

IDOL

KeyView Export SDK

Software Version 12.8.0

Release Notes



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New in this Release

This section lists the enhancements to KeyView Export SDK version 12.8.0.

- KeyView format detection has been extended, with support for 42 additional file formats. By identifying a larger range of formats present in the enterprise, decisions can be made on how to route, filter, or alert on such documents. For the full list, refer to the *KeyView Export SDK Programming Guides*.
- KeyView can extract text from Haansoft Hangul HWPX files. This functionality is provided by a new reader, `hwpxsr`. This feature was included in 12.7, but was not documented.
- KeyView is now available for the Apple M1 platform if enabled by your license.
- KeyView is now available for Linux ARM (AArch64).
- In PDF Export, you can now create a thumbnail of a document, by using the new `fpCreateThumbnailForFile` function.
- XML Export can now convert files that are RMS encrypted, provided it is used in-process.
- Support has been added for the new Zstandard (zstd) compression method for ZIP files.
- KeyView can extract text from SAS7BDAT files. This functionality is provided by a new reader, `sassr`.
- KeyView can now extract embedded content from PKCS #7 signed data files. PKCS #7 is used within S/MIME messages, and these messages are already handled by KeyView. This change adds support for PKCS #7 files that are not attached to S/MIME messages.
- KeyView XML Export now returns the position of text boxes from Microsoft Word documents (DOCX).
- The background color of Microsoft Word documents (DOCX) is now included in the partition information, and the reference implementation shows how to use this to reflect the appearance of the original document in the HTML output.
- KeyView can now detect and extract alternate data streams in RAR archives. These alternative streams appear as additional subfiles that you can extract separately.
- KeyView can now extract subfiles from some corrupt ZIP files.

Resolved Issues

The following issues were resolved in KeyView Export SDK version 12.8.0.

- When the configuration file was larger than 16kB, the file was truncated. There is now no size limit for this file.
- KeyView failed to process certain Microsoft OneNote documents.
- In Microsoft Visio 2003-2010 Drawing (.vsd) files, KeyView could incorrectly order the layers of objects (the z-ordering) in a drawing that contains groups, causing elements of the drawing to be wrongly obscured.
- When a RAR (v4) archive contained alternate data streams, KeyView reported incorrect files named "STM", which would extract to empty files.
- KeyView failed to convert most documents that contained tables with more than 64 columns, or more than 32 columns on 32-bit Windows.
- When processing Microsoft Word documents (DOCX) with grouped images, only the topmost image in a group was output.
- When processing Microsoft Word documents (DOCX) with grouped images, any images output from groups were the wrong size.
- Some CADAM_Drawing_Fmt files were not detected.
- KeyView could return KVERR_PasswordProtected when processing S/MIME messages that were signed but not encrypted.
- Powerpoint SmartArt content appeared as a black box when using the SVG output format.
- KeyView could omit text from Microsoft Word documents (.docx) that were created by Google Docs.

Requirements

This section lists the supported platforms, supported compilers, and software dependencies for the KeyView Export SDK.

Supported Platforms

- CentOS 7 x86, x64, and AArch64
- IBM AIX L6.1 PowerPC 32-bit and 64-bit
- IBM AIX L7.1 PowerPC 32-bit and 64-bit
- macOS 10.13 or later on 64-bit Apple-Intel architecture
- macOS 11 or later on Apple M1.
- Microsoft Windows Server 2012 x64
- Microsoft Windows Server 2016 x64
- Microsoft Windows Server 2019 x64
- Microsoft Windows 7 x86 and x64
- Microsoft Windows 8 x86 and x64
- Microsoft Windows 10 x64
- Oracle Solaris 10 SPARC
- Oracle Solaris 10 x86 and x64
- Red Hat Enterprise Linux 6 x86 and x64
- Red Hat Enterprise Linux 7 x64
- Red Hat Enterprise Linux 8 x64
- SuSE Linux Enterprise Server 11 x86 and x64
- SuSE Linux Enterprise Server 12 x64
- SuSE Linux Enterprise Server 15 x64

Supported Compilers

Platform	Architecture	Compiler Name	Compiler Version
Microsoft	x86	cl	Microsoft 32-bit C/C++ Optimizing Compiler for x86 Version

Platform	Architecture	Compiler Name	Compiler Version
Windows			17 (Visual Studio 2012) to Version 19 (Visual Studio 2019)
	x64	cl	Microsoft C/C++ Optimizing Compiler for x64 Version 17 (Visual Studio 2012) to Version 19 (Visual Studio 2019).
Sun Solaris	x86 64-bit	Sun Studio 12	Sun C 5.9 SunOS_i386 Patch 124868-01 2007/07/12
	SPARC 64-bit	Sun Studio 11	Sun C 5.8 Patch 121015-06 2007/10/03
Linux	x86	gcc / g++	4.1.0 to 4.9.2
	x64	gcc / g++	4.1.0 to 4.9.2
IBM AIX	Power	xlC_r/ cc_r	IBM XL C/C++ Enterprise Edition V8.0
macOS	Apple-Intel 64-bit	LLVM	Apple LLVM 5.1 (clang-503.0.40) (based on LLVM 3.4svn)
	Apple M1	LLVM	Apple LLVM 12.0.0 (clang 1200.0.32.28).

Supported Compilers for Java Components

Component	Compiler
Java components	Java 7

Software Dependencies

Some KeyView components require specific third-party software:

- Java Runtime Environment (JRE) or Java Software Developer Kit (JDK) version 7 is required for Java API and graphics conversion in Export SDK.
- Outlook 2002 or later is required to process Microsoft Outlook Personal Folders (PST) files using the MAPI-based reader (pstsr). The native PST readers (pstxsr and pstnsr) do not require Outlook.

NOTE: You must install an edition of Microsoft Outlook (32-bit or 64-bit) that matches the KeyView software. For example, if you use 32-bit KeyView, install 32-bit Outlook. If you use 64-bit KeyView, install 64-bit Outlook.

If the editions do not match, KeyView returns Error 32: KVErrror_PSTAccessFailed and an error message from Microsoft Office Outlook is displayed: Either there is a no default

mail client or the current mail client cannot fulfill the messaging request. Please run Microsoft Outlook and set it as the default mail client.

- Lotus Notes or Lotus Domino is required for Lotus Notes database (NSF) file processing. The minimum requirement is 6.5.1, but version 8.5 is recommended.
- Microsoft Visual C++ 2019 Redistributables (Windows only).

Notes

- The ability to provide KeyView license information as a file (`kv.lic`) has been deprecated. In the C API, the function `fpInit()` has been deprecated. Micro Focus recommends that you use `fpInitWithLicenseData()` instead, so that your license key is passed to KeyView through the API. You should not include license information in your application as a file. `fpInit()` is still available for existing implementations, but it might be incompatible with new functionality and might be removed in future.
- The platform name for MacOS in installers has been updated from `OSX_64` to `MACOS_X86_64`.

Documentation

The following documentation was updated for KeyView Export SDK version 12.8.0.

- *KeyView Export SDK: HTML Export C and COM Programming Guide*
- *KeyView Export SDK: HTML Export Java Programming Guide*
- *KeyView Export SDK: PDF Export C Programming Guide*
- *KeyView Export SDK: XML Export C Programming Guide*
- *KeyView Export SDK: XML Export Java Programming Guide*