help menu

```
Help.Type=M
```

```
Help.Label=*language*Menu.Help.Label
Help.Mnemonic=*language*Menu.Help.Mnemonic
Help.Accelerator=
Help.Command=Help
Help.Action=
Help.Visible=1
Help.Enabled=1
Help.MenuItems=ShowHelp TraceLog - DisplayInfo

ShowHelp.Type=I
ShowHelp.Label=*language*Menu.ShowHelp.Label
ShowHelp.Mnemonic=*language*Menu.ShowHelp.Mnemonic
ShowHelp.Accelerator=F1
ShowHelp.Command=Help
ShowHelp.Action=SBAC_Help
ShowHelp.Visible=1
ShowHelp.Enabled=1
ShowHelp.MenuItems=

TraceLog.Type=I
TraceLog.Label=*language*Menu.TraceLog.Label
TraceLog.Mnemonic=*language*Menu.TraceLog.Mnemonic
TraceLog.Accelerator=
TraceLog.Command=TraceLog
TraceLog.Action=SBAC_TraceLog
TraceLog.Visible=1
TraceLog.Enabled=1
TraceLog.MenuItems=

DisplayInfo.Type=I
DisplayInfo.Label=*language*Menu.DisplayInfo.Label
DisplayInfo.Mnemonic=*language*Menu.DisplayInfo.Mnemonic
DisplayInfo.Accelerator=
DisplayInfo.Command=DisplayInfo
DisplayInfo.Action=SBAC_DisplayInfo
DisplayInfo.Visible=1
DisplayInfo.Enabled=1
DisplayInfo.MenuItems=
DisplayInfo.Icon=de/softpro/signplus/client/resources/gif/about.gif
```

Popup menu of signatory list

```
SignatoryPopup = DisplayInstruction - DisplaySignatory EditSignatory - DeleteSignatory
SignaturePopup = LoadSignature DisplaySignature EditSignature CreateImage
RulesPopup = DisplayRules EditRules

LoadSignature.Type=I
LoadSignature.Label=*language*Menu.LoadSignature.Label
LoadSignature.Mnemonic=*language*Menu.LoadSignature.Mnemonic
LoadSignature.Accelerator=
LoadSignature.Command=LoadSignature
LoadSignature.Action=SBAC_LoadSignature
LoadSignature.Visible=1
LoadSignature.Enabled=1
LoadSignature.MenuItems=

DisplaySignature.Type=I
DisplaySignature.Label=*language*Menu.DisplaySignature.Label
DisplaySignature.Mnemonic=*language*Menu.DisplaySignature.Mnemonic
DisplaySignature.Accelerator=
DisplaySignature.Command=DisplaySignature
DisplaySignature.Action=SBAC_ShowSignature
```

```
DisplaySignature.Visible=1
DisplaySignature.Enabled=1
DisplaySignature.MenuItems=

DisplayInstruction.Type=I
DisplayInstruction.Label=*language*Menu.DisplayInstruction.Label
DisplayInstruction.Mnemonic=*language*Menu.DisplayInstruction.Mnemonic
DisplayInstruction.Accelerator=
DisplayInstruction.Command=Instruction
DisplayInstruction.Action=SBAC_Instruction
DisplayInstruction.Visible=1
DisplayInstruction.Enabled=1
DisplayInstruction.MenuItems=

CreateImage.Type=I
CreateImage.Label=*language*Menu.CreateImage.Label
CreateImage.Mnemonic=*language*Menu.CreateImage.Mnemonic
CreateImage.Accelerator=
CreateImage.Command=SBAC_CreateImage
CreateImage.Action=SBAC_CreateImage
CreateImage.Visible=1
CreateImage.Enabled=1
CreateImage.MenuItems=
```

Popup menu of overview tree

```
Overview.Account.Popup = ChangeAccount DeleteAccount
Overview.Checkstock.Popup = EditCheckstock DeleteStockImage
Overview.Group.Popup = EditSignatory DeleteSignatory
Overview.Image.Popup = EditAccountAttachment DeleteSignature
Overview.PDF.Popup = EditPDFDocument DeletePDFDocument
Overview.ScannedImage.Popup = DeleteScannedImage
Overview.Signatory.Popup = EditSignatory DeleteSignatory

EditAccountAttachment.Type=I
EditAccountAttachment.Label=*language*Menu.EditAccountAttachment.Label
EditAccountAttachment.Mnemonic=*language*Menu.EditAccountAttachment.Mnemonic
EditAccountAttachment.Accelerator=
EditAccountAttachment.Command=EditAccountAttachment
EditAccountAttachment.Action=SBAC_EditAccountAttachment
EditAccountAttachment.Visible=1
EditAccountAttachment.Enabled=1
EditAccountAttachment.MenuItems=
EditAccountAttachment.Icon=de/softpro/signplus/client/resources/gif/imageEdit.gif

EditPDFDocument.Type=I
EditPDFDocument.Label=*language*Menu.EditPDFDocument.Label
EditPDFDocument.Mnemonic=*language*Menu.EditPDFDocument.Mnemonic
EditPDFDocument.Accelerator=
EditPDFDocument.Command=EditPDFDocument
EditPDFDocument.Action=SBAC_EditPDFDocument
EditPDFDocument.Visible=1
EditPDFDocument.Enabled=1
EditPDFDocument.MenuItems=
EditPDFDocument.Icon=de/softpro/signplus/client/resources/gif/imageEdit.gif

DeletePDFDocument.Type=I
DeletePDFDocument.Label=*language*Menu.DeletePDFDocument.Label
DeletePDFDocument.Mnemonic=*language*Menu.DeletePDFDocument.Mnemonic
DeletePDFDocument.Accelerator=
DeletePDFDocument.Command=DeletePDFDocument
DeletePDFDocument.Action=SBAC_DeletePDFDocument
```

```
DeletePDFDocument.Visible=*layout*PDFDocuments.Visible
DeletePDFDocument.Enabled=1
DeletePDFDocument.MenuItems=

DeleteScannedImage.Type=I
DeleteScannedImage.Label=*language*Menu.DeleteScannedImage.Label
DeleteScannedImage.Mnemonic=*language*Menu.DeleteScannedImage.Mnemonic
DeleteScannedImage.Accelerator=
DeleteScannedImage.Command=DeleteScannedImage
DeleteScannedImage.Action=SBAC_DeleteScannedImage
DeleteScannedImage.Visible=1
DeleteScannedImage.Enabled=1
DeleteScannedImage.MenuItems=
DeleteScannedImage.Icon=de/softpro/signplus/client/resources/gif/imageDelete.gif
```

menuSignInfo.properties

Contains configuration for the menu in SignInfo mode.

Key	Default	Description
MainMenu	File Edit Display Scan Archive Verify Inclearing Help	The menu items of the main menu in customer model
MainMenuAccount	FileAccount EditAccount DisplayAccnt Scan Archive VerifyAccnt Inclearing Help	The menu items of the main menu in account model
MainMenuOnlyImport	FileOnlyImport Help	The menu items of the main menu in import mode (See SignInfo settings. SignInfo.ImportMode)

See Settings of a menu entry for a description of the menu settings.

See Toolbar and menu actions for a description of the menu items.

File menu

```
File.Type=M
File.Label=*language*Menu.File.Label
File.Mnemonic=*language*Menu.File.Mnemonic
File.Accelerator=
File.Command=File
File.Action=
File.Visible=1
File.Enabled=1
File.MenuItems=Login Logout - SearchCustomer SearchAccount SearchUnboundVariants
 SearchUnprocessedImages - SaveWorkspace ResetWorkspace - LoadDocuments ClearDocuments
 - AuditSearch AuditCompare - ReadXML WriteXML  - Options Pause - Exit

FileAccount.Type=M
FileAccount.Label=*language*Menu.File.Label
FileAccount.Mnemonic=*language*Menu.File.Mnemonic
FileAccount.Accelerator=
FileAccount.Command=File
FileAccount.Action=
FileAccount.Visible=1
FileAccount.Enabled=1
```

```
FileAccount.MenuItems=Login Logout - SearchCustomerAccount SearchUnboundVariants
 SearchUnprocessedImages - SaveWorkspace ResetWorkspace - LoadDocuments ClearDocuments
 - AuditSearch AuditCompare - ReadXML WriteXML - Options Pause - Exit

Login.Type=I
Login.Label=*language*Menu.Login.Label
Login.Mnemonic=*language*Menu.Login.Mnemonic
Login.Accelerator=
Login.Command=Login
Login.Action=SBAC_Login
Login.Visible=*custom*UseSignSec
Login.Enabled=1
Login.MenuItems=

Logout.Type=I
Logout.Label=*language*Menu.Logout.Label
Logout.Mnemonic=*language*Menu.Logout.Mnemonic
Logout.Accelerator=
Logout.Command=Logout
Logout.Action=SBAC_Logout
Logout.Visible=*custom*UseSignSec
Logout.Enabled=1
Logout.MenuItems=

SearchCustomer.Type=I
SearchCustomer.Label=*language*Menu.SearchCustomer.Label
SearchCustomer.Mnemonic=*language*Menu.SearchCustomer.Mnemonic
SearchCustomer.Accelerator=F3
SearchCustomer.Command=SearchCustomer
SearchCustomer.Action=SBAC_SearchCustomer
SearchCustomer.Visible=1
SearchCustomer.Enabled=1
SearchCustomer.MenuItems=
SearchCustomer.Icon=de/softpro/signplus/client/resources/gif/customerSearch.gif

SearchAccount.Type=I
SearchAccount.Label=*language*Menu.SearchAccount.Label
SearchAccount.Mnemonic=*language*Menu.SearchAccount.Mnemonic
SearchAccount.Accelerator=Shift+F3
SearchAccount.Command=SearchAccount
SearchAccount.Action=SBAC_SearchAccount
SearchAccount.Visible=1
SearchAccount.Enabled=1
SearchAccount.MenuItems=
SearchAccount.Icon=de/softpro/signplus/client/resources/gif/accountSearch.gif

SearchCustomerAccount.Type=I
SearchCustomerAccount.Label=*language*Menu.SearchAccount.Label
SearchCustomerAccount.Mnemonic=*language*Menu.SearchAccount.Mnemonic
SearchCustomerAccount.Accelerator=F3
SearchCustomerAccount.Command=SearchAccount
SearchCustomerAccount.Action=SBAC_SearchAccount
SearchCustomerAccount.Visible=1
SearchCustomerAccount.Enabled=1
SearchCustomerAccount.MenuItems=
SearchCustomerAccount.Icon=de/softpro/signplus/client/resources/gif/accountSearch.gif

SearchUnboundVariants.Type=I
SearchUnboundVariants.Label=*language*Menu.SearchUnboundVariants.Label
SearchUnboundVariants.Mnemonic=*language*Menu.SearchUnboundVariants.Mnemonic
SearchUnboundVariants.Accelerator=
SearchUnboundVariants.Command=SearchUnboundVariants
SearchUnboundVariants.Action=SBAC_SearchUnboundVariants
SearchUnboundVariants.Visible=1
```

```
SearchUnboundVariants.Enabled=1
SearchUnboundVariants.MenuItems=

SearchUnprocessedImages.Type=I
SearchUnprocessedImages.Label=*language*Menu.SearchUnprocessedImages.Label
SearchUnprocessedImages.Mnemonic=*language*Menu.SearchUnprocessedImages.Mnemonic
SearchUnprocessedImages.Accelerator=
SearchUnprocessedImages.Command=SearchUnprocessedImages
SearchUnprocessedImages.Action=SBAC_DisplayCustomersNotProcessedImages
SearchUnprocessedImages.Visible=1
SearchUnprocessedImages.Enabled=1
SearchUnprocessedImages.MenuItems=

AuditSearch.Type=I
AuditSearch.Label=*language*Menu.AuditSearch.Label
AuditSearch.Mnemonic=*language*Menu.AuditSearch.Mnemonic
AuditSearch.Accelerator=
AuditSearch.Command=AuditSearch
AuditSearch.Action=SBAC_AuditSearch
AuditSearch.Visible=1
AuditSearch.Enabled=1
AuditSearch.MenuItems=

AuditCompare.Type=I
AuditCompare.Label=*language*Menu.AuditCompare.Label
AuditCompare.Mnemonic=*language*Menu.AuditCompare.Mnemonic
AuditCompare.Accelerator=
AuditCompare.Command=AuditCompare
AuditCompare.Action=SBAC_AuditCompare
AuditCompare.Visible=1
AuditCompare.Enabled=1
AuditCompare.MenuItems=

WriteXML.Type=I
WriteXML.Label=*language*Menu.WriteXML.Label
WriteXML.Mnemonic=*language*Menu.WriteXML.Mnemonic
WriteXML.Accelerator=
WriteXML.Command=WriteXML
WriteXML.Action=SBAC_WriteXML
WriteXML.Visible=1
WriteXML.Enabled=1
WriteXML.MenuItems=

ReadXML.Type=I
ReadXML.Label=*language*Menu.ReadXML.Label
ReadXML.Mnemonic=*language*Menu.ReadXML.Mnemonic
ReadXML.Accelerator=
ReadXML.Command=ReadXML
ReadXML.Action=SBAC_ReadXML
ReadXML.Visible=1
ReadXML.Enabled=1
ReadXML.MenuItems=

LoadDocuments.Type=I
LoadDocuments.Label=*language*Menu.LoadDocuments.Label
LoadDocuments.Mnemonic=*language*Menu.LoadDocuments.Mnemonic
LoadDocuments.Accelerator=
LoadDocuments.Command=LoadDocuments
LoadDocuments.Action=SBAC_LoadDocuments
LoadDocuments.Visible=1
LoadDocuments.Enabled=1
LoadDocuments.MenuItems=

ClearDocuments.Type=I
```

```
ClearDocuments.Label=*language*Menu.ClearDocuments.Label
ClearDocuments.Mnemonic=*language*Menu.ClearDocuments.Mnemonic
ClearDocuments.Accelerator=
ClearDocuments.Command=ClearDocuments
ClearDocuments.Action=SBAC_ClearDocuments
ClearDocuments.Visible=1
ClearDocuments.Enabled=1
ClearDocuments.MenuItems=

SaveWorkspace.Type=I
SaveWorkspace.Label=*language*Menu.SaveWorkspace.Label
SaveWorkspace.Mnemonic=*language*Menu.Save.Mnemonic
SaveWorkspace.Accelerator=Ctrl+S
SaveWorkspace.Command=SaveSignInfoWorkspace
SaveWorkspace.Action=SBAC_SaveSignInfoWorkspace
SaveWorkspace.Visible=1
SaveWorkspace.Enabled=1
SaveWorkspace.MenuItems=
SaveWorkspace.Icon=de/softpro/signplus/client/resources/gif/saveWorkspace.gif

ResetWorkspace.Type=I
ResetWorkspace.Label=*language*Menu.ResetWorkspace.Label
ResetWorkspace.Mnemonic=*language*Menu.Clear.Mnemonic
ResetWorkspace.Accelerator=
ResetWorkspace.Command=ResetWorkspace
ResetWorkspace.Action=SBAC_ResetWorkspace
ResetWorkspace.Visible=1
ResetWorkspace.Enabled=1
ResetWorkspace.MenuItems=

Options.Type=I
Options.Label=*language*Menu.Options.Label
Options.Mnemonic=*language*Menu.Options.Mnemonic
Options.Accelerator=
Options.Command=Options
Options.Action=SBAC_Options
Options.Visible=1
Options.Enabled=1
Options.MenuItems=

Pause.Type=I
Pause.Label=*language*Menu.Pause.Label
Pause.Mnemonic=*language*Menu.Pause.Mnemonic
Pause.Accelerator=
Pause.Command=Pause
Pause.Action=SBAC_Pause
Pause.Visible=*custom*UseSignSec
Pause.Enabled=1
Pause.MenuItems=

Exit.Type=I
Exit.Label=*language*Menu.Exit.Label
Exit.Mnemonic=*language*Menu.Exit.Mnemonic
Exit.Accelerator=
Exit.Command=Exit
Exit.Action=SBAC_Exit
Exit.Visible=1
Exit.Enabled=1
Exit.MenuItems=
```

Edit menu

```
Edit.Type=M
Edit.Label=*language*Menu.Edit.Label
Edit.Mnemonic=*language*Menu.Edit.Mnemonic
Edit.Accelerator=
Edit.Command=Edit
Edit.Action=
Edit.Visible=1
Edit.Enabled=1
Edit.MenuItems=NewCustomer NewAccount NewSignatory NewVariant NewChop - ChangeCustomer
 ChangeAccount EditSignatory EditRules EditGroups EditImage CopySignatories
 EditCheckstock - CopyAccountImages - DeleteCustomer DeleteAccount DeleteSignatory
 DeleteFraudulent MarkFraudulent DeleteSignature DeleteScannedImage DeleteStockImage
 DeletePDFDocument - AssignVariants - ILOpenStack

EditAccount.Type=M
EditAccount.Label=*language*Menu.Edit.Label
EditAccount.Mnemonic=*language*Menu.Edit.Mnemonic
EditAccount.Accelerator=
EditAccount.Command=Edit
EditAccount.Action=
EditAccount.Visible=1
EditAccount.Enabled=1
EditAccount.MenuItems=NewAccount NewSignatory NewVariant NewChop - ChangeAccount
 EditSignatory EditRules EditGroups EditImage CopySignatories EditCheckstock -
 DeleteAccount DeleteSignatory DeleteFraudulent MarkFraudulent DeleteSignature
 DeleteScannedImage DeleteStockImage DeletePDFDocument - AssignVariants - ILOpenStack

NewCustomer.Type=I
NewCustomer.Label=*language*Menu.NewCustomer.Label
NewCustomer.Mnemonic=*language*Menu.NewCustomer.Mnemonic
NewCustomer.Accelerator=
NewCustomer.Command=NewCustomer
NewCustomer.Action=SBAC_NewCustomer
NewCustomer.Visible=1
NewCustomer.Enabled=1
NewCustomer.MenuItems=

NewAccount.Type=I
NewAccount.Label=*language*Menu.NewAccount.Label
NewAccount.Mnemonic=*language*Menu.NewAccount.Mnemonic
NewAccount.Accelerator=
NewAccount.Command=NewAccount
NewAccount.Action=SBAC_NewAccount
NewAccount.Visible=1
NewAccount.Enabled=1
NewAccount.MenuItems=

NewVariant.Type=I
NewVariant.Label=*language*Menu.NewVariant.Label
NewVariant.Mnemonic=*language*Menu.NewVariant.Mnemonic
NewVariant.Accelerator=
NewVariant.Command=NewVariant
NewVariant.Action=SBAC_NewVariant
NewVariant.Visible=1
NewVariant.Enabled=1
NewVariant.MenuItems=

NewChop.Type=I
NewChop.Label=*language*Menu.NewChop.Label
```

```
NewChop.Mnemonic=*language*Menu.NewChop.Mnemonic
NewChop.Accelerator=
NewChop.Command=NewChop
NewChop.Action=SBAC_NewChop
NewChop.Visible=1
NewChop.Enabled=1
NewChop.MenuItems=

NewSignatory.Type=I
NewSignatory.Label=*language*Menu.NewSignatory.Label
NewSignatory.Mnemonic=*language*Menu.NewSignatory.Mnemonic
NewSignatory.Accelerator=Ctrl+N
NewSignatory.Command=NewSignatory
NewSignatory.Action=SBAC_NewSignatory
NewSignatory.Visible=1
NewSignatory.Enabled=1
NewSignatory.MenuItems=

ChangeCustomer.Type=I
ChangeCustomer.Label=*language*Menu.ChangeCustomer.Label
ChangeCustomer.Mnemonic=*language*Menu.ChangeCustomer.Mnemonic
ChangeCustomer.Accelerator=
ChangeCustomer.Command=ChangeCustomer
ChangeCustomer.Action=SBAC_ChangeCustomer
ChangeCustomer.Visible=1
ChangeCustomer.Enabled=1
ChangeCustomer.MenuItems=

ChangeAccount.Type=I
ChangeAccount.Label=*language*Menu.ChangeAccount.Label
ChangeAccount.Mnemonic=*language*Menu.ChangeAccount.Mnemonic
ChangeAccount.Accelerator=
ChangeAccount.Command=ChangeAccount
ChangeAccount.Action=SBAC_ChangeAccount
ChangeAccount.Visible=1
ChangeAccount.Enabled=1
ChangeAccount.MenuItems=

EditSignatory.Type=I
EditSignatory.Label=*language*Menu.EditSignatory.Label
EditSignatory.Mnemonic=*language*Menu.EditSignatory.Mnemonic
EditSignatory.Accelerator=
EditSignatory.Command=EditSignatory
EditSignatory.Action=SBAC_EditSignatory
EditSignatory.Visible=1
EditSignatory.Enabled=1
EditSignatory.MenuItems=

DeleteSignatory.Type=I
DeleteSignatory.Label=*language*Menu.DeleteSignatory.Label
DeleteSignatory.Mnemonic=*language*Menu.DeleteSignatory.Mnemonic
DeleteSignatory.Accelerator=Ctrl+Delete
DeleteSignatory.Command=DeleteSignatory
DeleteSignatory.Action=SBAC_DeleteSignatory
DeleteSignatory.Visible=1
DeleteSignatory.Enabled=1
DeleteSignatory.MenuItems=

RestoreSignatory.Type=I
RestoreSignatory.Label=*language*Menu.RestoreSignatory.Label
RestoreSignatory.Mnemonic=*language*Menu.RestoreSignatory.Mnemonic
RestoreSignatory.Accelerator=Alt+Delete
RestoreSignatory.Command=DeleteSignatory
RestoreSignatory.Action=SBAC_DeleteSignatory
```

```
RestoreSignatory.Visible=1
RestoreSignatory.Enabled=1
RestoreSignatory.MenuItems=

EditGroups.Type=I
EditGroups.Label=*language*Menu.EditGroups.Label
EditGroups.Mnemonic=*language*Menu.EditGroups.Mnemonic
EditGroups.Accelerator=
EditGroups.Command=EditGroups
EditGroups.Action=SBAC_EditGroups
EditGroups.Visible=1
EditGroups.Enabled=1
EditGroups.MenuItems=

CopySignatories.Type=I
CopySignatories.Label=*language*Menu.CopySignatories.Label
CopySignatories.Mnemonic=*language*Menu.CopySignatories.Mnemonic
CopySignatories.Accelerator=
CopySignatories.Command=CopySignatories
CopySignatories.Action=SBAC_CopySignatories
CopySignatories.Visible=1
CopySignatories.Enabled=1
CopySignatories.MenuItems=

CopyAccountImages.Type=I
CopyAccountImages.Label=*language*Menu.CopyAccountImages.Label
CopyAccountImages.Mnemonic=*language*Menu.CopyAccountImages.Mnemonic
CopyAccountImages.Accelerator=
CopyAccountImages.Command=CopyAccountImages
CopyAccountImages.Action=SBAC_CopyAccountImages
CopyAccountImages.Visible=1
CopyAccountImages.Enabled=1
CopyAccountImages.MenuItems=

EditRules.Type=I
EditRules.Label=*language*Menu.EditRules.Label
EditRules.Mnemonic=*language*Menu.EditRules.Mnemonic
EditRules.Accelerator=
EditRules.Command=EditRules
EditRules.Action=SBAC_EditRules
EditRules.Visible=1
EditRules.Enabled=1
EditRules.MenuItems=

DeleteCustomer.Type=I
DeleteCustomer.Label=*language*Menu.DeleteCustomer.Label
DeleteCustomer.Mnemonic=*language*Menu.DeleteCustomer.Mnemonic
DeleteCustomer.Accelerator=
DeleteCustomer.Command=DeleteCustomer
DeleteCustomer.Action=SBAC_DeleteCustomer
DeleteCustomer.Visible=1
DeleteCustomer.Enabled=1
DeleteCustomer.MenuItems=

DeleteAccount.Type=I
DeleteAccount.Label=*language*Menu.DeleteAccount.Label
DeleteAccount.Mnemonic=*language*Menu.DeleteAccount.Mnemonic
DeleteAccount.Accelerator=
DeleteAccount.Command=DeleteAccount
DeleteAccount.Action=SBAC_DeleteAccount
DeleteAccount.Visible=1
DeleteAccount.Enabled=1
DeleteAccount.MenuItems=
```

```
DeleteSignature.Type=I
DeleteSignature.Label=*language*Menu.DeleteSignature.Label
DeleteSignature.Mnemonic=*language*Menu.DeleteSignature.Mnemonic
DeleteSignature.Accelerator=
DeleteSignature.Command=DeleteSignature
DeleteSignature.Action=SBAC_DeleteImage
DeleteSignature.Visible=1
DeleteSignature.Enabled=1
DeleteSignature.MenuItems=
DeleteSignature.Icon=de/softpro/signplus/client/resources/gif/imageDelete.gif

DeleteScannedImage.Type=I
DeleteScannedImage.Label=*language*Menu.DeleteScannedImage.Label
DeleteScannedImage.Mnemonic=*language*Menu.DeleteScannedImage.Mnemonic
DeleteScannedImage.Accelerator=
DeleteScannedImage.Command=DeleteScannedImage
DeleteScannedImage.Action=SBAC_DeleteScannedImage
DeleteScannedImage.Visible=1
DeleteScannedImage.Enabled=1
DeleteScannedImage.MenuItems=
DeleteScannedImage.Icon=de/softpro/signplus/client/resources/gif/imageDelete.gif

DeleteStockImage.Type=I
DeleteStockImage.Label=*language*Menu.DeleteStockImage.Label
DeleteStockImage.Mnemonic=*language*Menu.DeleteStockImage.Mnemonic
DeleteStockImage.Accelerator=
DeleteStockImage.Command=DeleteStockImage
DeleteStockImage.Action=SBAC_DeleteStockImage
DeleteStockImage.Visible=*custom*Checkstock
DeleteStockImage.Enabled=1
DeleteStockImage.MenuItems=
DeleteStockImage.Icon=de/softpro/signplus/client/resources/gif/
checkstockImageDelete.gif

DeletePDFDocument.Type=I
DeletePDFDocument.Label=*language*Menu.DeletePDFDocument.Label
DeletePDFDocument.Mnemonic=*language*Menu.DeletePDFDocument.Mnemonic
DeletePDFDocument.Accelerator=
DeletePDFDocument.Command=DeletePDFDocument
DeletePDFDocument.Action=SBAC_DeletePDFDocument
DeletePDFDocument.Visible=*layout*PDFDocuments.Visible
DeletePDFDocument.Enabled=1
DeletePDFDocument.MenuItems=

SetImagesProcessed.Type=I
SetImagesProcessed.Label=*language*Menu.SetImagesProcessed.Label
SetImagesProcessed.Mnemonic=*language*Menu.SetImagesProcessed.Mnemonic
SetImagesProcessed.Accelerator=
SetImagesProcessed.Command=SetImagesProcessed
SetImagesProcessed.Action=SBAC_SetImagesProcessed
SetImagesProcessed.Visible=1
SetImagesProcessed.Enabled=1
SetImagesProcessed.MenuItems=
SetImagesProcessed.Icon=

DeleteFraudulent.Type=I
DeleteFraudulent.Label=*language*Menu.DeleteFraudulent.Label
DeleteFraudulent.Mnemonic=*language*Menu.DeleteFraudulent.Mnemonic
DeleteFraudulent.Accelerator=
DeleteFraudulent.Command=DeleteFraudulent
DeleteFraudulent.Action=SBAC_DeleteFraudulent
DeleteFraudulent.Visible=1
DeleteFraudulent.Enabled=1
DeleteFraudulent.MenuItems=
```

```
MarkFraudulent.Type=I
MarkFraudulent.Label=*language*Menu.MarkFraudulent.Label
MarkFraudulent.Mnemonic=*language*Menu.MarkFraudulent.Mnemonic
MarkFraudulent.Accelerator=
MarkFraudulent.Command=MarkFraudulent
MarkFraudulent.Action=SBAC_MarkFraudulent
MarkFraudulent.Visible=0
MarkFraudulent.Enabled=1
MarkFraudulent.MenuItems=

AssignVariants.Type=I
AssignVariants.Label=*language*Menu.AssignVariants.Label
AssignVariants.Mnemonic=*language*Menu.AssignVariants.Mnemonic
AssignVariants.Accelerator=
AssignVariants.Command=AssignVariants
AssignVariants.Action=SBAC_AssignVariants
AssignVariants.Visible=1
AssignVariants.Enabled=1
AssignVariants.MenuItems=

Reset.Type=I
Reset.Label=*language*Menu.Reset.Label
Reset.Mnemonic=*language*Menu.Reset.Mnemonic
Reset.Accelerator=
Reset.Command=Reset
Reset.Action=SBAC_Reset
Reset.Visible=1
Reset.Enabled=1
Reset.MenuItems=
Reset.Icon=de/softpro/signplus/client/resources/gif/erase.gif

EditImage.Type=I
EditImage.Label=*language*Menu.EditImage.Label
EditImage.Mnemonic=*language*Menu.EditImage.Mnemonic
EditImage.Accelerator=
EditImage.Command=EditImage
EditImage.Action=SBAC_EditImage
EditImage.Visible=1
EditImage.Enabled=1
EditImage.MenuItems=
EditImage.Icon=de/softpro/signplus/client/resources/gif/imageEdit.gif

EditCheckstock.Type=I
EditCheckstock.Label=*language*Menu.EditCheckstock.Label
EditCheckstock.Mnemonic=*language*Menu.EditCheckstock.Mnemonic
EditCheckstock.Accelerator=
EditCheckstock.Command=EditCheckstock
EditCheckstock.Action=SBAC_EditCheckstock
EditCheckstock.Visible=*custom*Checkstock
EditCheckstock.Enabled=1
EditCheckstock.MenuItems=

ILOpenStack.Type=I
ILOpenStack.Label=*language*Action.ILOpenStack.Label
ILOpenStack.Mnemonic=*language*Action.ILOpenStack.Mnemonic
ILOpenStack.Accelerator=
ILOpenStack.Command=ILOpenStack
ILOpenStack.Action=SBAC_ILOpenStack
ILOpenStack.Visible=*layout*ImageLoader.Visible
ILOpenStack.Enabled=*layout*ImageLoader.Visible
ILOpenStack.MenuItems=

ILExitStack.Type=I
```

```
ILExitStack.Label=*language*Action.ILExitStack.Label
ILExitStack.Mnemonic=*language*Action.ILExitStack.Mnemonic
ILExitStack.Accelerator=
ILExitStack.Command=ILExitStack
ILExitStack.Action=SBAC_ILExitStack
ILExitStack.Visible=*layout*ImageLoader.Visible
ILExitStack.Enabled=0
ILExitStack.MenuItems=

ILNextImage.Type=I
ILNextImage.Label=*language*Action.ILNextImage.Label
ILNextImage.Mnemonic=*language*Action.ILNextImage.Mnemonic
ILNextImage.Accelerator=
ILNextImage.Command=ILNextImage
ILNextImage.Action=SBAC_ILNextImage
ILNextImage.Visible=*layout*ImageLoader.Visible
ILNextImage.Enabled=0
ILNextImage.MenuItems=

ILSkipImage.Type=I
ILSkipImage.Label=*language*Action.ILSkipImage.Label
ILSkipImage.Mnemonic=*language*Action.ILSkipImage.Mnemonic
ILSkipImage.Accelerator=
ILSkipImage.Command=ILSkipImage
ILSkipImage.Action=SBAC_ILSkipImage
ILSkipImage.Visible=*layout*ImageLoader.Visible
ILSkipImage.Enabled=0
ILSkipImage.MenuItems=
```

Scan menu

```
Scan.Type=M
Scan.Label=*language*Menu.Scan.Label
Scan.Mnemonic=*language*Menu.Scan.Mnemonic
Scan.Accelerator=
Scan.Command=Scan
Scan.Action=
Scan.Visible=1
Scan.Enabled=1
Scan.MenuItems=ScanSignInfo LoadImage - ScanCheckstock LoadCheckstock - ScanSignature
 EditSignature - ScanOptions - ILNextImage ILSkipImage ILExitStack

ScanSignInfo.Type=I
ScanSignInfo.Label=*language*Menu.ScanImage.Label
ScanSignInfo.Mnemonic=*language*Menu.ScanImage.Mnemonic
ScanSignInfo.Accelerator=
ScanSignInfo.Command=ScanSignInfo
ScanSignInfo.Action=SBAC_ScanSignInfo
ScanSignInfo.Visible=1
ScanSignInfo.Enabled=1
ScanSignInfo.MenuItems=
ScanSignInfo.Icon=de/softpro/signplus/client/resources/gif/imageScan.gif

LoadImage.Type=I
LoadImage.Label=*language*Menu.LoadImage.Label
LoadImage.Mnemonic=*language*Menu.LoadImage.Mnemonic
LoadImage.Accelerator=
LoadImage.Command=LoadImage
LoadImage.Action=SBAC_LoadImage
LoadImage.Visible=1
LoadImage.Enabled=1
LoadImage.MenuItems=
```

```
LoadImage.Icon=de/softpro/signplus/client/resources/gif/imageLoad.gif

LoadCheckstock.Type=I
LoadCheckstock.Label=*language*Menu.LoadCheckstock.Label
LoadCheckstock.Mnemonic=*language*Menu.LoadCheckstock.Mnemonic
LoadCheckstock.Accelerator=
LoadCheckstock.Command=LoadCheckstock
LoadCheckstock.Action=SBAC_LoadCheckstock
LoadCheckstock.Visible=*custom*Checkstock
LoadCheckstock.Enabled=1
LoadCheckstock.MenuItems=
LoadCheckstock.Icon=de/softpro/signplus/client/resources/gif/checkstockLoad.gif

ScanCheckstock.Type=I
ScanCheckstock.Label=*language*Menu.ScanCheckstock.Label
ScanCheckstock.Mnemonic=*language*Menu.ScanCheckstock.Mnemonic
ScanCheckstock.Accelerator=
ScanCheckstock.Command=ScanCheckstock
ScanCheckstock.Action=SBAC_ScanCheckstock
ScanCheckstock.Visible=*custom*Checkstock
ScanCheckstock.Enabled=1
ScanCheckstock.MenuItems=
ScanCheckstock.Icon=de/softpro/signplus/client/resources/gif/checkstockScan.gif

ScanOptions.Type=I
ScanOptions.Label=*language*Menu.ScanOptions.Label
ScanOptions.Mnemonic=*language*Menu.ScanOptions.Mnemonic
ScanOptions.Accelerator=
ScanOptions.Command=ScanOptions
ScanOptions.Action=SBAC_ScanOptions
ScanOptions.Visible=1
ScanOptions.Enabled=1
ScanOptions.MenuItems=

ScanSignature.Type=I
ScanSignature.Label=*language*Menu.ScanSignature.Label
ScanSignature.Mnemonic=*language*Menu.ScanSignature.Mnemonic
ScanSignature.Accelerator=
ScanSignature.Command=ScanSignature
ScanSignature.Action=SBAC_ScanSignature
ScanSignature.Visible=1
ScanSignature.Enabled=1
ScanSignature.MenuItems=
ScanSignature.Icon=de/softpro/signplus/client/resources/gif/signatureScan.gif

EditSignature.Type=I
EditSignature.Label=*language*Menu.EditSignature.Label
EditSignature.Mnemonic=*language*Menu.EditSignature.Mnemonic
EditSignature.Accelerator=
EditSignature.Command=EditSignature
EditSignature.Action=SBAC_EditSignature
EditSignature.Visible=1
EditSignature.Enabled=1
EditSignature.MenuItems=
EditSignature.Icon=de/softpro/signplus/client/resources/gif/signatureEdit.gif
```

Display menu

```
Display.Type=M
Display.Label=*language*Menu.Display.Label
Display.Mnemonic=*language*Menu.Display.Mnemonic
Display.Accelerator=
```

```
Display.Command=Display
Display.Action=
Display.Visible=1
Display.Enabled=1
Display.MenuItems=DisplaySignatory DisplayCustomer DisplayAccount
 DisplayRules DisplayGroups - DisplaySignatoriesView DisplayCheckstockView
 DisplayAccountAttachmentView DisplayPDFDocumentView - SelectSignatory SelectAccount -
 LoadSignatures

DisplayAccnt.Type=M
DisplayAccnt.Label=*language*Menu.Display.Label
DisplayAccnt.Mnemonic=*language*Menu.Display.Mnemonic
DisplayAccnt.Accelerator=
DisplayAccnt.Command=Display
DisplayAccnt.Action=
DisplayAccnt.Visible=1
DisplayAccnt.Enabled=1
DisplayAccnt.MenuItems=DisplayAccount DisplaySignatory DisplayRules DisplayGroups
 - DisplaySignatoriesView DisplayCheckstockView DisplayAccountAttachmentView
 DisplayPDFDocumentView - SelectSignatory - LoadSignatures

DisplaySignatory.Type=I
DisplaySignatory.Label=*language*Menu.DisplaySignatory.Label
DisplaySignatory.Mnemonic=*language*Menu.DisplaySignatory.Mnemonic
DisplaySignatory.Accelerator=
DisplaySignatory.Command=DisplaySignatory
DisplaySignatory.Action=SBAC_DisplaySignatory
DisplaySignatory.Visible=1
DisplaySignatory.Enabled=1
DisplaySignatory.MenuItems=

DisplaySignatoriesView.Type=I
DisplaySignatoriesView.Label=*language*Menu.DisplaySignatoriesView.Label
DisplaySignatoriesView.Mnemonic=*language*Menu.DisplaySignatoriesView.Mnemonic
DisplaySignatoriesView.Accelerator=
DisplaySignatoriesView.Command=DisplaySignatoriesView
DisplaySignatoriesView.Action=SBAC_DisplaySignatoriesView
DisplaySignatoriesView.Visible=1
DisplaySignatoriesView.Enabled=1
DisplaySignatoriesView.Style=c
DisplaySignatoriesView.MenuItems=

DisplayAccountAttachmentView.Type=I
DisplayAccountAttachmentView.Label=*language*Menu.DisplayAccountAttachmentView.Label
DisplayAccountAttachmentView.Mnemonic=*language*Menu.DisplayAccountAttachmentView.Mnemonic
DisplayAccountAttachmentView.Accelerator=
DisplayAccountAttachmentView.Command=DisplayAccountAttachmentView
DisplayAccountAttachmentView.Action=SBAC_DisplayAccountAttachmentView
DisplayAccountAttachmentView.Visible=*custom*SignInfo
DisplayAccountAttachmentView.Enabled=1
DisplayAccountAttachmentView.Style=c
DisplayAccountAttachmentView.MenuItems=

DisplayCheckstockView.Type=I
DisplayCheckstockView.Label=*language*Menu.DisplayCheckstockView.Label
DisplayCheckstockView.Mnemonic=*language*Menu.DisplayCheckstockView.Mnemonic
DisplayCheckstockView.Accelerator=
DisplayCheckstockView.Command=DisplayCheckstockView
DisplayCheckstockView.Action=SBAC_DisplayCheckstockView
DisplayCheckstockView.Visible=*custom*Checkstock
DisplayCheckstockView.Enabled=1
DisplayCheckstockView.Style=c
DisplayCheckstockView.MenuItems=
```

```
DisplayPDFDocumentView.Type=I
DisplayPDFDocumentView.Label=*language*Menu.DisplayPDFDocumentView.Label
DisplayPDFDocumentView.Mnemonic=*language*Menu.DisplayPDFDocumentView.Mnemonic
DisplayPDFDocumentView.Accelerator=
DisplayPDFDocumentView.Command=DisplayPDFDocumentView
DisplayPDFDocumentView.Action=SBAC_DisplayPDFDocumentView
DisplayPDFDocumentView.Visible=*layout*PDFDocuments.Visible
DisplayPDFDocumentView.Enabled=1
DisplayPDFDocumentView.Style=c
DisplayPDFDocumentView.MenuItems=

DisplayCustomer.Type=I
DisplayCustomer.Label=*language*Menu.DisplayCustomer.Label
DisplayCustomer.Mnemonic=*language*Menu.DisplayCustomer.Mnemonic
DisplayCustomer.Accelerator=
DisplayCustomer.Command=DisplayCustomer
DisplayCustomer.Action=SBAC_DisplayCustomer
DisplayCustomer.Visible=1
DisplayCustomer.Enabled=1
DisplayCustomer.MenuItems=

DisplayAccount.Type=I
DisplayAccount.Label=*language*Menu.DisplayAccount.Label
DisplayAccount.Mnemonic=*language*Menu.DisplayAccount.Mnemonic
DisplayAccount.Accelerator=
DisplayAccount.Command=DisplayAccount
DisplayAccount.Action=SBAC_DisplayAccount
DisplayAccount.Visible=1
DisplayAccount.Enabled=1
DisplayAccount.MenuItems=

DisplayGroups.Type=I
DisplayGroups.Label=*language*Menu.DisplayGroups.Label
DisplayGroups.Mnemonic=*language*Menu.DisplayGroups.Mnemonic
DisplayGroups.Accelerator=
DisplayGroups.Command=DisplayGroups
DisplayGroups.Action=SBAC_DisplayGroups
DisplayGroups.Visible=1
DisplayGroups.Enabled=1
DisplayGroups.MenuItems=

DisplayRules.Type=I
DisplayRules.Label=*language*Menu.DisplayRules.Label
DisplayRules.Mnemonic=*language*Menu.DisplayRules.Mnemonic
DisplayRules.Accelerator=
DisplayRules.Command=DisplayRules
DisplayRules.Action=SBAC_DisplayRules
DisplayRules.Visible=1
DisplayRules.Enabled=1
DisplayRules.MenuItems=

SelectSignatory.Type=I
SelectSignatory.Label=*language*Menu.SelectSignatory.Label
SelectSignatory.Mnemonic=*language*Menu.SelectSignatory.Mnemonic
SelectSignatory.Accelerator=
SelectSignatory.Command=SelectSignatory
SelectSignatory.Action=SBAC_SelectSignatory
SelectSignatory.Visible=1
SelectSignatory.Enabled=1
SelectSignatory.MenuItems=

SelectAccount.Type=I
SelectAccount.Label=*language*Menu.SelectAccount.Label
SelectAccount.Mnemonic=*language*Menu.SelectAccount.Mnemonic
```

```
SelectAccount.Accelerator=
SelectAccount.Command=SelectAccount
SelectAccount.Action=SBAC_SelectAccount
SelectAccount.Visible=1
SelectAccount.Enabled=1
SelectAccount.MenuItems=

LoadSignatures.Type=I
LoadSignatures.Label=*language*Menu.LoadSignatures.Label
LoadSignatures.Mnemonic=*language*Menu.LoadSignatures.Mnemonic
LoadSignatures.Accelerator=
LoadSignatures.Command=LoadSignatures
LoadSignatures.Action=SBAC_LoadSignatures
LoadSignatures.Visible=1
LoadSignatures.Enabled=1
LoadSignatures.MenuItems=
```

Verify menu

```
Verify.Type=M
Verify.Label=*language*Menu.Verify.Label
Verify.Mnemonic=*language*Menu.Verify.Mnemonic
Verify.Accelerator=
Verify.Command=Verify
Verify.Action=
Verify.Visible=1
Verify.Enabled=1
Verify.MenuItems=VerifyCustomer DisplayChangesCustomer - DisplayCustomersNotVerified

VerifyAccnt.Type=M
VerifyAccnt.Label=*language*Menu.Verify.Label
VerifyAccnt.Mnemonic=*language*Menu.Verify.Mnemonic
VerifyAccnt.Accelerator=
VerifyAccnt.Command=Verify
VerifyAccnt.Action=
VerifyAccnt.Visible=1
VerifyAccnt.Enabled=1
VerifyAccnt.MenuItems=VerifyAccount DisplayChangesAccount - DisplayAccountsNotVerified

VerifyCustomer.Type=I
VerifyCustomer.Label=*language*Menu.VerifyCustomer.Label
VerifyCustomer.Mnemonic=*language*Menu.VerifyCustomer.Mnemonic
VerifyCustomer.Accelerator=F2
VerifyCustomer.Command=VerifyCustomer
VerifyCustomer.Action=SBAC_VerifyCustomer
VerifyCustomer.Visible=1
VerifyCustomer.Enabled=1
VerifyCustomer.MenuItems=

VerifyAccount.Type=I
VerifyAccount.Label=*language*Menu.VerifyAccount.Label
VerifyAccount.Mnemonic=*language*Menu.VerifyAccount.Mnemonic
VerifyAccount.Accelerator=F2
VerifyAccount.Command=VerifyCustomer
VerifyAccount.Action=SBAC_VerifyCustomer
VerifyAccount.Visible=1
VerifyAccount.Enabled=1
VerifyAccount.MenuItems=

DisplayChangesCustomer.Type=I
DisplayChangesCustomer.Label=*language*Menu.DisplayChangesCustomer.Label
DisplayChangesCustomer.Mnemonic=*language*Menu.DisplayChangesCustomer.Mnemonic
```

```
DisplayChangesCustomer.Accelerator=
DisplayChangesCustomer.Command=DisplayChangesCustomer
DisplayChangesCustomer.Action=SBAC_DisplayChangesCustomer
DisplayChangesCustomer.Visible=1
DisplayChangesCustomer.Enabled=1
DisplayChangesCustomer.MenuItems=

DisplayChangesAccount.Type=I
DisplayChangesAccount.Label=*language*Menu.DisplayChangesAccount.Label
DisplayChangesAccount.Mnemonic=*language*Menu.DisplayChangesAccount.Mnemonic
DisplayChangesAccount.Accelerator=
DisplayChangesAccount.Command=DisplayChangesCustomer
DisplayChangesAccount.Action=SBAC_DisplayChangesCustomer
DisplayChangesAccount.Visible=1
DisplayChangesAccount.Enabled=1
DisplayChangesAccount.MenuItems=

DisplayCustomersNotVerified.Type=I
DisplayCustomersNotVerified.Label=*language*Menu.DisplayCustomersNotVerified.Label
DisplayCustomersNotVerified.Mnemonic=*language*Menu.DisplayCustomersNotVerified.Mnemonic
DisplayCustomersNotVerified.Accelerator=
DisplayCustomersNotVerified.Command=DisplayCustomersNotVerified
DisplayCustomersNotVerified.Action=SBAC_DisplayCustomersNotVerified
DisplayCustomersNotVerified.Visible=1
DisplayCustomersNotVerified.Enabled=1
DisplayCustomersNotVerified.MenuItems=

DisplayAccountsNotVerified.Type=I
DisplayAccountsNotVerified.Label=*language*Menu.DisplayAccountsNotVerified.Label
DisplayAccountsNotVerified.Mnemonic=*language*Menu.DisplayAccountsNotVerified.Mnemonic
DisplayAccountsNotVerified.Accelerator=
DisplayAccountsNotVerified.Command=DisplayCustomersNotVerified
DisplayAccountsNotVerified.Action=SBAC_DisplayCustomersNotVerified
DisplayAccountsNotVerified.Visible=1
DisplayAccountsNotVerified.Enabled=1
DisplayAccountsNotVerified.MenuItems=
```

In-clearing menu

```
Inclearing.Type=M
Inclearing.Label=*language*Menu.Inclearing.Label
Inclearing.Mnemonic=*language*Menu.Inclearing.Mnemonic
Inclearing.Accelerator=
Inclearing.Command=Inclearing
Inclearing.Action=
Inclearing.Visible=*settings*QueueEmulation.Enabled
Inclearing.Enabled=1
Inclearing.MenuItems=resetQueue finishQueue - getNext getPrev - getNextH getPrevH -
 acceptQueueItem rejectQueueItem

resetQueue.Type=I
resetQueue.Label=*language*Menu.ResetQueue.Label
resetQueue.Mnemonic=*language*Menu.ResetQueue.Mnemonic
resetQueue.Accelerator=
resetQueue.Command=resetQueue
resetQueue.Action=SBAC_ResetQueue
resetQueue.Visible=1
resetQueue.Enabled=1
resetQueue.MenuItems=

finishQueue.Type=I
finishQueue.Label=*language*Menu.FinishQueue.Label
```

```
finishQueue.Mnemonic=*language*Menu.FinishQueue.Mnemonic
finishQueue.Accelerator=
finishQueue.Command=finishQueue
finishQueue.Action=SBAC_FinishQueue
finishQueue.Visible=*settings*UseICServer
finishQueue.Enabled=1
finishQueue.MenuItems=

getPrev.Type=I
getPrev.Label=*language*Menu.GetPrev.Label
getPrev.Mnemonic=*language*Menu.GetPrev.Mnemonic
getPrev.Accelerator=Shift+F7
getPrev.Command=getPrev
getPrev.Action=SBAC_PrevQueueEntry
getPrev.Visible=1
getPrev.Enabled=1
getPrev.MenuItems=

getPrevH.Type=I
getPrevH.Label=*language*Menu.GetPrevH.Label
getPrevH.Mnemonic=*language*Menu.GetPrevH.Mnemonic
getPrevH.Accelerator=
getPrevH.Command=getPrevH
getPrevH.Action=SBAC_PrevQueueEntryH
getPrevH.Visible=1
getPrevH.Enabled=1
getPrevH.MenuItems=

getNext.Type=I
getNext.Label=*language*Menu.GetNext.Label
getNext.Mnemonic=*language*Menu.GetNext.Mnemonic
getNext.Accelerator=F7
getNext.Command=getNext
getNext.Action=SBAC_NextQueueEntry
getNext.Visible=1
getNext.Enabled=1
getNext.MenuItems=

getNextH.Type=I
getNextH.Label=*language*Menu.GetNextH.Label
getNextH.Mnemonic=*language*Menu.GetNextH.Mnemonic
getNextH.Accelerator=
getNextH.Command=getNextH
getNextH.Action=SBAC_NextQueueEntryH
getNextH.Visible=1
getNextH.Enabled=1
getNextH.MenuItems=

acceptQueueItem.Type=I
acceptQueueItem.Label=*language*Menu.AcceptQueueItem.Label
acceptQueueItem.Mnemonic=*language*Menu.AcceptQueueItem.Mnemonic
acceptQueueItem.Accelerator=
acceptQueueItem.Command=acceptQueueItem
acceptQueueItem.Action=SBAC_AcceptQueueItem
acceptQueueItem.Visible=*settings*UseICServer
acceptQueueItem.Enabled=1
acceptQueueItem.MenuItems=

rejectQueueItem.Type=I
rejectQueueItem.Label=*language*Menu.RejectQueueItem.Label
rejectQueueItem.Mnemonic=*language*Menu.RejectQueueItem.Mnemonic
rejectQueueItem.Accelerator=
rejectQueueItem.Command=rejectQueueItem
rejectQueueItem.Action=SBAC_RejectQueueItem
```

```
rejectQueueItem.Visible=*settings*UseICServer
rejectQueueItem.Enabled=1
rejectQueueItem.MenuItems=
```

Help menu

```
Help.Type=M
Help.Label=*language*Menu.Help.Label
Help.Mnemonic=*language*Menu.Help.Mnemonic
Help.Accelerator=
Help.Command=Help
Help.Action=
Help.Visible=1
Help.Enabled=1
Help.MenuItems=ShowHelp TraceLog - DisplayInfo

ShowHelp.Type=I
ShowHelp.Label=*language*Menu.ShowHelp.Label
ShowHelp.Mnemonic=*language*Menu.ShowHelp.Mnemonic
ShowHelp.Accelerator=F1
ShowHelp.Command=Help
ShowHelp.Action=SBAC_Help
ShowHelp.Visible=1
ShowHelp.Enabled=1
ShowHelp.MenuItems=
ShowHelp.Icon=de/softpro/signplus/client/resources/gif/help.gif

TraceLog.Type=I
TraceLog.Label=*language*Menu.TraceLog.Label
TraceLog.Mnemonic=*language*Menu.TraceLog.Mnemonic
TraceLog.Accelerator=
TraceLog.Command=TraceLog
TraceLog.Action=SBAC_TraceLog
TraceLog.Visible=1
TraceLog.Enabled=1
TraceLog.MenuItems=

DisplayInfo.Type=I
DisplayInfo.Label=*language*Menu.DisplayInfo.Label
DisplayInfo.Mnemonic=*language*Menu.DisplayInfo.Mnemonic
DisplayInfo.Accelerator=
DisplayInfo.Command=DisplayInfo
DisplayInfo.Action=SBAC_DisplayInfo
DisplayInfo.Visible=1
DisplayInfo.Enabled=1
DisplayInfo.MenuItems=
DisplayInfo.Icon=de/softpro/signplus/client/resources/gif/about.gif
```

Import menu

```
FileOnlyImport.Type=M
FileOnlyImport.Label=*language*Menu.ImportFile.Label
FileOnlyImport.Mnemonic=*language*Menu.ImportFile.Mnemonic
FileOnlyImport.Accelerator=
FileOnlyImport.Command=
FileOnlyImport.Action=
FileOnlyImport.Visible=1
FileOnlyImport.Enabled=1
FileOnlyImport.MenuItems= ImportNext Import - SaveWorkspace ResetWorkspace - Options
 Pause - Exit
```

Archive menu

```
Archive.Type=M
Archive.Label=*language*Menu.Archive.Label
Archive.Mnemonic=*language*Menu.Archive.Mnemonic
Archive.Accelerator=
Archive.Command=Archive
Archive.Action=
Archive.Visible=1
Archive.Enabled=1
Archive.MenuItems= ImportNext ImportUpdate Import - DiscardFromArchive - AmsInfo

ImportNext.Type=I
ImportNext.Label=*language*Menu.ImportNext.Label
ImportNext.Mnemonic=*language*Menu.ImportNext.Mnemonic
ImportNext.Accelerator=F11
ImportNext.Command=ImportNext
ImportNext.Action=SBAC_ImportNext
ImportNext.Visible=*settings*SignInfo.ImportModel
ImportNext.Enabled=1
ImportNext.MenuItems=

Import.Type=I
Import.Label=*language*Menu.Import.Label
Import.Mnemonic=*language*Menu.Import.Mnemonic
Import.Accelerator=
Import.Command=Import
Import.Action=SBAC_Import
Import.Visible=*settings*SignInfo.ImportModel
Import.Enabled=1
Import.MenuItems=

ImportUpdate.Type=I
ImportUpdate.Label=*language*Menu.ImportUpdate.Label
ImportUpdate.Mnemonic=*language*Menu.ImportUpdate.Mnemonic
ImportUpdate.Accelerator=
ImportUpdate.Command=ImportUpdate
ImportUpdate.Action=SBAC_ImportUpdate
ImportUpdate.Visible=*settings*SignInfo.ImportModel
ImportUpdate.Enabled=1
ImportUpdate.MenuItems=

DiscardFromArchive.Type=I
DiscardFromArchive.Label=*language*Menu.DiscardFromArchive.Label
DiscardFromArchive.Mnemonic=*language*Menu.DiscardFromArchive.Mnemonic
DiscardFromArchive.Accelerator=
DiscardFromArchive.Command=DiscardFromArchive
DiscardFromArchive.Action=SBAC_CommitCustomer
DiscardFromArchive.Visible=1
DiscardFromArchive.Enabled=1
DiscardFromArchive.MenuItems=

AmsInfo.Type=I
AmsInfo.Label=*language*Menu.AmsInfo.Label
AmsInfo.Mnemonic=*language*Menu.AmsInfo.Mnemonic
AmsInfo.Accelerator=
AmsInfo.Command=AmsInfo
AmsInfo.Action=SBAC_AmsInfo
AmsInfo.Visible=1
AmsInfo.Enabled=1
AmsInfo.MenuItems=
```

Signature popup menu (signatory list)

```
SignaturePopup = SaveWorkspace ScanSignInfo - Reset
```

lists.properties

Contains configuration for all lists that are used in the Java Client. Normally these lists are displayed as combo boxes in the UI. To support the combo box model, the lists are read as key value pair.

The key is the one which is stored in the database and the value is the display text which is defined in language.properties.

Supported key types are B (Byte), C (Character), I (Integer) and S (String).

> ℹ Some entries of a list are referenced in the source code. So removing an entry from a list should be done carefully. Adding or updating (the label) list entries is always possible.

Customer type

```
CustomerTypes = Private Corporate Other
CustomerTypes.type = B
Private.key = 0
Private.value = *language*CustomerType.Private
Corporate.key = 1
Corporate.value = *language*CustomerType.Corporate
Other.key = 2
Other.value = *language*CustomerType.Other
```

Signatory kind

```
SignatoryKind = latin chinese japanese thai arabic russian greek hebrew
SignatoryKind.type = B
latin.key = 1
latin.value = *language*SignatoryKind.latin
chinese.key = 2
chinese.value = *language*SignatoryKind.chinese
japanese.key = 3
japanese.value = *language*SignatoryKind.japanese
thai.key = 4
thai.value = *language*SignatoryKind.thai
arabic.key = 5
arabic.value = *language*SignatoryKind.arabic
russian.key = 6
russian.value = *language*SignatoryKind.russian
greek.key = 7
greek.value = *language*SignatoryKind.greek
hebrew.key = 8
hebrew.value = *language*SignatoryKind.hebrew
```

Signatory role

```
SignatoryRole = owner authorized signatory principal representative
```

```
SignatoryRole.type = B
owner.key = 1
owner.value = *language*SignatoryRole.owner
authorized.key = 2
authorized.value = *language*SignatoryRole.authorized
signatory.key = 3
signatory.value = *language*SignatoryRole.signatory
principal.key = 4
principal.value = *language*SignatoryRole.principal
representative.key = 5
representative.value = *language*SignatoryRole.representative
# Attention!
# Signatory role 9 is reserved for variants
```

Signature source

```
SignatureSource = card migrated form pad other fax ird
SignatureSource.type = B
card.key = 0
card.value = *language*SignatureSource.card
fax.key = 1
fax.value = *language*SignatureSource.fax
migrated.key = 3
migrated.value = *language*SignatureSource.migrated
form.key = 4
form.value = *language*SignatureSource.form
other.key = 2
other.value = *language*SignatureSource.other
pad.key = 5
pad.value = *language*SignatureSource.pad
ird.key = 6
ird.value = *language*SignatureSource.ird
```

Instructions.properties

Contains configuration for signatory instructions.

```
# sort order for display list
Order = 00 01 02 03 04 05 06 50 51 52 53 71 72 73 74 75 76 99

00  =  *language*Instruction.00
01  =  *language*Instruction.01
02  =  *language*Instruction.02
03  =  *language*Instruction.03
04  =  *language*Instruction.04
05  =  *language*Instruction.05
06  =  *language*Instruction.06
50  =  *language*Instruction.50
51  =  *language*Instruction.51
52  =  *language*Instruction.52
53  =  *language*Instruction.53
71  =  *language*Instruction.71
72  =  *language*Instruction.72
73  =  *language*Instruction.73
74  =  *language*Instruction.74
75  =  *language*Instruction.75
76 =  *language*Instruction.76
99  =  *language*Instruction.99
```

CIInstructions.properties

Contains configuration for checkstock instructions.

```
00 = *language*CIInstruction.00
01 = *language*CIInstruction.01
99 = *language*CIInstruction.99
```

CRestrictions.properties

Contains configuration for customer restrictions.

```
# sort order for display list
Order = 00 01 02 03 04 05 09

00 = *language*Restriction.Customer.00
01 = *language*Restriction.Customer.01
02 = *language*Restriction.Customer.02
03 = *language*Restriction.Customer.03
04 = *language*Restriction.Customer.04
05 = *language*Restriction.Customer.05
09 = *language*Restriction.Customer.09
```

ARestrictions.properties

Contains configuration for account restrictions.

```
# sort order for display list
Order = 00 01 02 03 04 05 09

00 = *language*Restriction.Account.00
01 = *language*Restriction.Account.01
02 = *language*Restriction.Account.02
03 = *language*Restriction.Account.03
04 = *language*Restriction.Account.04
05 = *language*Restriction.Account.05
09 = *language*Restriction.Account.09
```

Currency.properties

Contains the configuration for currencies.

ℹ️ Adding a new currency is not possible in a customization, it is only possible in core.

Overview of existing currencies:

```
DEM = 000 00 DEUTSCHE MARK
CHF = 001 01 SCHWEIZER FRANKEN
NLG = 002 02 HOLLAENDISCHER GULDEN
```

```
GBP = 003 03 PFUND STERLING
ITL = 004 04 ITALIENISCHE LIRA
USD = 005 05 US DOLLAR
ATS = 006 06 SCHILLING
CAD = 007 07 KANADISCHER DOLLAR
FRF = 008 08 FRANZOESISCHE FRANC
CZK = 009 09 TSCHECHISCHE KRONE
BEF = 011 11 BELGISCHER FRANC
KRW = 012 12 REPUBLIC OF KOREA WON
AUD = 013 13 AUSTRALISCHER DOLLAR
FIM = 014 14 FINNMARK
JOD = 015 15 JORDAN DINAR
IDR = 016 16 RUPIAH
YUM = 017 17 JUGOSLAWISCHER DINAR
GRD = 018 18 DRACHME
INR = 019 19 INDISCHE RUPIE
VEB = 020 20 BOLIVAR
TND = 021 21 TUNESISCHER DINAR
DKK = 022 22 DAENISCHE KRONE
ZAR = 023 23 RAND
CNY = 024 24 RENMINBI YUAN
MTL = 025 25 MALTA LIRA
MXN = 026 26 MEXIKANISCHER PESO
MAD = 027 27 DIRHAM
EGP = 028 28 AEGYPTISCHES PFUND
ETB = 029 29 BIRR
CYP = 030 30 ZYPERN PFUND
DZD = 031 31 ALGERISCHER DINAR
ARS = 032 32 ARGENTINISCHER PESO
NOK = 033 33 NORWEGISCHE KRONE
BRL = 034 34 CRUZEIRO REAL
PLN = 035 35 ZLOTY
LKR = 036 36 SRI LANKA RUPIE
XOF = 037 37 CFA FRANC
HKD = 038 38 HONGKONG DOLLAR
IQD = 039 39 IRAK DINAR
IRR = 041 41 RIAL
ILS = 042 42 ISRAELISCHER SCHEKEL
COP = 043 43 KOLUMBIANISCHER PESO
SEK = 044 44 SCHWEDISCHE KRONE
ROL = 045 45 LEU
KWD = 046 46 KUWAIT DINAR
LBP = 047 47 LIBANESISCHES PFUND
LYD = 048 48 LIBYSCHER DINAR
CLP = 049 49 CHILENISCHER PESO
MOP = 051 51 PATACA
BDT = 052 52 TAKA
BOB = 054 54 BOLIVIANO
UYU = 055 55 URUGUAYISCHER NEUER PESO
BGL = 056 56 LEW
ECS = 057 57 SUCRE
GHC = 059 59 CEDI
PGK = 060 60 KINA
PKR = 061 61 PAKISTANISCHE RUPIE
PHP = 062 62 PHILIPPINISCHER PESO
RUR = 063 63 RUBEL
HUF = 064 64 FORINT
ZMK = 065 65 KWACHA
ESP = 066 66 PESETA
ISK = 067 67 ISLAENDISCHE KRONE
TRL = 068 68 TUERKISCHE LIRA
NGN = 069 69 NAIRA
AED = 070 70 DIRHAM
KES = 071 71 KENIA SHILLING
```

```
JMD = 072 72 JAMAICA DOLLAR
MYR = 073 73 MALAYSICHER RINGGIT
NZD = 074 74 NEUSEELAND DOLLAR
SYP = 075 75 SYRISCHES PFUND
SGD = 076 76 SINGAPUR DOLLAR
PTE = 077 77 ESCUDO
TZS = 078 78 TANSANIA SHILLING
ZWD = 079 79 SIMBABWE DOLLAR
XDR = 080 80 SONDERZIEHUNGSRECHTE
SKK = 081 81 SLOWAKISCHE KRONE
SAR = 082 82 SAUDI RIYAL
OMR = 083 83 RIAL OMANI
IEP = 084 84 IRISCHES PFUND
TWD = 085 85 NEUER TAIWAN DOLLAR
LUF = 086 86 LUXEMBURGISCHER FRANC
PEN = 087 87 PERU SOL
JPY = 088 88 YEN
THB = 089 89 BAHT
QAR = 090 90 GUARANI
MUR = 092 92 MAURITIUS RUPIE
RHO = 093 93 RHODIUM
KUP = 094 94 KUPFER
XPD = 095 95 PALLADIUM
XAU = 096 96 GOLD
XAG = 097 97 SILBER
XPT = 098 98 PLATIN
GYD = 099 99 GUYANA DOLLAR
EUR = 100 00 Euro
AFA = 101 99 AFGHANI
ANG = 102 99 NIEDERLAENDISCHER ANTILLEN GULDEN
AON = 103 99 NEUER KWANZA
AOR = 104 99 ANGOLA KWANZA REAJUSTADO
BHD = 105 99 BAHRAIN DINAR
BMD = 106 99 BERMUDA DOLLAR
BSD = 107 99 BAHAMA DOLLAR
CRC = 108 99 COSTA RICA COLON
CUP = 109 99 KUBANISCHER PESO
DJF = 110 99 DSCHIBUTI FRANC
DOP = 111 99 DOMINIKANISCHER PESO
GIP = 112 99 GIBRALTAR PFUND
GNF = 113 99 GUINEA FRANC
GTQ = 114 99 GUATEMALTEKISCHER QUETZAL
HNL = 115 99 HONDURAS LEMPIRA
HTG = 116 99 HAITI GOURDE
LAK = 117 99 LAOS KIP
LRD = 118 99 LIBERIANISCHER DOLLAR
LTL = 119 99 LITAUEN LITAS
MZM = 120 99 MOZAMBIQUE METICAL
NIO = 121 99 NICARAGUA GOLD-CORDOBA
NPR = 122 99 NEPALESISCHE RUPIE
PAB = 123 99 PANAMA BALBOA
PYG = 124 99 PARAGUAY GUARANI
SCR = 125 99 SEYCHELLEN RUPIE
SDD = 126 99 SUDAN DINAR
SOS = 127 99 SOMALIA SHILLING
SVC = 128 99 EL SALAVADOR COLON
UAK = 129 99 UKRAINE KARBOWANEZ
ALL = 137 99 LEK ALBANIEN
AMD = 138 99 DRAM ARMENIEN
AWG = 141 99 ARUBA.FLORIN
AZM = 142 99 ASERBAIDSCHAN-MANAT
BAD = 143 99 DINAR BOSNIEN-HERZEGOWINA
BBD = 144 99 BARBADOS-DOLLAR
BIF = 145 99 BURUNDI-FRANC
```

```
BND = 146 99 BRUNEI-DOLLAR
BTN = 147 99 NGULTRUM BHUTAN
BWP = 148 99 PULA BOTSWANA
BYB = 149 99 BELARUS-RUBEL
BZD = 150 99 BELIZE-DOLLAR
CVE = 151 99 KAP-VERDE-ESCUDO
EEL = 152 99 ESTNISCHE KRONE
FKP = 153 99 FALKLAND PFUND
GEL = 154 99 LARI GEORGIEN
GMD = 155 99 DALASI GAMBIA
GWP = 156 99 GUINEA-PESO
HRK = 157 99 KUNA KROATIEN
KGS = 158 99 KIRGISTAN-SOM
KHR = 159 99 RIEL KAMBODSCHA
KMF = 160 99 KOMOREN-FRANC
KPW = 161 99 WON KOREA
KYD = 162 99 KAIMAN-DOLLAR
KZT = 163 99 TENGE KASACHSTAN
LSL = 164 99 LOTI
LVL = 165 99 LATS LETTLAND
MDL = 166 99 MOLDAU-LEU
MKD = 167 99  DENAR MAZEDONIEN
MNT = 168 99 TUGRIK MONGOLEI
MRO = 169 99 OUGUIYA MAURETANIEN
MVR = 170 99 RUFIYAA MALEDIVEN
MWK = 171 99 MALAWI-KWACHA
NAD = 172 99 NAMIBIA-DOLLAR
RWF = 173 99 RUANDA-FRANC
SBD = 174 99 SALOMONEN-DOLLAR
SHP = 175 99 ST.HELENA-PFUND
SIT = 176 99 TOLAR SLOWENIEN
SLL = 177 99 LEONE
SRG = 178 99 SURINAME-GULDEN
STD = 179 99 DOBRA SAO TOME UND PRINCIPE
SZL = 180 99 LILANGENI SWASILAND
TJR = 181 99 TADSCHER-RUBEL
TMM = 182 99 TURKMENISTAN-MANAT
TOP = 183 99 PA'ANGA TONGA
TTD = 184 99 TRINIDAD-UND-TOBAGO-DOLLAR
UZS = 185 99 USBEKISTAN-SUM
VND = 186 99 DONG VIETNAM
VUV = 187 99 VATU VANUATU
WST = 188 99 TALA SAMOA
XCD = 189 99 OSTKARIBISCHER DOLLAR
XPF = 190 99 CFP-FRANC
YER = 191 99 JENEM-RIAL
ADP = 192 99 ANDORRA PESETA
BOV = 193 99 BOLIVIEN MVDOL
CLF = 194 99 CHILE UNIDADES DE FORMENTO
ECV = 195 99 ECUADOR UNIDAD DE VALOR CONSTANTE (UVC)
EEK = 196 99 ESTNISCHE KRONE
MXV = 197 99 MEXICAN UNIDAD DE INVERSION (UDI)
TPE = 199 99 OST TIMOR ESCUDO
USN = 200 99 US DOLLAR, NEXT DAY FUNDS
XBA = 201 99 EUROPEAN COMPOSITE UNIT (EURCO)
XBB = 202 99 EUROPEAN MONETARY UNIT (EMU-6)
XBC = 203 99 EUROPEAN UNIT OF ACCOUNT-9 (EUA-9)
XBD = 204 99 EUROPEAN UNIT OF ACCOUNT-17 (EUA-17)
XFO = 205 99 GOLD-FRANC (SPECIAL SETTLEMENT CURRENCY)
XFU = 206 99 UIC-FRANC (SPECIAL SETTLEMENT CURRENCY)
XXX = 207 99 TRANSACTION WITHOUT CURRENCY
ERN = 208 99 ERITREA NAFKA
UAH = 209 99 UKRAINE HRYVNIA
RUB = 210 99 RUBEL
```

```
UGX = 211 99 UGANDA SHILLING
MGF = 212 99 MADAGASKAR FRANC
XAF = 213 99 CFA-FRANC
SRD = 214 99 SURINAME-Dollar
FCY = 215 99 Foreign Currency Accounts
FJD = 216 99 Fiji Dollar
MMK = 217 99 Myanmar Kyat
ZAL = 218 99 South Africa Financial Rand
BGN = 219 99 Bulgarian Lew
RON = 220 99 Romanian Leu
```

kernel.properties

Contains configuration for exception messages.

Overview of existing exception messages:

```
SP_Exception.Connection = *language*Error.Connection
SP_Exception.SB_Connection = *language*Error.SB_Connection
SP_Exception.SI_Connection = *language*Error.SI_Connection
SP_Exception.SC_Connection = *language*Error.SC_Connection
SP_Exception.Auth_Connection = *language*Error.Auth_Connection
SP_Exception.STV_Connection = *language*Error.STV_Connection
SP_Exception.Config_Connection = *language*Error.Config_Connection
SP_Exception.CreateWorkspace = *language*Error.CreateWorkspace
SP_Exception.NoCustomerLoaded = *language*Error.NoCustomerLoaded
SP_Exception.NoAccountLoaded = *language*Error.NoAccountLoaded
SP_Exception.NoUserLogged = *language*Error.NoUserLogged
SP_Exception.TryToChangeHistorizedSignatoriesOfGroup =
 *language*Error.TryToChangeHistorizedSignatoriesOfGroup
SP_Exception.WrongUserIdOrPassword = *language*Error.UserPasswordWrong
SP_Exception.WrongNewPassword = *language*Error.NewPasswordWrong
SP_Exception.WrongSignatureType = *language*Error.WrongSignatureType
SP_Exception.ReadDataError =  *language*Error.ReadDataError
SP_Exception.DataConcistancyError =  *language*Error.DataConcistancyError
SP_Exception.WrongMessageType = *language*Error.WrongMessageType
SP_Exception.ServerDoesNotAnswer = *language*Error.ServerDoesNotAnswer
SP_Exception.NoMessagesReceived = *language*Error.NoMessagesReceived
SP_Exception.WorkspaceNotSaved = *language*Error.WorkspaceNotSaved
SP_Exception.NumberOfRowsExceeded = *language*Error.NumberOfRowsExceeded
SP_Exception.NumberOfRowsExceeded.Extension =
 *language*Error.NumberOfRowsExceeded.Extension
SP_Exception.CustomerExist = *language*Error.CustomerExist
SP_Exception.AccountExist = *language*Error.AccountExist
SP_Exception.DocumentExist = *language*Error.DocumentExist
SP_Exception.NoHelpAvailable = *language*Error.NoHelpAvailable
SP_Exception.HelpFileNotFound = *language*Error.HelpFileNotFound
SP_Exception.UserAbort = *language*Error.UserAbort
SP_Exception.MaxClientExceeded = *language*Error.MaxClientExceeded
SP_Exception.SessionNotFound = *language*Error.SessionNotFound
SP_Exception.NoRightsCustomer = *language*Error.NoRightsCustomer
SP_Exception.NoRightsAccount = *language*Error.NoRightsAccount
SP_Exception.RestrictedAccessToUnverifiedCustomer =
 *language*Error.RestrictedAccessToUnverifiedCustomer
SP_Exception.RestrictedAccessToUnverifiedAccount =
 *language*Error.RestrictedAccessToUnverifiedAccount
SP_Exception.CustomerNotFound = *language*Error.ObjectNotFound
SP_Exception.CustomerNotFoundForAccount = *language*Error.CustomerNotFoundForAccount
SP_Exception.NoDocumentsLoaded = *language*Error.NoDocumentsLoaded
SP_Exception.BNOLicences.Exceeded = *language*Error.BNOLicences.Exceeded
```

```
SP_Exception.FloatingLicences.Exceeded = *language*Error.FloatingLicencesExceeded
SP_Exception.NoRightBNO = *language*Error.NoRightBNO
SP_Exception.NoRightTime = *language*Error.NoRightTime
SP_Exception.NoRightTimeout = *language*Error.NoRightTimeout
SP_Exception.NoRightAccountClosed = *language*Error.NoRightAccountClosed
SP_Exception.ImageFormatNotSupported = *language*Error.ImageFormatNotSupported

SP_Exception.ErrorUnknownHost=*language*Error.UnknownHost
SP_Exception.ErrorIo=*language*Error.Io
SP_Exception.ErrorDataFormat=*language*Error.DataFormat
SP_Exception.ErrorCorruptImage=*language*Error.CorruptImage
SP_Exception.XmlInconsistent=*language*Error.XmlInconsistent

SP_Exception.ErrorTimeout=*language*Error.Timeout
SP_Exception.ErrorWrongMessageType=*language*Error.WrongMessageType

SP_Exception.ErrorDbClosed=*language*Error.DbClosed
SP_Exception.ErrorObjectNotFound=*language*Error.ObjectNotFound
SP_Exception.ErrorServerProblem=*language*Error.ServerProblem
SP_Exception.ErrorDbProblem=*language*Error.DbProblem
SP_Exception.ErrorUserNotFound=*language*Error.UserPasswordWrong
SP_Exception.ErrorPasswordWrong=*language*Error.UserPasswordWrong
SP_Exception.ErrorDbModified=*language*Error.DbModified
SP_Exception.ErrorObjectExists=*language*Error.ObjectExists
SP_Exception.ErrorServerBusy=*language*Error.ServerBusy
SP_Exception.ErrorListEmpty=*language*Error.ListEmpty
SP_Exception.ErrorNoAccess=*language*Error.NoAccess
SP_Exception.ErrorVerifiedSameUser=*language*Error.VerifiedSameUser
SP_Exception.ErrorOrderNotFound=*language*Error.OrderNotFound
SP_Exception.ErrorImageNotFound=*language*Error.ImageNotFound
SP_Exception.ErrorCustomerNotAllowed=*language*Error.CustomerNotAllowed
SP_Exception.ErrorOldVersion=*language*Error.OldVersion
SP_Exception.ErrorUserDisabled=*language*Error.UserDisabled
SP_Exception.ErrorWsDisabled=*language*Error.WsDisabled
SP_Exception.ErrorMaxTries=*language*Error.MaxTries
SP_Exception.ErrorUserExpired=*language*Error.UserExpired
SP_Exception.ErrorPasswordShort=*language*Error.PasswordShort
SP_Exception.ErrorPasswordReused=*language*Error.PasswordReused
SP_Exception.ErrorPasswordExpired=*language*Error.PasswordExpired
SP_Exception.ErrorSchemaNotFound=*language*Error.SchemaNotFound
SP_Exception.ErrorSchemaTimeLimit=*language*Error.SchemaTimeLimit
SP_Exception.RequestReplacedByNewer=*language*Error.RequestReplacedByNewer
SP_Exception.NotImplemented=*language*Error.NotImplemented
SP_Exception.WF_DocumentNotFound=*language*Error.WF_DocumentNotFound
SP_Exception.WF_EmptyQueue=*language*Error.WF_EmptyQueue
SP_Exception.WF_Memory=*language*Error.WF_Memory
SP_Exception.WF_NotLocked=*language*Error.WF_NotLocked
SP_Exception.WF_WrongParameter=*language*Error.WF_WrongParameter
SP_Exception.EmptyNewGroup=*language*Error.EmptyNewGroup
SP_Exception.PackageMissing=*language*Error.PackageMissing

SP_Exception.InconsistentXmlData=*language*Error.InconsistentXmlData
SP_Exception.IncompleteXmlData=*language*Error.IncompleteXmlData
SP_Exception.XmlCustomerAlreadyInDb=*language*Error.XmlCustomerAlreadyInDb
SP_Exception.NoRightForXmlCustomer=*language*Error.NoRightForXmlCustomer
SP_Exception.XmlDataSuccesfullyStored=*language*Error.XmlDataSuccesfullyStored
SP_Exception.DataRemoved=*language*Error.DataRemoved
SP_Exception.CustomerNoMissing=*language*Error.CustomerNoMissing
SP_Exception.AccountNoMissing=*language*Error.AccountNoMissing
SP_Exception.AccountNotUnique=*language*Error.AccountNotUnique
SP_Exception.CustomerNoInvalid=*language*Message.CustomerNumberInvalid
SP_Exception.AccountNoInvalid=*language*Message.AccountNumberInvalid
SP_Exception.SearchCriteriaInvalid=*language*Message.SearchCriteriaInvalid
```

```
SP_Exception.Archive_Image_Error=*language*Error.Archive_Image_Error
SP_Exception.Archive_No_Images=*language*Error.Archive_No_Images
SP_Exception.Archive_Xml_Write=*language*Error.Archive_Xml_Write
SP_Exception.Archive_InUse=*language*Error.Archive_InUse

SP_Exception.InconsistentEnrollData = *language*Error.InconsistentEnrollData
SP_Exception.NoRightForEnrollCustomer = *language*Error.NoRightForEnrollCustomer
SP_Exception.EnrollSignatoryNotFound = *language*Error.EnrollSignatoryNotFound
SP_Exception.InternalErrorCreateModifyEnrollData =
 *language*Error.InternalErrorCreateModifyEnrollData
SP_Exception.EnrollDataSuccesfullyStored = *language*Error.EnrollDataSuccesfullyStored
SP_Exception.ErrorDummySignatoryNotEnabled =
 *language*Error.ErrorDummySignatoryNotEnabled

SP_Exception.ICS_Connection = *language*Error.ICS_Connection
SP_Exception.IC_RangeNotAllocated = *language*Error.IC_RangeNotAllocated
SP_Exception.IC_RangeNotExist = *language*Error.IC_RangeNotExist
SP_Exception.IC_RangeOccupiedByOtherUser = *language*Error.IC_RangeOccupiedByOtherUser
SP_Exception.IC_QueueEmpty = *language*Error.IC_QueueEmpty
SP_Exception.IC_ServerError = *language*Error.IC_ServerError
SP_Exception.IC_NoDataLoaded = *language*Error.IC_NoDataLoaded
SP_Exception.IC_NoRefDataLoaded = *language*Error.IC_NoRefDataLoaded

SP_Exception.SignatoryNotFound=*language*Error.SignatoryNotFound

SP_Exception.PDF_ConversionFailed=*language*Error.PDF_ConversionFailed
SP_Exception.ICVSignatureNotFound=*language*Error.ICVSignatureNotFound
SP_Exception.ICV.Error=*language*Error.ICV

SP_Exception.ImageStack.IO = *language*Error.ImageStack.IO
SP_Exception.ImageStack.DeleteImage.Failed =
 *language*Error.ImageStack.DeleteImage.Failed

SP_Exception.XML.SecurityCheck.SigNo.Failed =
 *language*Error.XML.SecurityCheck.SigNo.Failed
SP_Exception.XML.SecurityCheck.PersonalId.Failed =
 *language*Error.XML.SecurityCheck.PersonalId.Failed
SP_Exception.XML.SecurityCheck.Variants.Failed =
 *language*Error.XML.SecurityCheck.Variants.Failed
SP_Exception.XML.ImageData.Check.AccountAttachments.Failed =
 *language*Error.XML.ImageData.Check.AccountAttachments.Failed
SP_Exception.XML.ImageData.Check.Documents.Failed =
 *language*Error.XML.ImageData.Check.Documents.Failed
SP_Exception.XML.ImageData.Check.StockImages.Failed =
 *language*Error.XML.ImageData.Check.StockImages.Failed
SP_Exception.XML.ImageData.Check.MonoSignature.Failed =
 *language*Error.XML.ImageData.Check.MonoSignature.Failed
SP_Exception.XML.ImageData.Check.GraySignature.Failed =
 *language*Error.XML.ImageData.Check.GraySignature.Failed
SP_Exception.XML.ImageData.Check.DynamicSignature.Failed =
 *language*Error.XML.ImageData.Check.DynamicSignature.Failed
```

Scan.properties

Contains configuration for the scan interface.

```
# Drawing Mode: 0: Draw Black on White
#               1: Draw White on Black
# This must match the Image Foreground
ScanCanvas.IntDrawMode = 0
```

```
# Class ScanCtrl (DialogBox)
ScanCtrl.DialogTitle = *language*ScanCtrl.DialogTitle

# Confirm Selection, After a mouse drag operation in ScanDialog?
# 0: Do not pupup the query message
# 1: show query and wait for user response
ScanCtrl.confirmEditDlg = 0

# Remove White space
# 0: Do not remove white space in the edited Bitmap
# 1: Aurtomatically remove white space in the edited Bitmap
ScanCtrl.RemoveWhitespace = 1

# How do you want to display the Toolbox oriented ?
#        0: Vertical
#        1: Horizontal
#        2: Horizontal, Scanner / Pad File are packed
ScanCtrl.Toolbox = 1

# ScanDialog: display the entire Page compressed
#        The Scan dialog reqires memory ...
#        The total amount for an A4 page reaches 48 MB and more, so we need to
#        limit the memory consumption by subsampling
#        The final memory usage is about 8 * MemoryLimit + 16 MB (for an A4 Page)
ScanCtrl.ScanMemoryLimit = 1500000

# Number of UndoSteps in EditDialog
# remember, each UndoStack will require a huge amount of memory
# it will save the entire image
ScanCtrl.UndoDepth = 5

# Allow writing in BW-Images (default 0)
# The edited images are normally masked with the gray image, so
# any writes will be realized in the color of the gray image.
# ON BW-images you may allow to actually add black color in the image.
SBAM_ScanIf.AllowBWWrite = 0

# the Masking may allow for leaving gray background
# this option will save the cleaned GrayImage for
# the final mask operation, rather than the original
ScanCtrl.StoreCleanedGray.Bool

# JPEG Compression
# Compression ratio, NOTE: compression is not loss-free
# Range: 0 .. 1.0, 1.0 = no compression, 0.0 = max compression
# do not set compression larger than 0.7, unless you have a
# good reason, and you know what you are doning
# typical value: 0.7
ScanCtrl.JPEG_Compression = 0.7

# Pad References: how many signature to capture for a reference
# template
Pad.References.Int = *settings*NumberOfPadReferences

# Class ScanCtrl (DialogBox)
# Dialog Titles
ScanCtrl.DialogTitle = *language*ScanCtrl.DialogTitle
ScanEdit.fileOpenTitle = *language*ScanEdit.fileOpenTitle
ScanEdit.fileSaveTitle =*language*ScanEdit.fileSaveTitle
#
# Dialog Query for Edit (Yes / No)
ScanCtrl.Edit.DlgText = *language*ScanCtrl.Edit.DlgText
```

```
# Dialog You must select a Scanner driver  (OK)
ScanCtrl.Scan.DlgText = *language*ScanCtrl.Scan.DlgText

# Dialog The selected Gray Bitmap may exceed the tolerable size  (OK)
ScanCtrl.GraySize.DlgText = *language*ScanCtrl.GraySize.DlgText

# Dialog The selected Gray Bitmap is too small for automatic cleaning
ScanCtrl.ImageSize.DlgText = *language*ScanCtrl.ImageSize.DlgText

# Class ScanEdit (DialogBox)
# Dialog Titles
ScanEdit.DialogTitle = *language*ScanEdit.DialogTitle

# Class PadIF
# Pad Samplefrequency
Pad.PadSamplerate = 200

# Available resolutions
Twain.ResolutionList.Int = 100 150 200 250 300 350 400

# Twain Dialog Resolution, valid entries:
# -1: enable dialog
# else resolution, [200 .. 400, in Twain.ResolutionList.Int]
Twain.Resolution.Int = -1

# Twain Dialog Color depth, valid entries:
# -1: enable dialog
#  1: BW
#  8: Gray
Twain.ColorDepth.Int = -1

# Max Number of Masks reached, user enters another mask:
#    0: ignore new mask
#    1: automatically erase the last mask
#    2: automatically erase the first mask
SigInfo.AutoEraseMask.Int      = 1

# Operation when mouse exits during drag operation:
# true: finalize drag successfull mith max image coordinates
# false: cancel drag operation (default)
SigInfo.DragExitOperation.Bool  = 0

# Zoom ratio
SigInfo.ZoomRate.Double         = 1.5

#compression factor
SigInfo.Compression = 1

# Default Zoom and position for account images
SigInfo.DefaultView.X.Double    = -1.0
SigInfo.DefaultView.Y.Double    = -1.0
SigInfo.DefaultView.Zoom.Double = -1.0

# Default Zoom and position for checkstock images
SigInfo.DefaultView.Checkstock.X.Double    = -1.0
SigInfo.DefaultView.Checkstock.Y.Double    = -1.0
SigInfo.DefaultView.Checkstock.Zoom.Double = -1.0

# Default Zoom and position for pdf images
SigInfo.DefaultView.PDF.X.Double    = -1.0
SigInfo.DefaultView.PDF.Y.Double    = -1.0
SigInfo.DefaultView.PDF.Zoom.Double = -1.0

# Use same Zoom / position for all pages (1) or
```

```
# save zoom / position for each page (0)
SigInfo.CopyViews.Bool          = 0

# Image resolution for displaying SigInfo Images (in DPI)
SignInfo.ImageResolution.Int    = 120
```

server.properties

Contains configuration for accessing SignBase, SignCheck and other servers.

```
# Enables SignBase to start the request against a secondary server.
# Attention: when using a secondary server both servers have to use the same database!!
# These different modes are available:
# 0 - default mode: only primary server is used
# 1 - alternate mode: two servers have to be available for data request, if data is
#       not found at primary server request is raised against the alternate
#       server, if secondary server is not available an error message is thrown
#       requests are always raised against the primary server in first instance
#       nevertheless the client has detected the absence of this server in previous
#       requests
# 2 - backup mode: if the first server is unavailable the client automatically
#       switches to the secondary server; all client request are raised against the
#       backup server until the client is terminated or the backup server becomes
#       unavailable. In latter case the client tries to connect to the primary server
#       again
SignBase.useSecondaryServer = 0

# Enables SignBase to start the different server.
# 0 - default: disabled
# 1 - Enabled
SignBase.customer.allowRequestToDifferentServer=0

# Server specification
# For each server (except the default server) you can specify
# - Name: a logical name for the server (this parameter is optional
#         (is used only for display; if a name is not specified
#          the server primary address is used instead)
# - Mode (bitweise or): 1 - Authorization 2 - SignBase, 4 - SignCheck, 6 - STV
# - Address1: the primary address (logical name or IP-address)
# - Port1: the port of the primary server
# - Timeout1: the timeout of the primary server
# - Address2: the secondary address (logical name or IP-address)
# - Port2: the port of the secondary server
# - Timeout2: the timeout of the secondary server
# - BNO: the bank number this server is for
# - CountryId: the country id this server is for
# - ChequeId: a cheque id (only used for SignCheck)
#
# The servers are numbered continously in ascending order beginning
# with Server1 till Server999. That means that there are a maximum
# of 999 servers. Continuous numbering is mandatory because if
# there is an interrupt the program cancels reading of the server
# specification.
#
# If server lookup is sensitive to BNO and/or CountryId and/or Cheque-Id
# and no server can be found for the current values a default server
# is used for the request.
# Default servers for Auth, SignBAse and SignCheck can be specified by
# giving a server specification without the BNO, CountryId and ChequeId
# properties. If no default servers are specified the program uses
```

```
# the local host as default server.
#
# if there is no explicit authorization server specified
# the appropriate SignBase server is used
#
# it is only possible to specify a secondary server for SignBase and Authorization
 access, secondary servers for SignCheck are ignored

Server1.Name = SignBase
Server1.Mode = 3
Server1.BNO =
Server1.ChequeId =
Server1.CountryId =
Server1.Address1 = *custom*SignBase.Host
Server1.Port1 = *custom*SignBase.Port
Server1.Timeout1 = *custom*SignBase.Timeout
Server1.Address2 =
Server1.Port2 = 2000
Server1.Timeout2 = 60000

Server2.Name = SignCheck
Server2.Mode = 4
Server2.BNO =
Server2.ChequeId =
Server2.CountryId =
Server2.Address1 = *custom*SignCheck.Host
Server2.Port1 =  *custom*SignCheck.Port
Server2.Timeout1 = *custom*SignCheck.Timeout
Server2.Address2 =
Server2.Port2 =
Server2.Timeout2 =

Server3.Name = Pad-Verification
Server3.Mode = 8
Server3.Address1 = *custom*STV.Host
Server3.Port1 =  *custom*STV.Port
Server3.Timeout1 = *custom*STV.Timeout

Server4.Name = SignInfo
Server4.Mode = 16
Server4.BNO =
Server4.ChequeId =
Server4.CountryId =
Server4.Address1 = *custom*ArchiveServer.Host
Server4.Port1 = *custom*ArchiveServer.Port
Server4.Timeout1 = *custom*ArchiveServer.Timeout
Server4.Address2 =
Server4.Port2 = 2015
Server4.Timeout2 = 60000

Server5.Name = Config
Server5.Mode = 32
Server5.Address1 = *custom*ConfigServer.Host
Server5.Port1 = *custom*ConfigServer.Port
Server5.Timeout1 = *custom*ConfigServer.Timeout
```

language.properties

Defines all labels and messages displayed in the Java Client. For each supported language a specific properties file is provided whose file name ends with the corresponding locale. The

content of language.properties file is not listed here because all entries are forwarded from SignBase.properties file.

Available language files are:

language.properties	Default (English)
language_en.properties	English (US)
language_en_GB.properties	English (UK)
language_de.properties	German
language_es.properties	Spanish

The language properties files can be found in the directory:

```
spclient.jar\de\softpro\signplus\client\resources
```

help.properties

Contains configuration for the online help. For each supported language a specific help properties file is provided whose file name ends with the corresponding locale.

Available help files are:

help.properties	Default (English US)
help_en_US.properties	English (UK)
help_de.properties	German
help_es.properties	Spanish

Normally there is no need to change the help properties for a customization.

Toolbar and menu actions

Overview of all existing actions used in menu and/or toolbar.

Menu name	Action name	Description
File menu		
Login	SBAC_Login	Opens the login dialog
Logout	SBAC_Logout	Logout of the current user
SearchCustomer	SBAC_SearchCustomer	Opens customer search dialog

Menu name	Action name	Description
SearchCustomerAccount	SBAC_SearchAccount	Opens account search dialog in account model
SearchAccount	SBAC_SearchAccount	Opens account search dialog in customer model
SearchUnboundVariants	SBAC_SearchUnboundVariants	Opens unbound variants search dialog
SearchUnprocessedImages	SBAC_DisplayCustomersNotProcessedImages	Opens the unprocessed images search dialog
SaveWorkspace	SBAC_SaveWorkspace	Saves the currently loaded customer
ResetWorkspace	SBAC_ResetWorkspace	Reset/clear workspace. Removes the currently loaded customer.
LoadDocuments	SBAC_LoadDocuments	Opens the dialog for loading mask sets
ClearDocuments	SBAC_ClearDocuments	Clears the currently loaded mask sets
AuditSearch	SBAC_AuditSearch	Opens the audit search dialog
AuditCompare	SBAC_AuditCompare	Opens the audit compare dialog
ReadXML	SBAC_ReadXML	Imports xml data
WriteXML	SBAC_WriteXML	Exports current customer as xml
Options	SBAC_Options	Opens the options dialog for selecting a bank number
Pause	SBAC_Pause	Enter pause mode
Exit	SBAC_Exit	Closes the application
Edit menu		
NewCustomer	SBAC_NewCustomer	Opens the dialog for creating a new customer
NewAccount	SBAC_NewAccount	Opens the dialog for creating a new account
NewSignatory	SBAC_NewSignatory	Opens the dialog for creating a new signatory
NewVariant	SBAC_NewVariant	Opens the dialog for creating a new variant

Menu name	Action name	Description
NewChop	SBAC_NewChop	Opens the dialog for creating a new chop
ChangeCustomer	SBAC_ChangeCustomer	Opens the dialog for editing the customer
ChangeAccount	SBAC_ChangeAccount	Opens the dialog for editing the current account
EditSignatory	SBAC_EditSignatory	Opens the dialog for editing the currently selected signatory
EditRules	SBAC_EditRules	Opens the edit rules dialog
EditGroups	SBAC_EditGroups	Opens the edit groups dialog
EditImage	SBAC_EditImage	Opens the dialog for editing an image
CopySignatories	SBAC_CopySignatories	Opens the dialog for copying signatories
EditCheckstock	SBAC_EditCheckstock	Opens the stock image details dialog
CopyAccountImages	SBAC_CopyAccountImages	Opens the dialog for copying account attachments
DeleteCustomer	SBAC_DeleteCustomer	Opens the dialog for deleting the current customer
DeleteAccount	SBAC_DeleteAccount	Opens the dialog for deleting the currently selected account
DeleteSignatory	SBAC_DeleteSignatory	Opens the dialog for deleting the currently selected signatory
DeleteFraudulent	SBAC_DeleteFraudulent	Opens the dialog to confirm fraudulent delete of the currently selected signatory
MarkFraudulent	SBAC_MarkFraudulent	Marks the currently selected signatory as fraudulent
DeleteSignature	SBAC_DeleteImage	Deletes the currently selected account attachment

Menu name	Action name	Description
DeleteScannedImage	SBAC_DeleteScannedImage	Deletes the currently selected scanned image
DeleteStockImage	SBAC_DeleteStockImage	Deletes the currently selected stock image
DeletePDFDocument	SBAC_DeletePDFDocument	Deletes the currently selected pdf document
AssignVariants	SBAC_AssignVariants	Opens the dialog for assigning variants
ILOpenStack	SBAC_ILOpenStack	Opens the dialog for starting the image loader (load images from filesystem)
Scan menu		
ScanSignInfo	SBAC_ScanSignInfo	Opens the dialog for scanning an image
LoadImage	SBAC_LoadImage	Loads an image from filesystem
ScanCheckstock	SBAC_ScanCheckstock	Opens the dialog for scanning a stock image
LoadCheckstock	SBAC_LoadCheckstock	Loads astock image from filesystem
ScanSignature	SBAC_ScanSignature	Opens the dialog for scanning a signature
EditSignature	SBAC_EditSignature	Opens the dialog for editing a signature image
ScanOptions	SBAC_ScanOptions	Opens the scan options dialog
ILNextImage	SBAC_ILNextImage	Gets the next image from the image loader
ILSkipImage	SBAC_ILSkipImage	Skips the next image from the image loader
ILExitStack	SBAC_ILExitStack	Exits the image loader
Display menu		
DisplaySignatory	SBAC_DisplaySignatory	Opens the signatory dialog read only
DisplayCustomer	SBAC_DisplayCustomer	Opens the customer dialog read only
DisplayAccount	SBAC_DisplayAccount	Opens the account dialog read only

Menu name	Action name	Description
DisplayRules	SBAC_DisplayRules	Opens the rules dialog read only
DisplayGroups	SBAC_DisplayGroups	Opens the groups dialog read only
DisplaySignatoriesView	SBAC_DisplaySignatoriesView	Shows the signatory list panel
DisplayCheckstockView	SBAC_DisplayCheckstockView	Shows the checkstock panel
DisplayAccountAttachmentView	SBAC_DisplayAccountAttachmentView	Shows the account attachment panel
DisplayPDFDocumentView	SBAC_DisplayPDFDocumentView	Shows the pdf documents panel
SelectSignatory	SBAC_SelectSignatory	Opens the dialog for selecting a signatory
SelectAccount	SBAC_SelectAccount	Opens the dialog for selecting an account in customer model
LoadSignatures	SBAC_LoadSignatures	Loads all signatures of signatories
Verify menu		
VerifyCustomer	SBAC_VerifyCustomer	Verifies the current customer in customer model
VerifyAccount	SBAC_VerifyCustomer	Verifies the current account in account model
DisplayChangesCustomer	SBAC_DisplayChangesCustomer	Opens dialog for displaying users who changed the current customer in customer model
DisplayChangesAccount	SBAC_DisplayChangesCustomer	Opens dialog for displaying users who changed the current account in account model
DisplayCustomersNotVerified	SBAC_DisplayCustomersNotVerified	Opens the dialog for searching unverified customers in customer model
DisplayAccountsNotVerified	SBAC_DisplayCustomersNotVerified	Opens the dialog for searching unverified accounts in account model

Menu name	Action name	Description
In-clearing menu		
resetQueue	SBAC_ResetQueue	Resets the queue
finishQueue	SBAC_FinishQueue	Release all items allocated for inwards clearing by the current user
getNext	SBAC_NextQueueEntry	Get the next Account / Customer matching the next document in the Document list
getPrev	SBAC_PrevQueueEntry	Get the next Account / Customer matching the previous document in the Document list
getNextH	SBAC_NextQueueEntryH	Get the next Account / Customer matching the next document in the Document list with hold
getPrevH	SBAC_PrevQueueEntryH	Get the next Account / Customer matching the previous document in the Document list with hold
acceptQueueItem	SBAC_AcceptQueueItem	Accepts an InwardClearing item
rejectQueueItem	SBAC_RejectQueueItem	Rejects an InwardClearing item
Help menu		
ShowHelp	SBAC_Help	Opens the online help window
TraceLog	SBAC_TraceLog	Opens the log window
DisplayInfo	SBAC_DisplayInfo	Opens the module overview dialog
Archive menu		
ImportNext	SBAC_ImportNext	Import next document from AIS
ImportUpdate	SBAC_ImportUpdate	Search new documents on AIS
Import	SBAC_Import	Opens the dialog for importing documents from AIS
DiscardFromArchive	SBAC_CommitCustomer	Release a document on AIS

Menu name	Action name	Description
AmsInfo	SBAC_AmsInfo	Displays AIS information

EasyExtensions

The EasyExtensions mechanism allows the configuration of displaying and editing extensions in dialogs without using the programming interface. EasyExtensions are available with R43.

Dialogs/Panels which support EasyExtensions:

Name	Editable	Notes
SBAM_CustomerAccount	Y	[Account model] Supports extensions from customer and account
SBAM_Customer	Y	Supports extensions from customer
SBAM_Account	Y	Supports extensions from customer and account
SBAM_Signatory	Y	Supports extensions from customer, account (only in account model) and signatory
SBAM_CustomerInfoPane	N	Supports extensions from customer and account (in customer model only the selected account). In this panel the extension UI widgets are placed horizontally one after another in a scroll panel. Text fields and combo boxes are displayed as label widgets.
SBAM_AccountAttachmentDetails	Y (in dialog)	Supports extensions from customer, account (in customer model only the selected account) and account attachment.
SBAM_CheckstockImageDetails	Y (in dialog)	Supports extensions from customer, account (in customer model only the selected account) and stock image
SBAM_Rule	Y	Supports extensions from customer, account (only in account model) and rule.

Some of the listed dialogs have subclasses which explicitly handle the creation and display (read-only) of an object like SBAM_CustomerAccountNew and SBAM_CustomerAccountDisplay. EasyExtensions will be also supported in these subclasses.

Each of these dialogs/panels can show extensions in a separate panel in which the extensions are placed vertically one after the other. This separate panel will have a configurable titled border and is scrollable to support the display of unlimited extensions. The default dimension of the extensions panel will be able to display five text fields without scrolling. Via configuration it will be possible to overwrite the default dimension for each dialog.
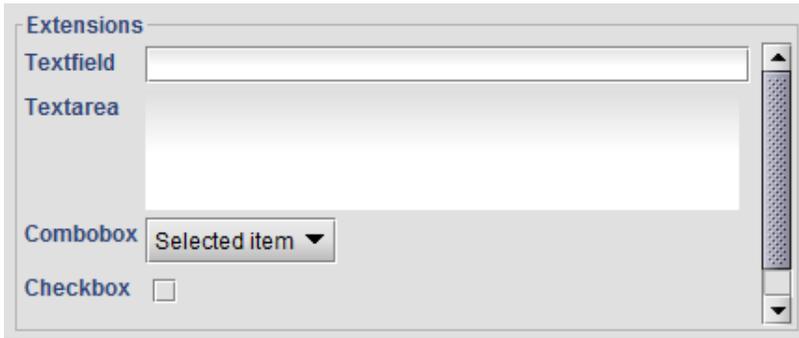
Note that the separate extension panel is only visible when EasyExtensions are configured for the corresponding dialog.

Supported UI widgets

The supported UI widgets for EasyExtensions are text fields, text areas, combo boxes and checkboxes. The UI widget which is used to display an extension can be configured for each dialog/panel. The concrete display or edit behaviour is triggered by the corresponding extension type.

Text field

Extension Type	Notes
1 (Char)	[Not recommended for text field] Only one character can be displayed/entered
2 (Char-Binary)	[Not recommended for text field] Only one character can be displayed/entered
3 (SmallInt)	Only short values can be displayed/entered
4 (Integer)	Only integer values can be displayed/entered
5 (Decimal)	Only decimal values can be displayed/entered
6 (Date)	Only date values can be displayed/entered. The date format is taken from configuration entry Date.Mask in file language.properties.
7 (String)	

Text area

Extension Type	Notes
1 (Char)	[Not recommended for text area] Only one character can be displayed/entered
2 (Char-Binary)	[Not recommended for text area] Only one character can be displayed/entered
3 (SmallInt)	[Not recommended for text area] Only short values can be displayed/entered

Extension Type	Notes
4 (Integer)	[Not recommended for text area] Only integer values can be displayed/entered
5 (Decimal)	[Not recommended for text area] Only float or double values can be displayed/entered
6 (Date)	[Not recommended for text area] Only date values can be displayed/entered. The date format is taken from configuration entry Date.Mask in file language.properties.
7 (String)	

Combo box

When using a combo box to display an extension the extension value is expected to be a key.

The label which is actually displayed for the corresponding key in the combo box needs to be defined in the custom.zip configuration as described in chapter 3.2.3.

Extension Type	Notes
1 (Char)	
2 (Char-Binary)	[Not supported for combo box]
3 (SmallInt)	
4 (Integer)	
5 (Decimal)	[Not supported for combo box]
6 (Date)	[Not supported for combo box]
7 (String)	

Checkbox

Extension Type	Notes
1 (Char)	Checked: 't', 'y', '1' (case insensitive) Unchecked: every other value
2 (Char-Binary)	Checked: 't', 'y', '1' (case insensitive) Unchecked: every other value
3 (SmallInt)	Checked: 1 Unchecked: every other value
4 (Integer)	Checked: 1 Unchecked: every other value
5 (Decimal)	[Not supported for checkbox]
6 (Date)	[Not supported for checkbox]
7 (String)	Checked: "true", "yes", "1" (case insensitive) Unchecked: every other value

Configuration of EasyExtensions

EasyExtensions will be configured in SignBase.properties for each dialog.

The current extension configuration handling (ExtensionSpecification) is the base for EasyExtensions.

```
ExtensionSpecification.Extensions = ExtName1 ExtName2 ExtName3 ExtName4
ExtensionSpecification.ExtName1.ID = 1
ExtensionSpecification.ExtName1.Type = 7
ExtensionSpecification.ExtName1.Relation = C
ExtensionSpecification.ExtName1.Default =
ExtensionSpecification.ExtName2.ID = 2
ExtensionSpecification.ExtName2.Type = 7
ExtensionSpecification.ExtName2.Relation = C
ExtensionSpecification.ExtName2.Default =
ExtensionSpecification.ExtName3.ID = 3
ExtensionSpecification.ExtName3.Type = 3
ExtensionSpecification.ExtName3.Relation = C
ExtensionSpecification.ExtName3.Default =
ExtensionSpecification.ExtName4.ID = 4
ExtensionSpecification.ExtName4.Type = 1
ExtensionSpecification.ExtName4.Relation = C
ExtensionSpecification.ExtName4.Default =
```

To turn these extensions into EasyExtensions which are displayed for example in the SBAM_Customer dialog the SignBase.properties configuration looks like this:

```
# This setting specifies the extensions which will be used in the dialog
# and also their display order.
SBAM_Customer.Extensions = ExtName1 ExtName2 ExtName3 ExtName4
# This setting specifies the visibility of the extension border.
SBAM_Customer.Extensions.Border.Visible = 1

# This setting specifies the title of the extension border.
# In order to display a border without title specify an empty value here.
SBAM_Customer.Extensions.Border.Title = *language*extensions.border.title
# This setting overwrites the default height of the extension panel.
SBAM_Customer.Extensions.Dimension.Height =
# This setting overwrites the default width of the extension panel.
SBAM_Customer.Extensions.Dimension.Width =

# Configuration for text field ExtName1
SBAM_Customer.ExtName1.Label = *language*extName1.Label
SBAM_Customer.ExtName1.Size = *sizes*customer.extName1.size
SBAM_Customer.ExtName1.MinSize = *sizes*customer.extName1.minsize
SBAM_Customer.ExtName1.Visible = 1
SBAM_Customer.ExtName1.Enabled = 1
SBAM_Customer.ExtName1.Mandatory = 1
SBAM_Customer.ExtName1.Mask =
SBAM_Customer.ExtName1.AutomaticFocusTraversal =
SBAM_Customer.ExtName1.ConvertToUppercase =
# This setting specifies which UI widget is used to display the extension.
# Valid values are:
# 1 - text field
# 2 - text area
# 3 - combo box
# 4 - checkbox
SBAM_Customer.ExtName1.Widget = 1

# Configuration for text area ExtName2
SBAM_Customer.ExtName2.Label = *language*extName2.Label
```

```
SBAM_Customer.ExtName2.Size = *sizes*customer.extName2.size
SBAM_Customer.ExtName2.MinSize = *sizes*customer.extName2.minsize
SBAM_Customer.ExtName2.Visible = 1
SBAM_Customer.ExtName2.Enabled = 1
SBAM_Customer.ExtName2.Mandatory = 0
SBAM_Customer.ExtName2.Widget = 2
# Configuration for checkbox ExtName3
SBAM_Customer.ExtName3.Label = *language*extName3.Label
SBAM_Customer.ExtName3.Size = 1
SBAM_Customer.ExtName3.MinSize = 1
SBAM_Customer.ExtName3.Visible = 1
SBAM_Customer.ExtName3.Enabled = 1
SBAM_Customer.ExtName3.Mandatory = 0
SBAM_Customer.ExtName3.Widget = 4
# Configuration for combo box ExtName4
SBAM_Customer.ExtName4.Label = *language*extName4.Label
SBAM_Customer.ExtName4.Size = *sizes*customer.extName4.size
SBAM_Customer.ExtName4.MinSize = 0
SBAM_Customer.ExtName4.Visible = 1
SBAM_Customer.ExtName4.Enabled = 1
SBAM_Customer.ExtName4.Mandatory = 0
SBAM_Customer.ExtName4.Widget = 3
# This setting is only available for combo box widgets.
# It is read in the dialog class to build the corresponding combo box
# model.
SBAM_Customer.ExtName4.KeyValueList = *lists*customer.extName4.keyValueList
```

Example lists.properties configuration for ExtName4 extension:

```
customer.extName4.keyValueList = Value1 Value2 Value3
customer.extName4.keyValueList.type = C
Value1.key = 0
Value1.value = *language*customer.extName4.keyValueList.value1
Value2.key = 1
Value2.value = *language*customer.extName4.keyValueList.value2
Value3.key = 2
Value3.value = *language*customer.extName4.keyValueList.value3
```

For all other dialogs the configuration of EasyExtensions is the same, as in the SBAM_Customer example above, except for the panel SBAM_CustomerInfoPane which will be configured like this:

```
SBAM_CustomerInfoPane.Extensions = ExtName1 ExtName2 ExtName3 ExtName4
SBAM_CustomerInfoPane.Extensions.Border.Visible = 1
SBAM_CustomerInfoPane.Extensions.Border.Title =    *language*extensions.border.title

SBAM_CustomerInfoPane.ExtName1.Label = *language*extName1.Label
SBAM_CustomerInfoPane.ExtName1.Size = *sizes*customer.extName1.size
SBAM_CustomerInfoPane.ExtName1.Visible = 1
SBAM_CustomerInfoPane.ExtName1.Mask =
SBAM_CustomerInfoPane.ExtName1.Widget = 1
SBAM_CustomerInfoPane.ExtName2.Label = *language*extName2.Label
SBAM_CustomerInfoPane.ExtName2.Size = *sizes*customer.extName2.size
SBAM_CustomerInfoPane.ExtName2.Visible = 1
SBAM_CustomerInfoPane.ExtName2.Widget = 2

SBAM_CustomerInfoPane.ExtName3.Label = *language*extName3.Label
SBAM_CustomerInfoPane.ExtName3.Size = 1
SBAM_CustomerInfoPane.ExtName3.Visible = 1
SBAM_CustomerInfoPane.ExtName3.Widget = 4

SBAM_CustomerInfoPane.ExtName4.Label = *language*extName4.Label
SBAM_CustomerInfoPane.ExtName4.Size = *sizes*customer.extName4.size
SBAM_CustomerInfoPane.ExtName4.Visible = 1
```

```
SBAM_CustomerInfoPane.ExtName4.Widget = 3
```

For panel SBAM_CustomerInfoPane note that
- there is no dimension configuration of the extension panel
- text fields and combo boxes are displayed as labels

BNO-specific configuration

It is possible to define different versions of a properties file for different bank numbers (BNOs). This is called a BNO specific mutation of a properties file and is supported for all properties files except custom.properties.

In order to use a BNO specific configuration you have to provide the file bno.properties in the custom.zip.

A list of all derived files have to be given for each property file.

Additionally there must be a list of all BNO's the derived file is valid for.

BNO's not listed will refer to the default property file.

```
<properties file name>.Mutations = <list of mutated properties file names>
```

```
<mutated properties file name>.ValidFor = <list of BNOs>
```

This is an example for the properties file SignBase.properties.

The following files:

```
SignBase001
```

```
SignBaseGroup
```

```
SignBase004and005
```

should be located in custom.zip.

```
SignBase.Mutations = SignBase001 SignBaseGroup SignBase004and005
```

```
SignBase001.ValidFor = 001
```

```
SignBase004and005.ValidFor = 004 005
```

```
SignBaseGroup.ValidFor = 002 003 006
```

This means:

If the BNO is 001, SignBase001.properties is used.

If BNO is 004 or 005, SignBase004and005.properties is used.

If BNO is 002, 003 or 006, SignBaseGroup.properties is used.

For all other BNOs SignBase.properties is used.

Other files have to be handled in the same way.

If a BNO change takes place during a session of a SignBase user, all resource files are read again to ensure to work with the correct resource files.

Mandatory properties

Mandatory properties for a Java Client customization is the settings.properties containing the settings:

```
Customer.Version = $Name: $

Bank = Name of the Bank
```

When using SignCheck additionally the SCClient.properties is needed with at least these settings:

```
$#INSERT custom:Variants
$#INCLUDE de/softpro/signplus/client/resources/SCClient

menuResource=SCClientMenu
```

SignCheck-specific Configuration Options

Resource files

The following resource files are used by SignCheck:

Resource file	Description
SCClient.properties	The main configuration file for SignCheck
SCClientMenu.properties	The configuration file for the SignCheck menu
SCClientMenu_de.properties	The configuration file for the SignCheck menu in German language
comments.properties	Contains the reject reasons for all queues
comments_de.properties	Contains the reject reasons for all queues in German language
comments_en.properties	Contains the reject reasons for all queues in English language
comments_es.properties	Contains the reject reasons for all queues in Spanish language
language.properties	Contains language-dependent settings
language_de.properties	Contains language-dependent settings in German language
language_en.properties	Contains language-dependent settings in English language
language_en_GB.properties	Contains language-dependent settings in British English language

Resource file	Description
language_es.properties	Contains language-dependent settings in Spanish language
custom.properties	Contains all settings of the files above that can be modified by the customer

Formulas

A formula is intended to flexible describe the value for the according key in a resource file.

A formula has the syntax:

```
${<name>[|<function1>][<delm><function2>…]…}
```

where:

<name> - A key in a hashtable or one of the values of keys item<n> and its additional names for the workflow results or:

%QUEUE	the name of the current queue
%PREVIOUS_RESULT	the result of the previous decision (in any queue)
%PREVIOUS_COMMENT	the comment of the previous decision (in any queue)
%DECISIONS	the number of decisions made by the current user for the current queue
%LISTCOUNT	the count of rows if the current list
%LISTITEM	the current row of rows if the current list

<delm> - Delimiter between variables and functions. There are three possibilities:

?	The following function is not executed if the condition is false. When evaluating a formula, the condition is initially set to undefined, which means an unconditional execution of the following function. Every function can change this condition, but if it doesn't, the condition remains unchanged.
:	The following function is not executed if condition is true.
|	The following function is always executed.

<function> - A function. Functions are executed from left to right. The input value for the function is the output value of its predecessor or the initial value of the variable resp.

Syntax

```
<function><parm1>,<parm2>,<parm3>,…
```

<parm> - 0…n parameters for the function. If a parameter has the type String then it can be enclosed in double quotes to separate the parameter from the function if this is the first parameter or to use the delimiter comma inside the String. A double quote inside the String is written as 2 double quotes .

<name> and <parm> can contain the following expressions that are resolved before using:

Expression	Description
$$	The character $.
$*	The String representation of the input value. In case of <name> the input value is empty.
$#	The length of the String representation of the input value. In case of <name> a 0.
$?	The returncode of the previous function or 0 for the first function or in case of <name>.
$H<key>$	The value of hashtable key <key>. The $ after <key> can be omitted if it is the last character.
$K<key>$	The value of resource file key <key>. The $ after <key> can be omitted if it is the last character.

Predefined functions

This is the list of predefined functions in alphabetical order. It can be extended by using the keys newFunction1, newFunction2, etc. It is also possible, but not recommended, to overwrite an existing function by another one with the same name.

NAME	Return code	Condition	Description

ADDONE	0	unchanged	Increases a given timestamp by the smallest possible value.
			Syntax
			`ADDONE"format-pattern"`
			where:
			`format-pattern`
			the format of the timestamp.
			Default: "yyyy-MM-dd HH:mm:ss.SSSSSS"

BIN	0	unchanged	Interprets binary data as a number
			Syntax
			`BIN[byte-order]`
			where:
			`byte-order`
			0 - Intel byte order
			1 - Motorola byte order
			Default: 0

NAME	Return code	Condition	Description

BOOL	unchanged	true if the Boolean value is true, otherwise false	Interprets the input value as a Boolean and returns 1 if the result is true, otherwise 0.
			
			The following strings (case-insensitive) are interpreted as true:
			
			• true
			
			• on
			
			• yes
			
			• 1
			
			The following strings (case-insensitive) are interpreted as false:
			
			• false
			
			• off
			
			• no
			
			• 0
			
			All other strings provoke a Runtime Exception.
			
			Syntax
			
			`BOOL[default]`
			
			where:
			
			`default`
			
			the return value for the case that the input could not be interpreted as a Boolean value
			
			Default: 0

BREAK	unchanged	unchanged	Finishes the execution of the chain of functions. The following functions are not executed. The value of the formula remains unchanged. Syntax `BREAK`

NAME	Return code	Condition	Description

CALC	0	unchanged	Calculates a number from a numeric expression. The result is an integer value.
			
			Syntax
			
			`CALC[expression[,location[,type]]]`
			
			where:
			
			`expression`
			
			a numeric expression starting with one of the operators +, -, *, /, % or SQRT. The first operand is the input value.
			
			`location`
			
			the location of the value:
			
			V - the value as it is. In this case the result becomes the output value
			
			H - the value is a key of the hashtable containing the actual value. In this case the result is stored as the new value of the hashtable key and the output remains unchanged
			
			S - the value is the basename of a key in the hashtable. <value>.0 contains the number of values, <value>.1 the first value etc. In this case the results are stored in the same hashtable keys and the output remains unchanged.
			
			Default: V
			
			`type`
			
			the type of the input:
			
			S - the input is a single numeric value
			
			L - the input is a comma-separated list of numeric values
			
			Default: S

CASE	unchanged	unchanged	Changes the case of the input String, but if the input is a byte array, it does nothing.
			
			Syntax
			
			`CASE[modus]`
			
			where:
			
			`modus`
			
			0 - changes nothing
			
			1 - changes the input to lowercase
			
			2 - changes the input to uppercase
			
			3 - invert upper and lower case
			
			Default: 1

NAME	Return code	Condition	Description

CLEAR	The number of deleted keys in the hashtable	unchanged	Deletes keys from the hashtable.
			Syntax
			`CLEAR[regex]`
			where:
			`regex`
			a regular expression denoting all keys to be deleted.
			Example
			`CLEAR^SCR-.*`
			Deletes all keys starting with SCR-

DATAREAD	unchanged	unchanged	Reads additional data from the data file, beginning at the current file position.
			Syntax
			`DATAREAD[length]`
			where:
			`length`
			the number of bytes to be read
			Default: 0

NAME	Return code	Condition	Description

DATE	0	unchanged	Converts the current date or a given date to an arbitrary format.
			
			Syntax
			
			`DATE"[out-time-pattern"[,milliseconds[,in-time-pattern]]]`
			
			where:
			
			`out-time-pattern`
			
			the pattern for the time format (default "yyyy-MM-dd"): To specify the time format use a time-pattern string. In this pattern, all ASCII letters are reserved as pattern letters, which are defined as the following:
			
			`Symbol Meaning Presentation Example`
			
			`------ ------- ------------ -------`
			
			`G era designator (Text) AD`
			
			`y year (Number) 1996`
			
			`M month in year (Text & Number) July & 07`
			
			`d day in month (Number) 10`
			
			`h hour in am/pm (1~12) (Number) 12`
			
			`H hour in day (0~23) (Number) 0`
			
			`m minute in hour (Number) 30`
			
			`s second in minute (Number) 55`
			
			`S millisecond (Number) 978`
			
			`E day in week (Text) Tuesday`
			
			`D day in year (Number) 189`
			
			`F day of week in month (Number) 2-2.Wed in May`
			
			`w week in year (Number) 27`
			
			`W week in month (Number) 2`
			
			`a am/pm marker (Text) PM`
			
			`k hour in day (1~24) (Number) 24`
			
			`K hour in am/pm (0~11) (Number) 0`
			
			`z time zone (Text) Pac. Std. Time`
			
			`' escape for text (Delimiter)`
			
			`'' single quote (Literal) '`

NAME	Return code	Condition	Description
			The count of pattern letters determine the format.
			(Text): 4 or more pattern letters--use full form, <4--use short or abbreviated form if one exists.
			(Number): the minimum number of digits. Shorter numbers are
			zero-padded to this amount. Year is handled specially; that is, if the count of 'y' is 2, the Year will be truncated to 2 digits.
			(Text & Number): 3 or over, use text, otherwise use number.
			Any characters in the pattern that are not in the ranges of
			['a'..'z'] and ['A'..'Z'] will be treated as quoted text. For instance, characters like ':', '.', ' ', '#' and '@' will appear in the resulting time text even they are not embraced within single quotes.
			A pattern containing any invalid pattern letter will result in a thrown exception during formatting or parsing.
			`milliseconds`
			before conversion, this value is added to the current time in milliseconds.
			milliseconds can also be negative.
			Default: 0
			`in-time-pattern`
			if not specified, the time to be converted is the current time.
			if specified, the time to be converted is taken from the current value, that is assumed to be a date according to this pattern. The following ASCII letters are supported:
			`Symbol Meaning Presentation Example`
			`------ ------- ------------ -------`
			`y year (Number) 1996`
			`M month in year (Number) 07 (July)`
			`d day in month (Number) 10`
			`h hour in am/pm (1~12) (Number) 12`
			`H hour in day (0~23) (Number) 0`
			`m minute in hour (Number) 30`
			`s second in minute (Number) 55`
			`S millisecond (Number) 978`
			`E day in week (Number) 2 (Tuesday)`
			`D day in year (Number) 189`
			`w week in year (Number) 27`
			`W week in month (Number) 2`
			If the in-time-pattern does not specify a time completely, the missing values are taken from the current time.

NAME	Return code	Condition	Description

DATEDIFF	0	unchanged	Calculates the difference of 2 dates in a given unit.
			Syntax
			`DATEDIFF"date-string"[,unit[,in-time-pattern]]`
			where:
			`date-string`
			the 2nd operand for building the date difference (the first operand is the input value)
			`unit`
			one of the following units for the date diff result:
			s - second
			m - minute
			h - hour
			d - day
			w - week
			Default: d
			`in-time-pattern`
			the same as in function DATE, Default is "yyyy-MM-dd"

DELETEFILE	0 - o.k. or file did not exist
	1 - deleting failed
	2 - name empty
		unchanged	Deletes a file.
			Syntax
			`DELETEFILE"name"`
			where:
			`name`
			the filename

NAME	Return code	Condition	Description

DIRLIST	unchanged	unchanged	Stores the names of files of a directory in the hashtable.
			
			The input value is supposed to contain the directory of the files.
			
			Syntax
			
			`DIRLIST"name",useRegex,stem,subdirs`
			
			where:
			
			`name`
			
			the extension of the files or a regular expression denoting the filename
			
			Default: ".dat"
			
			`useRegex`
			
			1 - use regular expressions for the match.
			
			0 - compare using String.endsWith().
			
			Default: 1
			
			`stem`
			
			the basename in the hashtable. <stem>.0 contains the number of files, <stem>.1 the name of the first file etc. If stem is empty, then nothing will be stored.
			
			`subdirs`
			
			1 - subdirectories are searched
			
			0 - subdirectories are ignored
			
			Default: 0

EBCTOASC	unchanged	unchanged	Translates from ebcdic to ascii code. Syntax `EBCTOASC` This function is actually only needed if the input file contains texts in different codepages. If this is not the case, the setting codepageDataFile=Cp273 can used instead.

ERR	1	unchanged	Finishes the execution of the chain of functions, prints an error message and throws a RuntimeException.
			
			Syntax
			
			`ERR[message[,column,value]]`
			
			where:
			
			`message`
			
			the detailed message
			
			`column`
			
			the column of a database table
			
			`value`
			
			the value for the database table column

NAME	Return code	Condition	Description

FIELD	0	unchanged	Takes one field from a chain of fields.
			Syntax
			`FIELD[field-number[,field-separators]]`
			where:
			`field-number`
			the number of the field, starting with 1 (default: 1)
			`field-separators`
			a String with all possible field separators (default: ",")

FIELD	0	unchanged	Takes one field from a chain of fields.
			Syntax
			`FIELD[field-number[,field-separators]]`
			where:
			`field-number`
			the number of the field, starting with 1 (default: 1)
			`field-separators`
			a String with all possible field separators (default: ",")

FIELDS	0	unchanged	The number of fields
			Syntax
			`FIELDS[field-separators]`
			where:
			`field-separators`
			a String with all possible field separators (default: ",")

FILE	0	unchanged	Builds a String using special expressions for the filename of the data file.
			Syntax
			`FILE"[file-format"]`
			where:
			`file-format`
			a formatting String using special expressions for the filename of the data file (default: "%f"):
			%v - the drive
			%e - the file extension
			%n - the filename without path and extension
			%p - the path without filename
			%f - the absolute file name
			%% - the % sign

NAME	Return code	Condition	Description

FILEINFO	0	unchanged for parms Absolute, Canonical, Modified and Length
		
		True for the remaining parms with an positive result
		
		False otherwise
			Returns information about a file. In those cases, where the condition changes, the input remains unchanged
			
			Syntax
			
			`FILEINFO["file-property"[,location]]`
			
			where:
			
			`file-property`
			
			a property of a file (only the first character of the property is important):
			
			Exists - sets condition to true if the file exists, otherwise false
			
			Read - sets condition to true if the file is readable, otherwise false
			
			Write - sets condition to true if the file is writable, otherwise false
			
			File - sets condition to true if the file is a normal file, otherwise false
			
			Directory - sets condition to true if the file is a directory, otherwise false
			
			Canonical - the canonical path of the file
			
			Absolute - the absolute path of the file
			
			Modified - the time of last modification in milliseconds or 0 if the file does not exist
			
			Length - the length of the file or 0 if the file does not exist
			
			`location`
			
			D - the data directory
			
			C - the current directory

FMT	0	unchanged	Formats the argument
			
			Syntax
			
			`FMT"format-string"[,argument]`
			
			where:
			
			`format-string`
			
			a formatting String according to the C-Library's sprintf format String (default: "") with 1 extension:
			
			S Substring. This is an extension to the sprintf()
			
			C library function. width and precision are the offset and the length of the substring. If the '-' flag was used, the offset is counted from the end of the String, e.g. %-1.2S returns the last 2 characters of the string. The offset is 1-based.
			
			`argument`
			
			the argument for the formatting String. If omitted, the input value is used instead.

NAME	Return code	Condition	Description

HEX	0	unchanged	Translates binary data to hexadecimal.
			Syntax
			`HEX[byte-order]`
			where:
			`byte-order`
			0 - Intel byte order
			1 - Motorola byte order
			Default: 0

KEYVALUE	unchanged	unchanged	Returns a substring from the input. The substring has to be preceded by the key value and ends before the delimiter value.
			If the key is empty, an empty string is returned.
			Syntax
			`KEYVALUE[key[,delimiter]]`
			where:
			`key`
			the string preceding the desired value
			Default: empty
			`delimiter`
			the string following the desired value
			If the delimiter was not found in the input string or the delimiter is empty, then the remainder of the input string following the key is returned
			Default: empty
			Example
			Input:
			`rc=2; match=17; area=1,2,3,4`
			`KEYVALUE"match=",";"`
			Return:
			`"17"`

LDATE	0 - o.k.	unchanged	Converts a ISO date string into the local date format or vice-versa. The local date format is defined in in SignBase.properties in key "DateTextField.Date.Mask" for the current project, e.g. "dd/MM/yyyy"
			Syntax
			`LDATE[dir]`
			where:
			`dir`
			the direction of conversion:
			1 - from ISO date format (yyyy-MM-dd) to the local format
			0 - from the local format to the ISO date format
			Default: 1

NAME	Return code	Condition	Description

LISTZIP	0 - o.k.
	1 - error
	2 - name or basename empty
		unchanged	Stores the names of the entries of a zip file in the hashtable.
			Syntax
			`LISTZIP"name"[,"stem"]`
			where:
			`name`
			the name of the zip file
			`stem`
			the basename in the hashtable. stem.0 contains the number of entries in the zip file, stem.1 the name of the first entry etc. If stem is empty, then the input value will be the basename.

LNUMBER	0 - o.k.	unchanged	Converts an integer number to a decimal number
			Syntax
			`LNUMBER[digits]`
			where:
			`digits`
			the number of digits after the comma
			Default: 0

LOAD	unchanged	unchanged	Sets the output value
			Syntax
			`LOAD[source[,name]]`
			`source`
			is one of the sources:
			-A a constant
			-C a column of a table
			-L the current input line
			-K a resource file key
			-H a key from the hashtable
			-F a file
			`name`
			is the name of the object (redundant for -L) or the value itself in case of -A
			Default: -A

NAME	Return code	Condition	Description

LOGIC	0 - o.k.
	1 - one of the operators is not numeric
		unchanged	Performs a logical operation
			Syntax
			`LOGIC[logic-operator[,number]]`
			where:
			`logic-operator`
			is one of the operators -AND, -OR, -XOR and –SHIFT
			-SHIFT performs a right shift of the input value if the 2nd operand is positive, otherwise a left shift
			`number`
			the 2nd operand(the first operand is the input value)
			Examples
			`${N|FMT"12"|LOGIC-AND,4} results in 4`
			`${N|FMT"12"|LOGIC-OR,4} results in 12`
			`${N|FMT"12"|LOGIC-XOR,4} results in 8`

MESSAGE	unchanged	unchanged	Prints a message with trace level in log file. The value of the variable remains unchanged.
			Syntax
			`MESSAGE[[trace-level,]message]`
			where:
			`message`
			the detailed message with trace level.
			Example
			`MESSAGE8,"Imagename=${CIMAGE_NAME},`
			`BITSperPIXEL=$9"`
			`MESSAGE"Image name=${CIMAGE_NAME},`
			`BITSperPIXEL=$9"`

NAME	Return code	Condition	Description

PACK	0	unchanged	Packs or unpacks the input value. In case of pack a decimal number is expected, in case of unpack a byte array in packed decimal format:
			
			Packed-decimal format means that each byte of storage (except for the low order byte) can contain two decimal numbers. The low-order byte contains one digit in the leftmost portion and the sign (positive or negative) in the rightmost portion. The standard signs are used: hexadecimal F for positive numbers and hexadecimal D for negative numbers. The packed-decimal format looks like this:
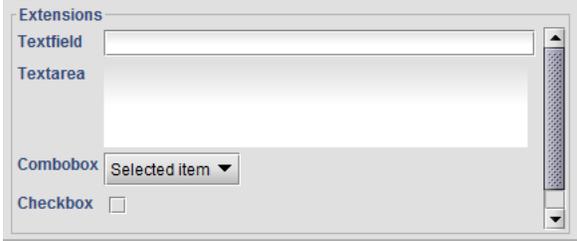			
			The sign portion of the low-order byte indicates whether the numeric value represented in the digit portions is positive or negative.
			Syntax
			`PACK"direction"`
			where:
			`direction`
			0 - unpack
			1 - pack unsigned
			3 - pack signed
			Default: 3

READFILE	0 - o.k.
	1 - error
	2 - name empty
		unchanged	Reads the content of a file line by line and stores the lines in the hashtable.
			Syntax
			`READFILE"name"[,stem]`
			where:
			`name`
			the filename
			`stem`
			the basename in the hashtable. stem.0 contains the number of records that have been read, stem.1 the first record etc. If stem is empty, then the current value of the column will be the basename.

NAME	Return code	Condition	Description

REJECT	unchanged	unchanged	Rejects the current record, i.e. the current record is written to a reject file, so far defined, and no records are written to the database.
			
			Syntax
			`REJECT[reject-reason,[trace level]]`
			where:
			`reject-reason`
			the comment to the reject
			Default: $R
			`trace level`
			the trace level for the log message
			Default: ERROR (1)

RENAMEFILE	0 - o.k.
	1 - error
	2 - from empty
	3 - to empty
	4 - from does not exist
	5 - to does not exist
		unchanged	Renames a file.
			Syntax
			`RENAMEFILE"from","to"[,flag]`
			`from`
			the current filename
			`to`
			the new filename
			`flag`
			1 - if error, write a warning into the log
			0 - don't write warnings
			Default is 0.

REPLACE	unchanged	unchanged	Replaces each substring of the input string that matches the given regular expression with the given replacement.
			Syntax
			`REPLACE[regex,[replacement]]`
			where:
			`regex`
			the regular expression to which the input string is to be matched
			Default: empty
			`replacement`
			the string to be substituted for each match
			Default: empty

NAME	Return code	Condition	Description

RESOURCEKEY	unchanged	true if a key was found, otherwise false	Returns the first key of the current resource that matches the regular expression regex or an empty String if no key matches.
			
			Syntax
			`RESOURCEKEY[regex]`
			where:
			`regex`
			the regular expression to which a key of the current resource is to be matched
			Default: empty

SAVE	unchanged	unchanged	Writes the value value (or the input value if value is not defined) in the hashtable. The value of the variable remains unchanged.
			
			Syntax
			`SAVE"name"[,value[,location]]`
			`name`
			the name for this value
			`value`
			the value for name.
			`location`
			the location of the value:
			V - the value as it is
			K - the value is a key of the resource file containing the actual value
			H - the value is a key of the hashtable containing the actual value
			Default: V

SEARCHWORD	unchanged	unchanged	Returns the first three characters of a word in the input string. A word in this sense is a number of non-delimiting characters delimited by delimiting characters. These are all characters below 0x80 not being letters or digits.
			
			If the desired word does not exist, an empty string is returned.
			
			If the found word has less than 4 characters, the whole word is returned.
			
			Syntax
			`SEARCHWORD[index]`
			where:
			`index`
			the number of the word, starting with 1.
			Default: 1

NAME	Return code	Condition	Description
SIZE	0	unchanged	The size of the input in bytes Syntax `SIZE`

STEMINDEX	unchanged	unchanged	Returns the index beginning with 1 of the found value in the given stem of values in the hashtable or 0 if not found.
			Syntax
			`STEMINDEX"stem"`
			where:
			`stem`
			the basename in the hashtable. <stem>.0 contains the number of values, <stem>.1 the first value etc. If stem is empty, then "0" is returned.
			Default: empty

SUB	0 on success
	-1 otherwise
		unchanged	Substring
			Syntax
			`SUB[from-index!to-index[,modus]]`
			or
			`SUB[from-index.length[,modus]]`
			where:
			`from-index`
			the beginning index
			Default: 1
			`to-index`
			the ending index
			Default: the length of the string (- 1)
			`length`
			the length of the substring (default: the remaining length)
			`modus`
			the substring modus
			Default: 4
			0 - remove leading and trailing whitespaces
			1 - keep leading whitespaces
			2 - keep trailing whitespaces
			4 - be tolerant with from-index, to-index and length if they are completely or partially outside the substrings boundaries.
			Combinations are achieved by adding their values. A removing of whitespaces is only performed when the result is a String from-index, to-index are 1-based. A negative value counts backwards from the end of the value, eg. -1 is the last index.

NAME	Return code	Condition	Description

TEST	unchanged	true if the test condition matches, otherwise false	An expression is evaluated. The value of the variable is not changed. If the expression evaluates to true then the following functions preceded by : are ignored. If the expression evaluates to false then the following functions preceded by ? are ignored.
			
			Syntax
			
			`TEST"value1"operator"value2"`
			
			where:
			
			`value1,value2`
			
			the values to be compared, either String or number.
			
			`operator`
			
			one of the following operators:
			
			< less than
			
			== equal
			
			<= less than or equal
			
			> greater than
			
			!= not equal
			
			>= greater than or equal

TOBINARY	unchanged	unchanged	Returns a byte array containing the input as a binary number
			
			Syntax
			
			`TOBINARY[digits[,radix]]`
			
			where:
			
			`digits`
			
			the number of bytes of the output
			
			Default: 1
			
			`radix`
			
			the radix of the number
			
			Default: 10 (a decimal number)

TOBYTE	unchanged	unchanged	Returns a byte array containing the input String as a array of bytes
			
			Syntax
			
			`TOBYTE[codepage[,trailing-zero-bytes]]`
			
			where:
			
			`codepage`
			
			the codepage to be used for the translation
			
			Default: UTF-8
			
			`trailing-zero-bytes`
			
			the number of trailing zero-bytes (to be able to be C-String compliant)
			
			Default: 1

NAME	Return code	Condition	Description

TRANSLATE	unchanged	unchanged	Changes all bytes, whose values are found in a list, to other values or removes these bytes.
			
			Syntax
			`TRANSLATE[from[,to]]`
			`from`
			a hexadecimal list of values
			`to`
			a 2nd hexadecimal list of values
			
			Every value, that is found in the from-list, will be replaced by the according value in the to-list. Is there no such according value in the to-list, because this list is shorter than the from-list, this byte will be removed.
			
			Example
			current value is ABCDEB (hex 414243444542)
			TRANSLATE4243,41 changes the value to AADEA

WARN	unchanged	unchanged	Prints a warning message. The value of the variable remains unchanged. This function is the same as the function MESSAGE with trace-level=2
			
			Syntax
			`WARN[message]`
			where:
			`message`
			the detailed message
			
			Example
			`WARN"Image name=${CIMAGE_NAME},`
			`BITSperPIXEL=$HBPP"`

WRITEFILE	0 - o.k.
	1 - error
	2 - name empty
		unchanged	Writes text line by line in a file. If the file already exists, the test will be appended.
			
			Syntax
			`WRITEFILE"name","value"[,mode]`
			where:
			`name`
			the filename
			`value`
			the text to be written. If value is empty, the current value of the column will be written.
			`mode`
			H - value is the name of a key from the hashtable. Its value will be written
			S - value is the basename of a key from the hashtable. <value>.0 lines will be written, the first line is <value>.1 etc.
			otherwise - value itself will be written

NAME	Return code	Condition	Description
UNZIP	unchanged	unchanged	Unzips a byte array and returns the unzipped value. The unzip function in spdec.dll is used. Syntax `UNZIP`

SCCClient.properties

Contains the configuration for SignCheck UI.

Keys, that are marked with (f) can be defined with a formula.

Search dialog

- **searchTitle**

  The title of the Search dialog

  Default: empty

- **searchCount**

  The number of columns in the Search dialog

  Default: 0

- **searchDigits<n>**

  The number of digits of the input value for column <n>

  Default: 10

- **searchLabel<n>**

  The label for column <n>

  Default: empty

- **searchColFormat<n>**

  A formula for the input value to be used in the where-clause of a sql query

  Default: empty

- **searchColRange<n>**

  If defined then the column <n> has 2 input values, for minimum and maximum

  Default: No range

- **searchFlag4Value<n>**

  If true then the value of this column is used as branchcode in the Message56 with flag=4

  Default: false

- **searchColName<n>**

  The real database name of the column

  Default: No default

- **searchFlag<n>**

  The flag for Message56

  Default: 1

- **searchMinAmountFormula<n>(f)**

A formula for the minimum amount. The first filled column of the Search dialog with a formula is used as minimum amount.

Default: defaultMinAmount

- **searchMaxAmountFormula<n>(f)**

  A formula for the maximum amount. The first filled column of the Search dialog with a formula is used as maximum amount

  Default: defaultMaxAmount

- **searchColType<n>**

  The type of the column.

  Possible values: char, int, number, date, combobox, checkbox

  Default: char

- **searchValue<n>**

  A comma-separated list of values for the column <n> in case the column type is combobox

  Default: empty

- **searchFlagPriority**

  The priority of Message56 flags:

  1 is sql where clause

  2 is a list of bank codes

  4 is a branch code list

  The filled column with a flag of the highest priority determines the Message56 flag

  Default: 1,4,0

- **searchListOrder**

  Flag for sorting the output:

  0 - no sorting

  1 - by rating desc

  2 - by amount desc

  3 - by document number asc

  4 - by timestamp desc

  5 - by account desc

  Default: 0

- **database**

  The database type of SignCheck:

  db2 - db2

  sql - sqlServer

  ora - oracle

  Default: db2

- **db2DateFormat**

  The date format for db2.

  ${1} is the variable containing the date in the format yyyy-MM-dd

  Default: '${1}'

- **sqlDateFormat**

The date format for sqlServer.

${1} is the variable containing the date in the format yyyy-MM-dd

Default: '${1}'

- **oraDateFormat**

The date format for oracle.

${1} is the variable containing the date in the format yyyy-MM-dd

Default: '${1}'

Search User dialog

- **searchUserTitle**

The title of the Search User dialog

Default: empty

- **searchUserCount**

The number of columns in the Search User dialog

Default: 0

- **searchUserDigits<n>**

The number of digits of the input value for column <n>

Default: 10

- **searchUserLabel<n>**

The label for column <n>

Default: empty

- **searchuserColFormat<n>**

A formula for the input value to be used in the where-clause of a sql query

Default: empty

- **searchUserColRange<n>**

If defined then the column <n> has 2 input values, for minimum and maximum

Default: No range

- **searchUserFlag4Value<n>**

If true then the value of this column is used as branchcode in the Message56 with flag=4

Default: false

- **searchUserColName<n>**

The real database name of the column

Default: No default

- **searchUserFlag<n>**

The flag for Message56

Default: 1

- **searchUserMinAmountFormula<n>(f)**

A formula for the minimum amount. The first filled column of the Search User dialog with a formula is used as minimum amount.

Default: defaultMinAmount

- **searchUserMaxAmountFormula<n>(f)**

A formula for the maximum amount. The first filled column of the Search User dialog with a formula is used as maximum amount.

Default: defaultMaxAmount

- **searchUserColType<n>**

  The type of the column.

  Possible values: char, int, number, date, combobox, checkbox

  Default: char

- **searchUserValue<n>**

  A comma-separated list of values for the column <n> in case the column type is combobox.

  Default: empty

- **searchUserFlagPriority**

  The priority of Message56 flags:

  1 is sql where clause

  2 is a list of bank codes

  4 is a branch code list

  The filled column with a flag of the highest priority determines the Message56 flag.

  Default: 1, 4, 0

- **searchListOrder**

  Flag for sorting the output:

  0 - no sorting

  1 - by rating desc

  2 - by amount desc

  3 - by document number asc

  4 - by timestamp desc

  5 - by account desc

  Default: 0

- **database**

  The database type of SignCheck:

  db2 - db2

  sql - sqlServer

  ora - oracle

  Default: db2

- **db2DateFormat**

  The date format for db2.

  ${1} is the variable containing the date in the format yyyy-MM-dd

  Default: '${1}'

- **sqlDateFormat**

  The date format for sqlServer.

  ${1} is the variable containing the date in the format yyyy-MM-dd

  Default: '${1}'

- **oraDateFormat**

The date format for oracle.

${1} is the variable containing the date in the format yyyy-MM-dd

Default: '${1}'

Reject dialog

- **showHoldReasons**

  If set to true, then a Put On Hold is performed with a Reject dialog displaying HOLD reasons.

  Default: false

- **holdTitle**

  The title of a Put On Hold Reject dialog.

  Default: Reject

- **rejectTitle**

  The title of the Reject dialog.

  Default: Reject

- **rejectMinWidth**

  Minimum width of the Reject dialog.

  Default: calculated

- **rejectMinHeight**

  Minimum height of the Reject dialog.

  Default: calculated

- **rejectWidth**

  Preferred width of the Reject dialog.

  Default: calculated

- **rejectWidth**

  Preferred height of the Reject dialog.

  Default: calculated

- **<qname>FreetextCode**

  The reject reason number for a specific queue that allows the input of an additional text, where <qname> is the name of the queue.

  Default: <base>FreetextCode

- **<base>FreetextCode**

  The reject reason number for a group of queues that allows the input of an additional text, where <base> is the first part of the queue name, without numbers, e.g. VSV is the base of the queues VSV1, VSV2,...

  Default: <qc>FreetextCode

- **<qc>FreetextCode**

  The reject reason number for all queues belonging to a specific queue category that allows the input of an additional text, where <qc> is the queue category, e.g. "vs"

  Default: defaultFreetextCode

- **HOLDFreetextCode**

  The reject reason number for all queues on hold that allows the input of an additional text.

  Default: defaultFreetextCode

- **defaultFreetextCode**
  The reject reason number for all queues that allows the input of an additional text.
  Default: -1

Other dialogs

- **getOpenItemsTitle**
  Title of the Open Items dialog.
  Default: "Not yet decided documents"
- **getOpenItemsMessage**
  Message for the Open Items dialog
  Default: "latest date of documents"
- **getSpecificTitle**
  Title of the Get Specific dialog
  Default: "Get Specific"
- **getSpecificMessage**
  Message for the Get Specific dialog
  Default: "Document reference number"
- **getSpecificTextLength**
  Length of the input field for the Get Specific dialog
  Default: 30
- **getPrimanotaTitle**
  Title of the Get Primanota dialog
  Default: "Get Primanota"
- **getPrimanotaMessage**
  Message for the Get Primanota dialog
  Default: "Primanota number"
- **getPrimanotaTextLength**
  Length of the input field for the Get Primanota dialog
  Default: 30
- **<name>Refresh**
  If exists then the related dialog gets a refresh button.
  <name> is one of:
  statSC
  statPN
  status-<qc>
  history-<qc>
  where <qc> is the queue category of a technical queue
  Default: No refresh button
- **userStatisticsAllBNO**
  Label of the BNO checkbox in the User Statistics dialog.
  Default: "all BNO's"

- **userStatisticsUser**
  Label of the userid input field in the User Statistics dialog.
  Default: "User ID"

SignCheck lists

- **<lt>Title**
  The title of list or dialog <lt>, where <lt> can be:
  userStatisticsDialog
  automatList
  changeOrder
  userStatisticsAll
  userStatistics
  PNList
  orderList
  queueList
  searchList
  decisionsList
  holdList
  openItemsList
  docHist
  statSC
  statPN
  accountGrouping
  status-<qc>
  history-<qc>
  where <qc> is the queue category of a technical queue
  Default: defaultListTitle
- **defaultListTitle**
  The title of the list if <lt>Title does not exist
  Default: empty
- **automatListTitle-<r><s>**
  2nd part of the title of automat lists.
  <r> is the result:
  1 - accept
  2 - reject
  4 - not processable
  <s> is the sort order:
  0 - none
  1 - rating
  2 - amount
  3 - docrefno

4 - timestamp

5 - account

The variable ${1} contains the name of the queue.

Default: "decided by ${1}"

- **foundLinesTitle**

  Last part of a list title. The variable ${1} contains the number of rows received and ${2} the number of available rows.

  Default: ", showing ${1} rows of ${2}"

- **<lt>TitleBGColor**

  The background color of the title of the list.

  Syntax

  `rrr,ggg,bbb`

  where rrr=red, ggg=green and bbb=blue part. All values in range from 0 until 255.

  Default: defaultListTitleBGColor

- **defaultListTitleBGColor**

  The background color of the title of the list if <lt>TitleBGColor does not exist.

  Default: empty

- **<lt>TitleFGColor**

  The foreground color of the title of the list

  Default: defaultListTitleFGColor

- **defaultListTitleFGColor**

  The foreground color of the title of the list if <lt>TitleFGColor does not exist

  Default: empty

- **<lt>Columns**

  The number of columns for list <lt>

  Default: defaultListColumns

- **<lt>Title<n>**

  The heading of column <n> for list <lt>

  Default: defaultListTitle<n>

- **<lt>Type<n>**

  The type of column <n> for list <lt>.

  Possible values: DATE, NUMBER, COMMENT

  Default: defaultListType<n>

- **<lt>Width<n>**

  The width of column <n> for list <lt>.

  Default: defaultListWidth<n>

- **<lt>Alignment<n>**

  The alignment for column <n> in list <lt>.

  Possible values: LEFT, RIGHT, CENTER

  Default: defaultListAlignment<n>

- **<lt>Attr<n>**

The attribute of column <n> for list <lt>.

Possible values: Date, Progress, Object, Int, String

Default: defaultListAttr<n>

- **<lt>Edit<n>**

  Is column <n> in list <lt> editable?

  Default: defaultListEdit<n>

- **<lt>ColumnSelection**

  A comma-separated list of columns to be displayed, 1-based. This way another column order is also possible for list <lt>

  Default: defaultListColumnSelection

- **<lt>SortColumn**

  The number of the column the list is sorted by, initial, 1-based, for list <lt>

  Default: defaultListSortColumn

- **<lt>Selection**

  Row Selection mode for list <lt>.

  Possible values: SINGLE, INTERVAL, MULTIPLE

  Default: SINGLE

- **<lt>Font**

  The font of list <lt>

  Default: defaultListFont

- **<lt>RowHeight**

  The height of the rows of list <lt>

  Default: The height of the font

- **HeaderFGColor**

  The foreground header color of list <lt>

  Default: No Default

- **<lt>HeaderBGColor**

  The background header color of list <lt>

  Default: No Default

- **<lt>RowFGColor**

  The foreground row color of list <lt>

  Default: No Default

- **<lt>RowBGColor**

  The background row color of list <lt>

  Default: No Default

- **<lt>SelectedRowFGColor**

  The foreground row color for the selected row of list <lt>

  Default: No Default

- **<lt>SelectedRowBGColor**

  The background row color for the selected row of list <lt>

  Default: No Default

- **orderListRows**

  The number of rows of the order list. This list displays relevant text fields of a document.

  Default: 0

- **orderListRow<n>Col<m>(f)**

  The text for every cell of the order list, <n> goes from 1 to orderListRows, <m> goes from 1 to orderListColumns. The first column contains usually the names of the fields, column 2 contains its values.

  Default: empty

- **defaultListColumns**

  The number of columns for the default list

  Default: 0

- **defaultListTitle<n>**

  The heading of column <n> in the default list

  Default: empty

- **defaultListType<n>**

  The type of column <n> in the default list.

  Possible values: DATE, NUMBER, COMMENT

  Default: empty

- **defaultListWidth<n>**

  The width of column <n> in the default list

  Default: 0

- **defaultListAlignment<n>**

  The alignment for column <n> in the default list.

  Possible values: LEFT, RIGHT, CENTER

  Default: "RIGHT"

- **defaultListAttr<n>**

  The attribute of column <n> in the default list.

  Possible values: Date, Progress, Object, Int, String

  Default: empty

- **defaultListEdit<n>**

  Is column <n> in the default list editable?

  Default: false

- **defaultListColumnSelection**

  A comma-separated list of columns to be displayed, 1-based. This way another column order is also possible for the default list.

  Default: empty

- **defaultListSortColumn**

  The number of the column the list is sorted by, initial, 1-based, for the default list

  Default:-1

- **SortAscending**

  The sort order for the initial sort

Default: true

- **defaultListFont**
  The font of the title of the list if <name>Font does not exist
  Default: Helvetica,0,20

- **maxListRows**
  1000
  Default: Maximum number of rows of a list

- **maxListRowsUserDecisions**
  Maximum number of rows of the list of user decisions
  Default: maxListRows

- **queueListOrder**
  Flag for sorting the output of queue-related lists:
  0 - no sorting
  1 - by rating desc
  2 - by amount desc
  3 - by document number asc
  4 - by timestamp desc
  5 - by account desc
  Default: 0

Variants settings

- **maxVariants**
  The maximum of variants per signatory (this is an average value)
  Default: 0

- **maxVariantsPrivate**
  The maximum of variants per signatory for private accounts
  Default: maxVariants

- **maxVariantsCorporate**
  The maximum of variants per signatory for corporate accounts
  Default: maxVariants

- **maxVariantsOther**
  The maximum of variants per signatory for other accounts
  Default: maxVariants

- **maxVariantsAutoAssign**
  The maximum of variants per signatory if autoAssign=true
  Default: maxVariants

- **maxVariantsAutoAssignPrivate**
  The maximum of variants per signatory for private accounts if autoAssign=true
  Default: maxVariantsAutoAssign

- **maxVariantsAutoAssignCorporate**
  The maximum of variants per signatory for corporate accounts if autoAssign=true

Default: maxVariantsAutoAssign

- **maxVariantsAutoAssignOther**
  The maximum of variants per signatory for other accounts if autoAssign=true
  Default: maxVariantsAutoAssign

- **autoAssign**
  If set to true then the new variant is automatically assigned to a signatory
  Default: false

- **autoAssignPrivate**
  If set to true then the new variant is automatically assigned to a signatory in a private account
  Default: autoAssign

- **autoAssignCorporate**
  If set to true then the new variant is automatically assigned to a signatory in a corporate account
  Default: autoAssign

- **autoAssignOther**
  If set to true then the new variant is automatically assigned to a signatory in an other account
  Default: autoAssign

- **storeVariantMinResolution**
  Minimum resolution for a variant
  Default: 160

- **storeVariantMaxMatchASV**
  Maximum ASV matchrate for a variant
  Default: 80

- **assignToDummySignatory**
  If set to true then the new variant is assigned to a so-called "dummy signatory"
  Default: false

Check display

- **<qname>HeadlineLeft(f)**
  The text for the left part of the headline of a displayed image for a specific queue <qname>
  Default: <base>HeadlineLeft

- **<base>HeadlineLeft(f)**
  The text for the left part of the headline of a displayed image for a group of queues, where <base> is the first part of the queue name, without numbers, e.g. VSV is the base of the queues VSV1, VSV2,...
  Default: <qc>HeadlineLeft

- **<qc>HeadlineLeft(f)**
  The text for the left part of the headline of a displayed image for all queues belonging to a specific queue, where <qc> is the queue category, e.g. "vs"
  Default: defaultHeadlineLeft

- **defaultHeadlineLeft(f)**
  The text for the left part of the headline of a displayed image for all queues
  Default: ${%QUEUE}

- **<qname>HeadlineCenter(f)**

  The text for the middle part of the headline of a displayed image for a specific queue <qname>

  Default: <base>HeadlineCenter

- **<base>HeadlineCenter(f)**

  The text for the middle part of the headline of a displayed image for a group of queues, where <base> is the first part of the queue name, without numbers, e.g. VSV is the base of the queues VSV1, VSV2,...

  Default: <qc>HeadlineCenter

- **<qc>HeadlineCenter(f)**

  The text for the middle part of the headline of a displayed image for all queues belonging to a specific queue, where <qc> is the queue category, e.g. "vs"

  Default: defaultHeadlineCenter

- **defaultHeadlineCenter(f)**

  The text for the middle part of the headline of a displayed image for all queues

  Default: empty

- **<qname>HeadlineRight(f)**

  The text for the right part of the headline of a displayed image for a specific queue <qname>

  Default: <base>HeadlineRight

- **<base>HeadlineRight(f)**

  The text for the right part of the headline of a displayed image for a group of queues, where <base> is the first part of the queue name, without numbers, e.g. VSV is the base of the queues VSV1, VSV2,...

  Default: <qc>HeadlineRight

- **<qc>HeadlineRight(f)**

  The text for the right part of the headline of a displayed image for all queues belonging to a specific queue, where <qc> is the queue category, e.g. "vs"

  Default: defaultHeadlineRight

- **defaultHeadlineRight(f)**

  The text for the right part of the headline of a displayed image for all queues

  Default: empty

- **<qname>Footline(f)**

  The text for the footline of a displayed image for a specific queue <qname>

  Default: <base>Footline

- **<base>Footline(f)**

  The text for the footline of a displayed image for a group of queues, where <base> is the first part of the queue name, without numbers, e.g. VSV is the base of the queues VSV1, VSV2,...

  Default: <qc>Footline

- **<qc>Footline(f)**

  The text for the footline of a displayed image for all queues belonging to a specific queue, where <qc> is the queue category, e.g. "vs"

  Default: defaultFootline

- **defaultFootline(f)**

The text for the footline of a displayed image for all queues

Default: empty

- **<qname>Frontline(f)**

  The text for an additional line below the front image for a specific queue <qname>

  Default: <base>Frontline

- **<base>Frontline(f)**

  The text for an additional line below the front image for a group of queues, where <base> is the first part of the queue name, without numbers, e.g. VSV is the base of the queues VSV1, VSV2,...

  Default: <qc>Frontline

- **<qc>Frontline(f)**

  The text for an additional line below the front image for all queues belonging to a specific queue, where <qc> is the queue category, e.g. "vs"

  Default: defaultFrontline

- **defaultFrontline(f)**

  The text for an additional line below the front image for all queues

  Default: empty

- **<qname>Backline(f)**

  The text for an additional line below the back image for a specific queue <qname>

  Default: <base>Backline

- **<base>Backline(f)**

  The text for an additional line below the back image for a group of queues, where <base> is the first part of the queue name, without numbers, e.g. VSV is the base of the queues VSV1, VSV2,...

  Default: <qc>Backline

- **<qc>Backline(f)**

  The text for an additional line below the back image for all queues belonging to a specific queue, where <qc> is the queue category, e.g. "vs"

  Default: defaultBackline

- **defaultBackline(f)**

  The text for an additional line below the back image for all queues

  Default: empty

- **<qname>ImageQuality**

  The minimum quality for an image to be displayed for a specific queue <qname>

  Default: <base>ImageQuality

- **<base>ImageQuality**

  The minimum quality for an image to be displayed for a group of queues, where <base> is the first part of the queue name, without numbers, e.g. VSV is the base of the queues VSV1, VSV2,...

  Default: <qc>ImageQuality

- **<qc>ImageQuality**

  The minimum quality for an image to be displayed for all queues belonging to a specific queue, where <qc> is the queue category, e.g. "vs"

  Default: defaultImageQuality

- **defaultImageQuality**

The minimum quality for an image to be displayed for all queues.

Possible values:

C - color

G - gray

P - pseudocolor

M - mono

The best quality is C, the worst is M. Images below the defined quality are not displayed.

Default: M

- **<qname>SnippetQuality**

  The minimum quality for a signature image to be displayed for a specific queue <qname>

  Default: <base>SnippetQuality

- **<base>SnippetQuality**

  The minimum quality for a signature image to be displayed for a group of queues, where <base> is the first part of the queue name, without numbers, e.g. VSV is the base of the queues VSV1, VSV2,...

  Default: <qc>SnippetQuality

- **<qc>SnippetQuality**

  The minimum quality for a signature image to be displayed for all queues belonging to a specific queue, where <qc> is the queue category, e.g. "vs"

  Default: defaultSnippetQuality

- **defaultImageSnippetQuality**

  The minimum quality for a signature image to be displayed for all queues.

  Possible values:

  C - color

  G - gray

  P - pseudocolor

  M - mono

  The best quality is C, the worst is M. Signature images below the defined quality are not displayed.

  Default: M

- **readOrderDecisions**

  If set to true, then all decisions of this order are also read from the server.

  Default: false

- **font**

  The font for texts in the image display panel

  Default: "Helvetica,1,20"

- **showFrontInGray**

  Show the front image in gray, if a gray image is available

  Default: false

- **showBackInGray**

  Show the back image in gray, if a gray image is available

Default: false

- **showMonoSignature**

  Show monochrome signature

  Default: false

- **viewOnlyPanelBackground**

  Background color for the panel if the document is not decidable

  Default: "0,0,0"

- **defaultPanelBackground**

  Background color for the panel

  Default: "192,220,192"

- **items**

  Number of elements belonging to a check.

- **item<n>**

  Name of the nth element. The mapping to values from Message53 is realized with the name of the structures ORDER, IMAGE and SIGNATURE. Additional to these elements are the workflow results:

  <queue>Priority

  <queue>Status

  <queue>Result

  <queue>User

  <queue>TimeUsed

  <queue>Comment

  <queue>TimeEnd

  <queue>Score

  <queue>Risk

  Where <queue> is the name of the current queue

  And the SC_RESULT values:

  F<featureId>MatchRate

  F<featureId>Result

  F<featureId>MatchCode

  F<featureId>Text

  where <featureId> is the respective feature Id

Account Grouping

These settings apply only for such queues where in the queue type the Account Grouping flag is set (8th byte, value=1). All settings described under SignCheck Lists are also valid for Account Grouping, with the list type accountGrouping. The following settings are Account-Grouping-specific:

- **accountGroupingLabel**

  Label for the Account Grouping panel

  Default: "Checks for Account ${1} in Queue ${2}"

- **accountGroupingButtonSend.Label**

Label for the Send button

Default: empty

- **accountGroupingButtonAcceptAll.Label**

  Label for the Accept All button

  Default: empty

- **accountGroupingButtonAcceptUndecided.Label**

  Label for the Accept Undecided button

  Default: empty

- **accountGroupingButtonAcceptSelected.Label**

  Label for the Accept Undecided button

  Default: empty

- **accountGroupingButtonRejectAll.Label**

  Label for the Accept Selected button

  Default: empty

- **accountGroupingButtonRejectUndecided.Label**

  Label for the Reject All button

  Default: empty

- **accountGroupingButtonRejectSelected.Label**

  Label for the Reject Undecided button

  Default: empty

- **accountGroupingButtonSend.ToolTipText**

  Label for the Reject Selected button

  Default: empty

- **accountGroupingButtonAcceptAll.ToolTipText**

  ToolTipText for the Send button

  Default: empty

- **accountGroupingButtonAcceptUndecided.ToolTipText**

  ToolTipText for the Accept All button

  Default: empty

- **accountGroupingButtonAcceptSelected.ToolTipText**

  ToolTipText for the Accept Undecided button

  Default: empty

- **accountGroupingButtonRejectAll.ToolTipText**

  ToolTipText for the Accept Selected button

  Default: empty

- **accountGroupingButtonRejectUndecided.ToolTipText**

  ToolTipText for the Reject All button

  Default: empty

- **accountGroupingButtonRejectSelected.ToolTipText**

  ToolTipText for the Reject Undecided button

Default: empty

- **accountGroupingRejectWith**
  ToolTipText for the Reject Selected button
  Default: empty
- **accountGroupingUndecidedLabel**
  Label for the connection of the reject button with the common reject reason combobox
  Default: "with"
- **accountGroupingAcceptLabel**
  Label for the Undecided action
  Default: empty
- **accountGroupingRejectLabel**
  Label for the Accept action
  Default: empty
- **accountGroupingResetLabel**
  Label for the Reject action
  Default: empty
- **accountGroupingHoldLabel**
  Label for the Reset action
  Default: empty
- **accountGroupingResetHoldLabel**
  Label for the Hold action
  Default: empty
- **accountGroupingUndecidedColor**
  Label for the ResetHold action
  Default: empty
- **accountGroupingAcceptColor**
  Background color for the Undecided action
  Default: "0,0,0"
- **accountGroupingRejectColor**
  Background color for the Accept action
  Default: "0,0,0"
- **accountGroupingResetColor**
  Background color for the Reject action
  Default: "0,0,0"
- **accountGroupingHoldColor**
  Background color for the Reset action
  Default: "0,0,0"
- **accountGroupingResetHoldColor**
  Background color for the Hold action
  Default: "0,0,0"

- **accountGroupingLabel**
  Background color for the ResetHold action
  Default: "0,0,0"

Suspect Panel

- **decisionLabel<queue>.0**
  Number of suspect rows for queue <queue>
  Default: decisionLabel.0

- **decisionLabel.0**
  Number of suspect rows for all queues
  Default: 0

- **decisionLabel<queue>.<n>(f)**
  Formula for label <n> of queue <queue>
  Default: decisionLabel.<n>

- **decisionLabel.<n>(f)**
  Formula for label <n> for all queues
  Default: empty

- **decisionFG<queue>.<n>(f)**
  Foreground color for label <n> of queue <queue>
  Default: decisionFG.<n>

- **decisionFG.<n>(f)**
  Foreground color for label <n> for all queues
  Default: "210,210,210"

- **decisionBG<queue>**
  Background color for all labels of queue <queue>
  Default: decisionBG

- **decisionBG**
  Background color for all labels and all queues
  Default: defaultPanelBackground

- **decisionFont<queue>.<n>**
  Font for label <n> of queue <queue>
  Default: decisionFont.<n>

- **decisionFont.<n>**
  Font for label <n> for all queues
  Default: "Helvetica,1,20"

- **decisionShowRectangle<queue>**
  Show the related rectangular area on the check related to the clicked suspect row for queue <queue>
  Default: decisionShowRectangle

- **decisionShowRectangle**
  Show the related rectangular area on the check related to the clicked suspect row for all queues

Default: true

- **decisionAreaSide<queue>.<n>(f)**

  Side on the check where decision <n> is related to, in queue <queue>.

  Possible values:

  0 - front

  1 - back

  Default: decisionAreaSide.<n>

- **decisionAreaSide.<n>(f)**

  Side on the check where decision <n> is related to, for all queues.

  Possible values:

  0 - front

  1 - back

  Default: 0

- **decisionAreaNumber<queue>.<n>(f)**

  Number of the area on the check where decision <n> is related to, in queue <queue>.

  Possible values: 0 and 1

  Default: decisionAreaNumber.<n>

- **decisionAreaNumber.<n>(f)**

  Number of the area on the check where decision <n> is related to, for all queues.

  Possible values: 0 and 1

  Default: 0

- **decisionArea<queue>.<n>(f)**

  Formula for a rectangle on the check that is related to decision <n> in queue <queue>.

  Syntax

  ```
  left,top,width,height
  ```

  If there is more than one such formula, delimited by "|", then a superset of all these areas is calculated.

  Default: decisionArea.<n>

- **decisionArea.<n>(f)**

  Formula for a rectangle on the check that is related to decision <n> for all queues.

  Syntax

  ```
  left,top,width,height
  ```

  If there is more than one such formula, delimited by "|", then a superset of all these areas is calculated.

  Default: 0

- **decisionDefaultArea<queue>.<n>(f)**

  Default rectangle on the check that is related to decision <n> in queue <queue>.

  Syntax

  ```
  left,top,right,bottom
  ```

  Negative values are counted from the opposite edge

  Default: decisionDefaultArea.<n>

- **decisionDefaultArea.\<n>(f)**

  Default rectangle on the check that is related to decision \<n> for all queues.

  Syntax

  ```
  left,top,right,bottom
  ```

  Negative values are counted from the opposite edge.

  Default: empty

- **decision\<queue>**

  Row number of the suspect rows that has to be selected in the beginning. 0 means no selection.

  Default: 0

Mapping of values received by Message53

Keys, that are marked with (x) can be defined with a formula:

```
<name>[||[<function1>][<delm><function2>…]…
```

where \<name> is the name of the variable, \<delm> is one of the characters "|", "?" or ":" and \<functionx> one of the defined functions. See chapter Formulas.

Example

```
orderItem27=CLEAR_DATE|LDATE
```

The date format in variable CLEAR_DATE is the ISO format "yyyy-MM-dd". The function LDATE transforms this format to the format defined in SignBase.properties in key "DateTextField.Date.Mask" for the current project, e.g. "dd/MM/yyyy".

- **orderItems**

  Number of elements of structure ORDER

  Default: 0

- **orderItem\<n>(x)**

  Name of the element of structure ORDER where \<n> is:

  1 document reference number

  2 BNO

  3 CountryId

  4 CustomerNo

  5 PrimaNotaNo

  6 relative number in primanota

  7 identification of the scanner

  8 CheckItem

  9 ItemSource

  10 date the primanota was put together

  11 date the item was scanned

  12 date the item shall be processed

  13 flag for a batch variant load

  14 document priority

15 check serial number

16 bank code

17 branch sort code

18 bank code of the presenting bank

19 branch sort code of the presenting bank

20 Account-Number

21 Account-Number from MICR

22 Currency for amount

23 amount

24 currency the amount was converted to

25 transaction amount

26 signing date

27 clearing date

28 check transaction code

29 FormType

30 FormTextCode

31 statusPutter

32 Signature id of the 1st signature

33 Signature id of the 2nd signature

34 External (0 – normal account, 1 – external account)

35 Deposit type (1 – deposit only item, 0 or blank - the item is to be processed only as a regular item. Any other value will allow both deposit and regular verification if the SignBase reference keys are present)

36 BCDRTN - Branch Number or ABA RTN needed for feature 1800 matches

37 Dep BNO - SignBase BNO used for endorsement signature

38 Dep Country Id - SignBase COUNTRYID used for endorsement signature

39 Dep Bank Code - SignBase BANKCODE used for endorsement signature

40 Dep Customer - SignBase CUSTOMERNO used for endorsement signature

41 Dep Account - SignBase ACCTNO used for endorsement signature

42 Timestamp

Default: empty

- **imageItems**

  Number of elements of structure IMAGE

  Default: 0

- **imageItem\<s>\<t>\<n>(x)**

  Name of the element of structure IMAGE where

  \<s> is A=Front, B=Back

  \<t> is M=Mono, G=Gray

  \<n> is:

  1 - X resolution

  2 - Y resolution

3 - the image

Default: empty

- **signatureItems**

  Number of elements of structure SC_SIGNATURE

  Default: 0

- **signatureItem<s><t><m><n>(x)**

  Name of the element of structure SC_SIGNATURE where

  <s> is A=Front, B=Back

  <t> is M=Mono, G=Gray, P=Pseudocolor

  <m> is the number of the signature, 1 or 2

  <n> is:

  1 - x-coordinate of upper left corner

  2 - y-coordinate of upper left corner

  3 - x-coordinate of lower right corner

  4 - y-coordinate of lower right corner

  5 - the signature image

  Default: empty

Change Order

- **changeOrderRight<queue>**

  Right for changing values of an order in the queue <queue>

  Default: changeOrderRight

- **changeOrderRight**

  Default right for changing values of an order

  Default: true

- **changeOrderDecision**

  The decision for the current queue that to be made together with a change of an order. A negative value means: no decision

  Default: -1

- **changeOrderResetWF**

  If set to true, then a change of values of an order lead to a reset of all decisions of this order

  Default: true

- **changeOrderItem<n>**

  Can orderItem<n> be changed and written back to the database?

  Default: false

- **nullableOrderItem<n>**

  Can orderItem<n> be empty?

  Default: true

- **changeOrderDigits<n>**

  Maximum length of the value of orderItem<n>

  Default: 100

- **changeOrderLabel<n>**
  The label for displaying the name of orderItem<n>
  Default: Value of orderItem<n>

Context Menu for Lists

- **listMenuShowImage**
  Label of the list menu item "show Image"
  Default: "show Image "

- **listMenuShowData**
  Label of the list menu item "show Data"
  Default: "show Data"

- **listMenuShowDecisions**
  Label of the list menu item "show Decisions"
  Default: "show Decisions"

Visual Branch Display (VBD) Settings

- **defaultFirstView**
  The default first view:
  1 - front
  2 - back
  3 - both front and back
  4 - signature(s)
  Default: 1

- **VBDFirstView**
  The first view for queue VBD
  Default: defaultFirstView

- **ServerRouting**
  If set to true, then the server id is derived from the document reference number.
  Default: false

- **ServerRouting.Id.StartPos**
  If positive, then the start position of the server id in the document reference number, 1-based.
  Default: -1

- **ServerRouting.Id.StopPos**
  If positive, then the end position of the server id in the document reference number, 1-based.
  Default: -1

- **queueTypeVBD**
  The VBD queue type
  Default: vssvs000

Miscellaneous

- **commentResource**
  Name of the resource file containing the reject reasons for all queues

Default: comments

- **prefetchOrder**

  If set to true then after a successful GetNext a second GetNext is performed to decrease the time between decision of the previous check and display of the next check.

  Default: false

- **prefetchOrderTimeout**

  The timeout for a prefetched check. After this time (in seconds) the prefetched check is released without decision and another check is locked via GetNext.

  Default: 180

- **Decide<queue>-ListItems**

  If set to true, then a document that is displayed in queue <queue> with the hold flag false from a list will be decidable, if possible, i.e. if it is in the current queue and not locked.

  Default: decideListItems

- **Decide<queue>-HoldListItems**

  If set to true, then a document that is displayed in queue <queue> with the hold flag true from a list will be decidable, if possible, i.e. if it is in the current queue and not locked.

  Default: decideListItems

- **decideListItems**

  If set to true, then a document that is displayed from a list will be decidable, if possible, i.e. if it is in the current queue and not locked.

  Default: false

- **decideListItemsHoldflagDependent**

  If set to true, then a document from a list will be only decidable if the hold status of the list corresponds to the current state of the hold flag.

  Default: false

- **removeDecidedListItem**

  If set to true, then items from a list that are decided are also removed from this list

  Default: true

- **recentlyDecidedItemsListMax**

  The maximum size of the list of recently decided documents

  Default: 100

- **extraMenuItem.0**

  The number of additional menu items for SignCheck

  Default: 0

- **extraMenuItem.<n>**

  The n-th additional menu item, n=1,…, extraMenuItem.0

  Syntax

  ```
  <fully-qualified-classname>:<actionName>
  ```

  All other definitions of this menu item take place in SCClientMenu.properties. The specified class must implement SPMenuAction.java.

  Default: empty

- **firstQueue**

The name of the first queue to display

Default: empty

- **firstView**

  The name of the first view.

  Possible values: Queue, List

  Default: Queue

- **msg\<n\>**

  The text of a SignCheck message, n=1,...,23

  Default: Depends on \<n\>

- **delayAccept**

  The delay in ms after performing an accept

  Default: 1000

- **showTechnicalLists**

  If set to true then for all technical queues like ASV, APIA (queues with type "t") 3 additional list menu items are created:

  \<qc\>Accept

  \<qc\>Reject

  \<qc\>NotProcessable

  Where \<qc\> is the queue category of the respective queue.

  Default: false

- **showTechnicalStatus**

  If set to true then for all technical queues like ASV, APIA (queues with type "t") 3 additional status menu items are created:

  \<qc\>statistics

  \<qc\>statisticsAll

  \<qc\>history

  \<qc\>historyAll

  Where \<qc\> is the queue category of the respective queue.

  Default: false

- **statusTitle2**

  Part 2 of the headline of a status list. The variable ${1} contains the BNO.

  Default: empty

- **docHistQueueColumn**

  Column containing the queue in the document history list

  Default: 1

- **docHistResultColumn**

  Column containing the result in the document history list

  Default: 4

- **docHistSort**

  If set to true then the rows in the Decision Panel can be sorted by clicking on the heading. If not then duplicate values for the same queue are omitted, for better readability.

Default: false

- **docHist2ndRowBGColor**

  A second background color for rows in the document history list. If this value is not empty and docHistSort=false, then the rows get a queue-wise alternating background color. If docHistSort=true then every 2nd row gets this background color.

  Default: empty

- **feature<n>**

  Description of feature <n> for the document history list

  Default: empty

- **decisionBufferTime**

  Time in seconds for a decided document to remain in the decision buffer. During this time a already decided document can be retrieved, the decision can be changed or removed. After this time the document is really decided and will be processed by CRS.

  Default: 0

- **decisionBufferListDecisionAccept**

  Text for the decision in the decisionbuffer list for accepted documents

  Default: The current decision

- **decisionBufferListDecisionReject**

  Text for the decision in the decisionbuffer list for rejected documents

  Default: The current decision

- **queueTypeSERVICE**

  Queue information for the SERVICE queue. This queue will be used if there is no regular visual queue.

  The queue type is represented by an 8-character alphanumeric string of the following structure:

  TIRCCFFX

  T - queue base type (technical, visual, input, output)

  I - initial item display (front, back, signature,...)

  R - initial reference display (signatories, check stock, images,...)

  CC - visual queue category that triggers availability of reject reasons

  FF - Feature Code for visual queues (hexadecimal in range 1-255)

  X - for future use (see CRS 3.9.doc)

  Default: vfsvs000

- **getNextOnQueueChange**

  If set to true then an automatic getNext takes place after the change to another visual queue.

  Default: false

- **ignoreClearDate**

  If set to true then the loading of an account/customer takes place without respect for the clearing date of the document.

  Default: false

- **<qname>MinAmount(f)**

  The minimum amount for messages 50 and 57 for a specific queue <qname>

  Default: <base>MinAmount

- **<base>MinAmount(f)**

  The minimum amount for messages 50 and 57 for a group of queues, where <base> is the first part of the queue name, without numbers, e.g. VSV is the base of the queues VSV1, VSV2,...

  Default: <qc>MinAmount

- **<qc>MinAmount(f)**

  The minimum amount for messages 50 and 57 for all queues belonging to a specific queue, where <qc> is the queue category, e.g. "vs"

  Default: defaultMinAmount

- **defaultMinAmount(f)**

  The minimum amount for messages 50 and 57 and also message 56 in case of automat- and SQL-lists for all queues

  Default: 0

- **<qname>MaxAmount(f)**

  The maximum amount for messages 50 and 57 for a specific queue <qname>

  Default: <base>MaxAmount

- **<base>MaxAmount(f)**

  The maximum amount for messages 50 and 57 for a group of queues, where <base> is the first part of the queue name, without numbers, e.g. VSV is the base of the queues VSV1, VSV2,...

  Default: <qc>MaxAmount

- **<qc>MaxAmount(f)**

  The maximum amount for messages 50 and 57 for all queues belonging to a specific queue, where <qc> is the queue category, e.g. "vs"

  Default: defaultMaxAmount

- **defaultMaxAmount(f)**

  The maximum amount for messages 50 and 57 and also message 56 in case of automat- and SQL-lists for all queues

  Default: 0

- **newFunctions**

  Number of additional functions for the substitution process in the resource files

  Default: 0

- **newFunction<n>**

  Additional function, consisting of:
  - the classname of the new function
  - the name of the new function
  - optional a list of arguments for the Constructor of the function
  classname, name and argument list are separated by „:"
  <n> goes from 1 to the value of newFunctions

- **hideSignbaseWhenReset<qname>**

  If set to true, the SignBase panel will be forced reset during resetting the queue <qname>.
  If set to false, no reset is forced.
  Default: false

- **displaySignBaseWhenAcctNotFound<qname>**

If set to true, the SignBase panel will be forced to display even when the account is not found.

If set to false, no display is forced.

<qname> is the name of the queue.

Default: false

SCClientMenu.properties

Contains configuration for the SignCheck menu bar.

The configuration of the menu bar takes place in a resource file, where all menus and menu items and their types are defined. The link to the program is made by an action name for each menu item. These menu items are integrated into the SignBase menu bar.

- **menubar**

  A list of menus delimited by a blank. Each menu must be defined in this file with the menu as key. e.g. menubar=menu1 menu2 menu3 ...

  No default

- **<menu1>**

  A list of menu items delimited by a blank for the first menu. Each menu must be defined in this file with the menu as key. The menu item "–" has a special meaning: this is a separator. Each menu item in this list is the first part of further keys that describe properties of one menu item.

  No default

- **<menu2>**

  A list of menu items delimited by a blank for the second menu and so on.

  No default

- **<menuitem>Label**

  The name of this menu item

  No default

- **<menuitem>Action**

  The action string of this menu item. This is the link to the calling program. The program has only to know the value of this key to work with this menu item.

  No default

- **<menuitem>Accelerator**

  The key combination which invokes the menu item's action listeners without navigating the menu hierarchy. It consists of

  `<modifier>+[<modifier>+[<modifier>+[<modifier>+]]]]<keyname>`

  where `modifier` can be:

  Shift

  Ctrl

  Meta

  Alt

  and `keyname` is a normal printable character or one of the following:

  F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12

  Tab

Escape

Insert,Delete,Home,End,PageUp,PageDown,Left,Right,Up,Down

Enter

Default: no Accelerator

- **<menuitem>Icon**
  A .gif file to be used as icon
  Default: blank Icon

- **<menuitem>Mnemonic**
  A character specifying the mnemonic value (Alt-<character>) to activate this menu item
  Default: no Mnemonic

- **copyField**
  A copy action copies the value of a field with this name into the system clipboard.
  Default: DOC_REF_NO

comments.properties

Contains the reject reasons for all queues.

Since the names of the queues can be changed, they cannot be used as link. Instead a key queueCategory consisting of 2 characters has been introduced. Every queue has such a category.

A key for a reject reason has the form

```
queueCategory_<qc>_<rc>
```

where <qc> is the queueCategory and <rc> is the reject code.

The value of the key is the reject reason as text, e.g.

queueCategory_as_10= Signature(s) different (match result lower than acceptance rate needed).

queueCategory_as_11= Power rule broken (rules to sign with whom), e.g. 2nd signature missing.

queueCategory_as_12= Amount limit broken.

Furthermore the mapping between matchrate and matchcode is defined here

```
AMC<mr>=<mc>
```

where <mr> is the matchrate and <mc> is the matchcode, e.g.

```
AMC79=C1
```

```
AMC80=B5
```

```
AMC81=B5
```

```
AMC82=B4
```

Chapter 3

Programming interface

General

More complex customizations which can't be handled with a custom configuration require the implementation of custom Java classes using the Java Client programming interface. These custom Java classes are normally provided in a custom.zip archive which needs to be available in the CLASSPATH when the Java Client is started.

To allow these customizations the core Java Client was widely extended by plugin hooks which allow the overwriting of some core classes by custom classes. This is done by using the Java Extends mechanism in combination with the Java Reflection API that allows the dynamic loading of classes during runtime.

The plugin hooks can be configured in SignBase.properties file by providing the full class name, incl. package, of the custom class.

List of available plugin hooks and their core classes:
- **SBAM_SignBasePane.ClassName**

  Hook for extending class SBAM_SignBasePane which implements main layout functionality

  Core class: .\api\de\softpro\signplus\client\applicationModel\SBAM_SignBasePane
- **SBAM_Search.CustomerSearchPane.ClassName**

  Hook for extending the customer search panel of the search dialog (SBAM_Search)

  Core class: .\api\de\softpro\signplus\client\applicationModel\dialogs\SBAM_Search
- **SBAM_Search.AccountSearchPane.ClassName**

  Hook for extending the account search panel of the search dialog (SBAM_Search)

  Core class: .\api\de\softpro\signplus\client\applicationModel\dialogs\SBAM_Search
- **SBAM_CustomerSearchPane.SearchCustomerTableModel.ClassName**

  Hook for extending the table model of the customer search panel

  Core class: .\api\de\softpro\signplus\client\applicationModel\dialogs\panels\SBAM_CustomerSearchPane
- **SBAM_AccountSearchPane.SearchAccountTableModel.ClassName**

  Hook for extending the table model of the account search panel

  Core class: .\api\de\softpro\signplus\client\applicationModel\dialogs\panels\SBAM_AccountSearchPanel
- **SBAM_CustomerAccountSearchPane.SearchTableAModel.ClassName**

Hook for extending the table model of the account search panel when in account model

Core class: .\api\de\softpro\signplus\client\applicationModel\dialogs\panels \SBAM_CustomerAccountSearchPane

- **SBAM_Signatory.Layout.ClassName**

Hook for extending the signatory dialog by overriding its panel class (SBAM_SignatoryPane)

Core class: .\api\de\softpro\signplus\client\applicationModel\dialogs\panels \SBAM_SignatoryPane

- **SBAM_SignatoryRenderer.ClassName**

Hook for extending the signatory renderer which is used in the signatory column of the signatory list.

Core class: .\api\de\softpro\signplus\client\applicationModel\SBAM_SignatoryRenderer

- **SBAM_RulesRenderer.ClassName**

Hook for extending the rules renderer which is used to render rules in the rules column of the signatory list

Core class: .\api\de\softpro\signplus\client\applicationModel\SBAM_RulesRenderer

- **SBAM_Customer.Layout.ClassName**

Hook for extending the customer dialog by overriding its panel class (SBAM_CustomerPane)

Core class: de.softpro.signplus.client.applicationModel.dialogs.panels.SBAM_CustomerPane

- **SBAM_Account.Layout.ClassName**

Hook for extending the account dialog by overriding its panel class (SBAM_AccountPane)

Core class: Hook for extending the account dialog by overriding its panel class (SBAM_AccountPane)

- **SBAM_CustomerAccount.Layout.ClassName**

Hook for extending the account dialog in account model by overriding its panel class (SBAM_CustomerAccountPane)

Core class: .\api\de\softpro\signplus\client\applicationModel\dialogs\panels \SBAM_CustomerAccountPane

- **SBAM_CustomerInfoPane.ClassName**

Hook for extending the customer info panel

Core class: .\api\de\softpro\signplus\client\applicationModel\dialogs\panels \SBAM_CustomerInfoPane

- **SBAM_RulesDisplay.Layout.ClassName**

Hook for extending the dialog which displays the rules of a signatory (SBAM_RulesDisplay

Core class: .\api\de\softpro\signplus\client\applicationModel\dialogs\SBAM_RulesDisplay

- **SBAM_RulesPane.Layout.ClassName**

Hook for extending the rules panel in the rules display dialog (SBAM_RulesDisplay)

Core class: .\api\de\softpro\signplus\client\applicationModel\dialogs\panels\SBAM_RulesPane

- **SBAM_RuleDetails.Layout.ClassName**

Hook for extending the dialog which displays the details of a given rule

Core class: .\api\de\softpro\signplus\client\applicationModel\dialogs\SBAM_RuleDetails

- **SBAM_SignInfo.ImportThread.ClassName**

Hook for extending the import thread class which handles loading data from AIS

Core class: .\api\de\softpro\signplus\client\applicationModel\SBAM_ImportThread

- **SBAM_SignInfoPane.ClassName**

  Hook for extending the panel for account attachment information when using the old SignInfo mode (SBAM_MainWindow.SignInfo.Force.SignInfoPanel = 1)

  Core class: .\api\de\softpro\signplus\client\applicationModel\SBAM_SignInfoPane

- **SBAM_TreePane.ClassName**

  Hook for extending the tree panel in the overview panel

  Core class: .\api\de\softpro\signplus\client\applicationModel\SBAM_SignInfoPane

- **SBAM_Login.Pwd.ClassName**

  Hook for extending the password field in login dialog (SBAM_Login)

  Core class: .\api\de\softpro\signplus\client\utils\jext\ExtendedPasswordField

- **SBAM_Login.NewPwd.ClassName**

  Hook for extending the new password field in login dialog (SBAM_Login)

  Core class: .\api\de\softpro\signplus\client\utils\jext\ExtendedPasswordField

- **SBAM_Pause.Class**

  Hook for extending the pause dialog (SBAM_Pause)

  Core class: .\api\de\softpro\signplus\client\applicationModel\dialogs\SBAM_Pause

- **SBAM_AccountAttachmentDetails.Layout.ClassName**

  Hook for extending the account attachments details dialog

  Core class: .\api\de\softpro\signplus\client\applicationModel\dialogs \SBAM_AccountAttachmentDetails

- **SBAM_AccountAttachmentDetailsPane.ClassName**

  Hook for extending the account attachments details panel (read-only

  Core class: .\api\de\softpro\signplus\client\applicationModel\dialogs\panels \SBAM_AccountAttachmentDetailsPane

- **SBV_SignatoryStatus.ClassName**

  Hook for extending the signatory status class containing all calculated information to display the status of a signatory, e.g. rules, rights, ...

  Core class: .\api\de\softpro\signplus\client\businessModel\SBV_SignatoryStatus

- **SBV_SignatoryInfo.ClassName**

  Hook for extending the signatory info class containing all information to display the status of a signatory in the signatory list

  Core class: .\api\de\softpro\signplus\client\businessModel\SBV_SignatoryInfo

- **SBV_SignatoryRulesInfo.ClassName**

  Hook for extending the signatory rules info class containing all rules information to display it in the signatory list

  Core class: .\api\de\softpro\signplus\client\businessModel\SBV_SignatoryRulesInfo

- **SB_Workspace.ClassName**

  Hook for extending the workspace class which contains the main logic of the application

  Core class: .\api\de\softpro\signplus\client\businessModel\SB_Workspace

- **SB_XMLHandler.ClassName**

  Hook for extending the xml handler for reading and writing xml data

Core class: .\api\de\softpro\signplus\client\businessModel\SB_XMLHandler

- **SB_XMLHandler.XMLContentHandler.ClassName**
  Hook for extending the xml content handler
  Core class: .\api\de\softpro\signplus\client\businessModel\SB_XMLContentHandler
- **SB_XmlUpdate.ClassName**
  Hook for extending the xml update mechanism when a customer is updated from imported xml
  Core class: .\api\de\softpro\signplus\client\businessModel\SB_XMLUpdate
- **SBAM_MainWindow.TellerInterface.ClassName**
  Hook for extending the TellerInterface
  Core class: .\api\de\softpro\signplus\client\applicationModel\SBAM_Interface

For the core classes there exists a JavaDoc API which can be found in

.\api\index.html

When implementing a custom class you'll need to have some core libraries in your Java classpath.

The corresponding core libraries are:

spclient.jar

contains all core classes needed for customization.

softpro.jar

contains classes that contain additional functionality like logging.

Source code analysis of core classes

In many cases the JavaDoc API will not be sufficient to get an idea how a customization has to be implemented and how to interact with existing objects and variables.

For these cases it is necessary to analyse the source code of the corresponding core class and see how the specific methods, which will be overwritten, are implemented.

Logging

A logging mechanism is available in softpro.jar and is configured in custom.properties file.

To use it in a custom class you simply add this to your code:

```
Globals.getTraceLog().println(SPConst.SP_TL_DEBUG, "writes a log statement on debug
 level");
Globals.getTraceLog().println(SPConst.SP_TL_PERFORMANCE, "writes a log statement on
 performance level");
Globals.getTraceLog().println(SPConst.SP_TL_INFO, "writes a log statement on info
 level");
Globals.getTraceLog().println(SPConst.SP_TL_WARNING, "writes a log statement on warning
 level");
Globals.getTraceLog().println(SPConst.SP_TL_ERROR, "writes a log statement on error
 level");
```

Example 1: New toolbar and menu action

This example shows how to provide a new custom action class and display it in the menu- and toolbar.

All custom action classes have to extend the core class .\api\de\softpro\signplus\client \applicationModel\actions\GeneralAction and overwrite the methods initialize and actionPerformed.

public void initialize()

This method is called when the action is initialized during the JClient start procedure.

Normally you will add here the states for which this action is active (enabled).

You can do this by calling the method listenToState(int stateId) from the GeneralAction class. The stateId parameter is an integer constant of the corresponding state. All available state id constants are defined in class .\api\de\softpro\signplus\client\businessModel\StateChangedEvent.

Some state id constants from class StateChangedEvent:

```
public static final int STATE_USER_LOGGED = 0; //a user is logged to the SignBase
public static final int STATE_CUSTOMER_LOADED = 1; //a customer was loaded
public static final int STATE_ACCOUNT_LOADED = 2; //an account was loaded
public static final int STATE_SIGNATORY_SELECTED = 3; //a signatory was selected
public static final int STATE_RIGHT_VIEW = 4; //the currently logged user has view
 rights
public static final int STATE_RIGHT_UPDATE = 5; //the logged user has edit rights
public static final int STATE_RIGHT_VERIFY = 6; //the logged user has verify rights
public static final int STATE_RIGHT_ADMIN = 7; //the logged user has administration
 rights
public static final int STATE_CUSTOMER_CHANGED = 8; //the current customer has changed
public static final int STATE_CUSTOMER_ACTIVE = 9; //the current customer is not
 historized
public static final int STATE_ACCOUNT_ACTIVE = 10; //the current account is not
 historized
public static final int STATE_SIGNATORY_ACTIVE = 11; //the current signatory is not
 historized
public static final int STATE_NOVARIANT_SELECTED = 12; //a signatory was selected
public static final int STATE_SIGNATURE_SCANNED = 13; //a scanned signature is
 available
```

So when the action should be available after the user logs in you would implement:

```
public void initialize () {
  listenToState(StateChangedEvent.STATE_USER_LOGGED);
}
```

public void actionPerformed(ActionEvent ae)

This method is called when the user clicks on the corresponding enabled menu or toolbar entry which is assigned to the action. Here you would implement the code for your action.

It is recommended that you always call super.actionPerformed(ae) first before your code is executed. This is because in the super method some additional action functionality is done, like resetting the pause timeout counter, ...etc.

```
public void actionPerformed (ActionEvent ae) {
```

```
  super.actionPerformed(ae);

  // here comes your custom code...
}
```

Example class

This example class in package de.demobank becomes active after the user logs in and will write a log statement when executed:

```
package de.demobank;

import java.awt.event.ActionEvent;

import de.softpro.SPConst;
import de.softpro.signplus.client.applicationModel.actions.GeneralAction;
import de.softpro.signplus.client.businessModel.StateChangedEvent;
import de.softpro.signplus.client.utils.Globals;

public class MyAction extends GeneralAction {

  public void initialize () {
    listenToState(StateChangedEvent.STATE_USER_LOGGED);
  }

  public void actionPerformed (ActionEvent ae) {
    super.actionPerformed(ae);

    // here comes the custom code...
    Globals.getTraceLog().println(SPConst.SP_TL_DEBUG, "MyAction is executing");

  }
}
```

To assign this class to a menu or toolbar entry for the customer model in SignInfo mode following properties files need to be adjusted too.

SignBase.properties

```
# the package name of actions defined for a project
SBAM_MainWindow.ProjectActions = de.demobank
```

action.properties

```
Actions.CustomerMode.SignInfo = SBAC_Login SBAC_Logout ... MyAction

MyAction.Name = MyAction
MyAction.Label = MyAction
MyAction.Tooltip = Tooltip for MyAction
MyAction.Icon = de/softpro/signplus/client/resources/gif/yellow-ball.gif
MyAction.Mnemonic =
MyAction.Accelerator =
MyAction.Enabled = 1
```

... means all other defined actions.

If the action should be visible as menu entry you have to adjust menuSignInfo.properties.

```
File.MenuItems=Login Logout - SearchCustomer SearchAccount SearchUnboundVariants
 SearchUnprocessedImages - SaveWorkspace ResetWorkspace - LoadDocuments ClearDocuments
 - AuditSearch AuditCompare - ReadXML WriteXML  - Options Pause - Exit - MyAction
```

```
MyAction.Type=I
MyAction.Label=MyAction
MyAction.Mnemonic=
MyAction.Accelerator=
MyAction.Command=MyAction
MyAction.Action=MyAction
MyAction.Visible=1
MyAction.Enabled=1
MyAction.MenuItems=
```

Using the – character will add a menu entry separator.

If the action should be visible as toolbar entry you have to adjust SignBase.properties.

```
SBAM_MainWindow.ToolBar.CustomerMode.SignInfo = SBAC_SaveSignInfoWorkspace
 SBAC_ResetWorkspace - ... - MyAction
```

... means all other defined toolbar actions.

Using the – character will add a toolbar entry separator.

Example 2: Extending the workspace

Methods of interest for customization

Check customer/account number

```
/**
 * Checks the given number due to the specified algorithm
 * throws an exception if the number is not valid.
 * @param number the c/a number
 * @param bankCode the bank code
 * @param isAccount flag if the passed number is an account or customer number
 * @return the number (possibly zero padded)
 * @throws IncompleteDataException
 */
public String checkNumber (String number, String bankCode, boolean isAccount) throws
 IncompleteDataException
```

Set current customer in the workspace (i.e after loaded from server)

```
/**
 * Sets the current customer.
 *
 * @param customer the SB_Customer object
 */
 public synchronized void setCurrentCustomer (SB_Customer customer)
```

Sort signatories in the list view

```
/**
 * Returns an ordered vector of signatories.
 *
 * @return Vector of SB_Signatory objects
 */
public Vector getOrderedSignatories ()
```

Save customer

```
/**
 * Saves all changes of the current customer to the database.
 * This methods returns true if the customer is automatically
 * verified; otherwise false is returned.
 *
 * @param customer the customer to be saved
 * @param alwaysVerify
 *        if this flag is true the customer always has to be verified
 * @return boolean value
 * @exception SP_Exception
 */
public boolean saveCustomer (SB_Customer customer, boolean alwaysVerify) throws
 SP_Exception
```

Example

In this example we overwrite the checkNumber method of the SB_Workspace class in order to allow only the creation of customer- and account numbers which start and end with the number 9.

The following class MyWorkspace is created in package de.demobank.

It extends SB_Workspace and overwrites its checkNumber method.

```
package de.demobank;

import de.softpro.signplus.client.businessModel.SB_Workspace;
import de.softpro.signplus.client.exceptions.IncompleteDataException;

public class MyWorkspace extends SB_Workspace {

public String checkNumber (String number, String bankCode, boolean isAccount)  throws
 IncompleteDataException {
    String pNumber = getPaddedNumber (number, isAccount);
    boolean checkOk = true;

    if(!pNumber.startsWith("9") || !pNumber.endsWith("9")){
      checkOk = false;
    }

    if (checkOk == false) {
 throw new IncompleteDataException(isAccount ?
  IncompleteDataException.ACCOUNTNO_INVALID :
  IncompleteDataException.CUSTOMERNO_INVALID);
    }
    return pNumber;
  }

}
```

To use this class as default workspace SignBase.properties has to be adjusted.

```
SB_Workspace.ClassName = de.demobank.MyWorkspace
```

Example 3: Extending a dialog by providing a custom panel

Methods of interest for customization

Setting the model data to the view after the dialog is opened

```
/**
 * Fill the data for showing the customer information
 */
protected void setData()
```

Updating the view data to the model

```
/**
 * Stores the (changed) data to the model
 */
protected boolean updateModel ()
```

Enable or disable fields in dialog after user action

```
/**
 * Enables or disables all fields of the dialog.
 */
public void updateVisualComponents ()
```

Example

In this example we will customize the account dialog in customer model by overriding the corresponding panel class SBAM_AccountPane. The not for ASV checkbox will be enabled automatically when the Account opened date is empty or is before 01/01/1990.

The following class MyAccountPane is created in package de.demobank.

It extends SBAM_AccountPane and overwrites its updateVisualComponents method.

```
package de.demobank;

import java.util.Calendar;
import java.util.Date;

import de.softpro.signplus.client.applicationModel.dialogs.panels.SBAM_AccountPane;

public class MyAccountPane extends SBAM_AccountPane {

  public void updateVisualComponents () {
    // Change is only done when dialog is displayed in edit mode
    if(editMode){
      boolean notForASV = false;
      // The dialog class SBAM_Account which contains the fields can be referenced
      // via the owner variable.
      Date accountOpened =  owner.getTxtAccountOpened().getDate();
      if(accountOpened == null){
        notForASV = true;
      }
      else{
        Calendar calendar = Calendar.getInstance();
        calendar.set(1990, 0, 1, 0, 0, 0);
        Date limitDate = new Date(calendar.getTimeInMillis());
        if(accountOpened.before(limitDate)){
          notForASV = true;
        }
      }
      if(owner.getCbxAsv().isSelected() != notForASV){
        owner.getCbxAsv().setSelected(notForASV);
      }
    }
  }
```

```
}
```

To use this class for the account dialog SignBase.properties has to be adjusted.

```
SBAM_Account.Layout.ClassName = de.demobank.MyAccountPane
SBAM_Account.ASV.Enabled = 0
```