

KeyView Export SDK

Software Version 12.5.0

Release Notes



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New in this Release

This section lists the enhancements to KeyView Export SDK version 12.5.0.

- KeyView format detection has been extended, with support for 169 additional file formats. By identifying a larger range of formats present in the enterprise, decisions can readily be made on how to route, filter, or alert on such documents. For the full list, refer to the *KeyView Export SDK Programming Guide*.
- Detection for the HP_GL_Fmt and HP_GLP_Fmt formats have been improved to correctly detect more files, even if they use some non-standard commands.
- KeyView can now detect whether a file has been encrypted using Seclore encryption.
- You can now configure HTML and XML Export to output the text from vector graphic content, including charts and presentation graphs, as text-only vector graphics in SVG format.
- KeyView can now extract text from GDSII files.
- KeyView now extracts subfiles that are embedded as AltChunk elements in Microsoft Word (docx) files.
- On Windows, KeyView no longer depends on the Visual Studio 2010 redistributable files. It now requires VS2013 and VS2019 redistributable files. These files are provided in the KeyView installation.
- Text wrapping for word processor documents exported to PDF has been improved.

Resolved Issues

The following issues were resolved in KeyView Export SDK version 12.5.0.

- Error messages returned when KeyView attempted to extract certain corrupted attachments to .eml (Mime_fmt) files were unclear (KeyView returned KVERR_General instead of KVERR_badInputStream).
- On Windows, KeyView could cut off the left side of images from HTML output.
- KeyView could fail to produce internal document links when processing some file types.
- KeyView could output text in the wrong font when processing various file types.
- Some images in Microsoft Word (.doc) files that had a rotation applied to them were output as the wrong aspect ratio.
- KeyView failed to apply some styling to text inside tables.
- KeyView failed to return an appropriate error code when it encountered some OpenDocument Text Format (.odt) files.
- For some Microsoft Visio (VSD) files, output graphics were blank.
- Fixes were made for some potential security vulnerabilities.
- The first footnote could be missed from Microsoft Word (DOC) files if it was referenced using a symbol (such as *) instead of being numbered
- Some ZIP files were incorrectly detected as Microsoft Word (DOCX) files.
- Some plain text files (ASCII_Text_Fmt) were incorrectly detected as SMTP (SMTP_Fmt) files.
- KeyView had a memory leak when extracting some password-protected RAR4 files.
- KeyView incorrectly extracted subfiles from some RTF files (MS_RTF_Fmt), resulting in corrupted blocks of content in the extracted subfiles.
- KeyView reported a KVERR_badInputStream when attempting to extract subfiles from some PPT files.

Requirements

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

Supported Platforms

- CentOS 7 x86 and x64
- FreeBSD 8.1 x86
- IBM AIX L6.1 PowerPC 32-bit and 64-bit
- IBM AIX L7.1 PowerPC 32-bit and 64-bit
- Mac OS X 10.13 or higher on 32- and 64-bit Apple-Intel architecture
- 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 Windows	x86	cl	Microsoft 32-bit C/C++ Optimizing Compiler Version 16.00.30319.01 for x86
	x64	cl	Microsoft C/C++ Optimizing Compiler Version 16.00.30319.01 for x64
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++	3.4.3 (Redhat 4), 4.1.0 (SuSE Linux 10)
	x64	gcc / g++	4.1.0 (Redhat 4), 4.1.0 (SuSE Linux 10)
IBM AIX	Power	xLC_r / cc_r	IBM XL C/C++ Enterprise Edition V8.0
macOS	Apple-Intel 32-bit and 64-bit	LLVM	Apple LLVM 5.1 (clang-503.0.40) (based on LLVM 3.4svn)
FreeBSD	BSD x86	gcc / g++	4.2.1 [FreeBSD] 20070719

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 (psts_r). The native PST readers (pstxs_r and pstns_r) 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++ 2013 and Microsoft Visual C++ 2019 Redistributables (Windows only).

Notes

- The `KVCharSet` enumerated type for character sets has been moved from `kvtypes.h` to `kvcharset.h`.

Documentation

The following documentation was updated for KeyView Export SDK version 12.5.0.

- *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*