

Kofax FraudOne Variant Cleanup Utility

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KOFAX

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Preface

This document describes in detail the function and configuration of a Variant Cleanup utility. This utility checks all variants of a SignBase database whether they are too similar. This happens customer-wise. Variants that are too similar to another variant are deleted logically. When this utility has finished, no variant of a customer should be too similar to another variant of the same customer.

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 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*

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.

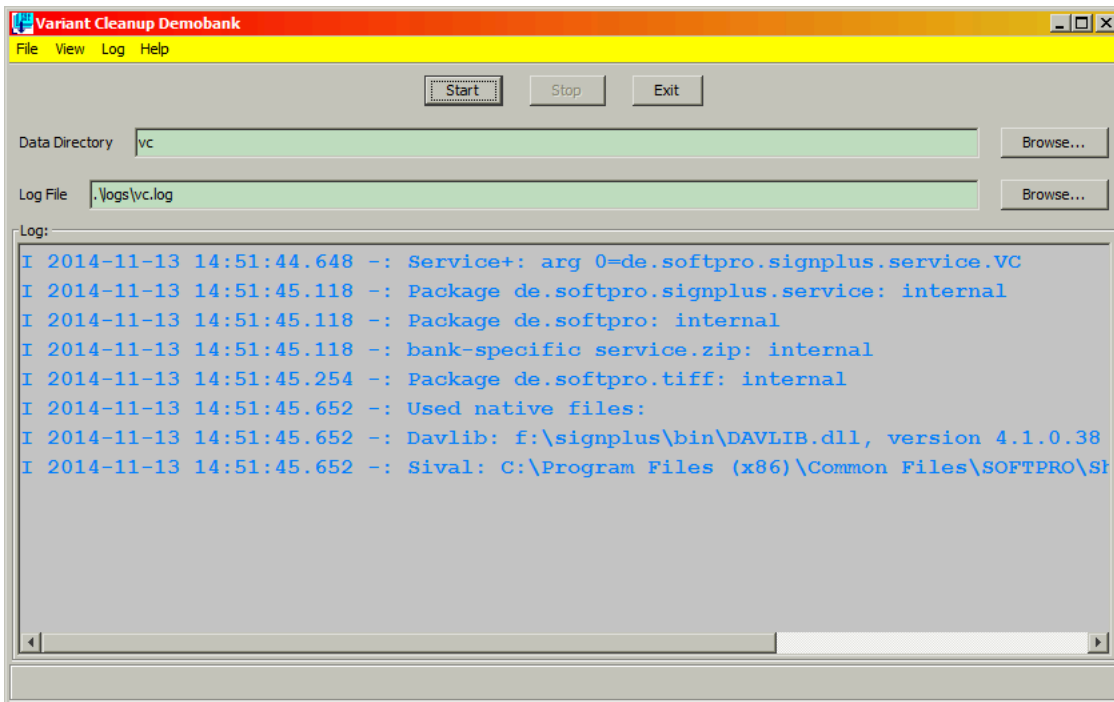
Go to the **General Support** section, click **Support Details**, and then select the appropriate tab.

Chapter 1

Graphical user interface

The following settings can be changed on the GUI.

- Data Directory
- Log File



In the directory specified for Data Directory, a list of all customers of the SignBase database is written, as a result of a database query. If this list already exists (default file name is vclist.vc), then the query is omitted. The format of the data file is:

SignBase database field name	Offset starting with 1	Size CHAR	Description
BNO	1	3	Bank number
COUNTRYID	4	3	ISO Country, such as '840' for USA
BANKCODE	7	11	Bank code
CUSTOMERNO	18	30	Customer number

To select directories per file dialog you can use the **Browse** button beside the input field.

The **Start** and **Stop** buttons control the batch process which uses the settings above.

Chapter 2

Configuration settings


Settings in service.properties

These settings have to be specified in file VC.properties or in service.properties. The settings in service.properties have precedence over those in VC.properties.

Key	Default	Description
VC.dataDir	<the current directory>	Directory of the data file.
VC.logFile	<empty>	Name of the protocol file.
VC.BNO	999	Let this utility work only for the specified BNO. An empty value or 999 means "all BNOs".
VC.minSignatures	32	The minimum count of signatures of a customer. If a customer has less signatures, then this customer will be ignored.
VC.updateDatabase	yes	If yes, similar variants are deleted logically. Otherwise, the found similar variants are only listed in the log for testing purposes.
VC.referenceMatchRate	80	2 signatures with a match rate above this value are considered to be similar. Possible values are between 0 and 100.
Database.URL	<no default>	URL of the database.
Database.catalog	<no default>	Catalog name of the database.
Database.schema	DEB	Schema of the database.
Database.propValue1	signplus	Userid to log on to the database.
Database.propValue2	<no default>	Password to log on to the database.

Other settings in VC.properties

Key	Default	Description
errorSuffix	.err	Suffix for the error file. When the processing of the data file fails, the log is written to the file with the name of the data file and this extension.
renameSuffix	.old	Suffix for the renaming the data file. When specified, after processing the data file's dataSuffix is replaced by renameSuffix.
rejectSuffix	.rej	Suffix for reject file. If rejectSuffix is not empty, then all records that could not be properly processed are written to a reject file. This file has the name of the data file and the extension .rejectSuffix.
workSuffix	.wrk	Suffix for working files. The data file is locked by creating an empty working file in the same directory, with the same file name, but with the extension workSuffix. This allows more than one program to run on the same data directory without processing the same file twice.
startLabel	"Start"	Label of the start button.
stopLabel	"Stop"	Label of the stop button.
exitLabel	"Exit"	Label of the exit button.
browseLabel	"Browse..."	Label of the browse buttons.
dataLabel	"Data Directory"	Label of the input field for the data directory.
logLabel	"Log File"	Label of the input field for the protocol file.
title	classname of the Service Program	Title of the window.
license	"(unlicensed)"	Label of the licensee.
windowWidth	screenwidth / 2	Width of the window in pixel.
windowHeight	screenheight / 2	Height of the window in pixel.
bankSpecificReleaseText	"bank-specific Package: "	Label for the release-text.
release	<empty>	release-text

Key	Default	Description
logFont	Windows-setting	The font of the log. Syntax: "name,style,size" where name - the name of the font style - the style of the font: <ul style="list-style-type: none"> • 0 - normal • 1 - bold • 2 - italic • 3 - bold and italic size - the size of the font in pixels Example: "Helvetica,0,16"
logSelectedForeground	Windows-setting	Color of the selected text in the log. Syntax: red,green,blue where each value is scalable from 0 (0%) to 255 (100%).
logSelectedBackground	Windows-setting	Color of the selected background in the log.
logBackground	Windows-setting	Color of the background in the log.
logMaximumLines	10000	The maximum number of lines in the log area. If this number is reached, then as many lines beginning from the top are removed so that logMinimumLines lines remain. This setting has no influence on the log written to a file. The log in a file is always complete.
logMinimumLines	1000	The minimum number of lines in the log area.
logFile	<empty>	Name of the protocol file.
startNow	no	If set to 'yes', the program starts immediately the processing of the data files after being activated. Otherwise, the user must click the start button to begin the processing of the data files.  If startNow=yes, saveLog=yes and wait=0, then the program is finished after processing all files.
saveLog	no	Shall the log be written to the log file? (yes/no)
traceLevel	0 (no trace)	Trace Level. The Trace Level is the sum of the single levels (see Trace Levels). For example, 9 is ERROR (1) and INFO (8): 1+8=9.
menuResource		Name of the properties file describing the menu bar.