

Kofax OmniPage Capture SDK for Linux

Technical Specifications

Version: 21.1.0

Date: 2021-07-21

The KOFAX logo is rendered in a bold, blue, sans-serif typeface. The letters are thick and closely spaced, with a consistent weight throughout the word.

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Date	Revision	Description
07/21/2021	1.0	Initial version

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About Kofax OmniPage Capture SDK for Linux

The Kofax OmniPage Capture SDK for Linux is a developer kit to incorporate image processing, OCR, document conversion, document classification, and data extraction capabilities into applications.

You must meet the requirements to support your Kofax OmniPage Capture SDK for Linux 21.1.0 development system. These requirements specifically list the needs of Kofax OmniPage Capture SDK for Linux 21.1.0 for Linux and do not include any amount of memory or disk space you require for the operating system, environment, or other software that runs on the same machine.

Product features

Kofax OmniPage Capture SDK for Linux 21.1.0 is based on Kofax OmniPage Capture SDK for Windows.

- Image input
 - Different image file formats (such as TIF, JPG) and memory
 - Black and White, Grayscale and Color images
- OCR languages (see "Languages supported" in the [Product requirements](#) section)
- Image pre-processing
 - Image cleaning features such as despeckling
 - Inverse text detection (light text on dark background)
 - Auto rotation, auto deskew
- Text and XML output
 - XML contains character and location information
- Searchable PDF output
 - MRC compression
 - PDF/A
 - Secure PDF
- RTF, DOCX, and XLSX, formatted output
- 1D and 2D bar codes
- API documentation and C/C++ headers for the OCR library
- Several sample sources to be used as a reference design for the API
- Linkable shared object files (.so files)

Product requirements

Specification	Description
Hardware	<p>Development:</p> <ul style="list-style-type: none"> • 64-bit Intel CPU (Core 2 or higher CPU) or Apple • 4 GB minimum RAM (more for working with grayscale or color images, and more for multi-threaded applications) • 2 GB free disk space <p>Runtime:</p> <ul style="list-style-type: none"> • 64-bit Intel CPU or compatible (Core 2 or higher CPU is recommended) • 512 MB minimum RAM (2 GB recommended, more for working with grayscale or color images, and more for multi-threaded applications) • 450 MB free hard disk space (less if not all recognition modules are distributed)
Operating systems	<p>Supported distributions:</p> <ul style="list-style-type: none"> • Debian 9.13, 10.5 • Ubuntu 16.04 LTS, 18.04 LTS, 20.04 LTS • Fedora 31, 32 • CentOS 7.8, 8.2 • Red Hat Enterprise Linux server 7.8, 8.2 • Oracle Linux 7.8, 8.2 <p>Some older distributions may work, too, if a compatible developer package is installed with the required runtime library version.</p>
Package managers	<ul style="list-style-type: none"> • Red Hat Package Manager (rpm) • Debian Package Manager (dpkg)
Development tools and runtime libraries	<p>Minimum software versions:</p> <ul style="list-style-type: none"> • GNU make version 3.81 • gcc version 4.8.4 • g++ version 4.8.4 <p>Minimum runtime libraries:</p> <ul style="list-style-type: none"> • GLIBC_2.16 (libc.so.6) • GLIBCXX_3.4.19 (libstdc++.so.6)

Specification	Description
Languages supported	<p>Developer documentation language:</p> <ul style="list-style-type: none">• English <p>127 OCR languages:</p> <p>AFRIKAANS, ALBANIAN, ARABIC, AYMARA, BASQUE, BELARUSIAN, BEMBA, BLACKFOOT, BRAZILIAN PORTUGUESE, BRETON, BUGOTU, BULGARIAN, CATALAN, CHAMORRO, CHECHEN, CHINESE - SIMPLIFIED, CHINESE - TRADITIONAL, CORSICAN, CROATIAN, CROW, CZECH, DANISH, DUTCH, ENGLISH, ESPERANTO, ESTONIAN, FAROESE, FIJIAN, FINNISH, FRENCH, FRISIAN, FRIULIAN, GAELIC - IRISH, GAELIC - SCOTTISH, GALICIAN, GANDA, GERMAN, GREEK, GUARANI, HANI, HAWAIIAN, HEBREW, HUNGARIAN, ICELANDIC, IDO, INDONESIAN, INTERLINGUA, INUIT, ITALIAN, JAPANESE, KABARDIAN, KASHUBIAN, KAWA, KIKUYU, KONGO, KOREAN, KPALLE, KURDISH, LATIN, LATVIAN, LITHUANIAN, LUBA, LUXEMBOURGIAN, MACEDONIAN, MALAGASY, MALAY, MALINKE, MALTESE, MAORI, MAYAN, MIAO, MINANKABAW, MOHAWK, MOLDAVIAN, NAHUATL, NORWEGIAN, NYANJA, OCCIDENTAL, OJIBWAY, PAPIAMENTO, PIDGIN ENGLISH, PIREZ, POLISH, PORTUGUESE, PROVENCAL, QUECHUA, RHAETIC, ROMANIAN, ROMANY, RUANDA, RUNDI, RUSSIAN, SAMI, SAMI LULE, SAMI NORTHERN, SAMI SOUTHERN, SAMOAN, SARDINIAN, SERBIAN - CYRILLIC, SERBIAN - LATIN, SHONA, SIOUX, SLOVAK, SLOVENIAN, SOMALI, SORBIAN, SOTHO, SPANISH, SUNDANESE, SWAHILI, SWAZI, SWEDISH, TAGALOG, TAHITIAN, THAI, TONGAN, TSWANA, TUN, TURKISH, UKRAINIAN, VIETNAMESE, VISAYAN, WELSH, WOLOF, XHOSA, ZAPOTEC, ZULU</p>