

# KeyView Export SDK

Software Version 12.2.0

## Release Notes



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The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
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# Contents

New in this Release .....	4
Resolved Issues .....	5
Requirements .....	6
Supported Platforms .....	6
Supported Compilers .....	6
Software Dependencies .....	7
Documentation .....	9

## New in this Release

This section lists the enhancements to KeyView Export SDK version 12.2.0.

- KeyView can now export documents to PDF format.
- KeyView format detection has been extended, with support for over 30 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 Guides*.
- KeyView can extract subfiles from additional file formats: CPIO (copy-in-and-out archiver), Debian binary package, DOS/Windows Object Library, LZMA compressed data, Mac OS-X executable, MSI (Microsoft Installer), RPM (package manager file), SUN PEX Binary Archive, Windows Imaging Format, and XAR (Extensible Archive).
- KeyView can filter and export documents created in iWorks Numbers 2018.
- Improved support for PST files, when the MAPI-based reader is not used: on Windows (64-bit and 32-bit) and Linux (64-bit) the native PST reader, `pstnsr`, has been replaced with `pstxsr`, which is capable of extracting some PST files that `pstnsr` could not.
- KeyView can extract files from more Microsoft Outlook Offline Folders (OST) files than it could before.
- You can extract all metadata from subfiles of the EML, MBX, and MIME mail formats, without having to provide a list of metadata field names. (This feature is available in the C API only).
- Some corrupt Microsoft Project (MPP) files can be detected.

## Resolved Issues

The following issues were resolved in KeyView Export SDK version 12.2.0.

- In some cases, KeyView could incorrectly return an error when processing an XPS file.
- Keyview could not process some Hangul Word (.hwp) documents which contained attached binary data files in mixed or unknown compression states.
- KeyView would fail to output a notes section encoded in Quoted Printable format when extracting summary information from VCF files.
- Date values in an Excel (XLSX) spreadsheet that were formatted as system dates were output as numeric values.
- KeyView failed to process some Microsoft Word documents.
- KeyView could produce invalid output when extracting XMP metadata from TIFF files.
- Some EMF files could be inverted when converted using HTML Export on non-Windows platforms.
- Some images could be output with one incorrect color if the source document encoded images in a particular way.
- When rendering charts on Linux, KeyView could generate an image where the size of the legend exceeded the size of the chart.
- Attachments were not extracted correctly from ICS files when the attachments were encoded as plain text, or were specified as URIs.
- The output from some Microsoft Word (.doc) files contained some meaningless text.
- KeyView failed to process some Microsoft Excel (.xlsx) files with merged cells.
- In some circumstances, KeyView could fail to process some Excel documents that contained text boxes.
- KeyView failed to extract JAR, WAR and EAR files.
- Some MySQL\_Table\_Fmt format files were not identified correctly.
- Some files were incorrectly identified as Uniplex\_WP\_Fmt.

# Requirements

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

## Supported Platforms

- CentOS 7
- 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 Mountain Lion 10.8 or higher on 32- and 64-bit Apple-Intel architecture
- Microsoft Windows Vista Business Edition x86 and x64. Other editions of Vista have not been tested, but are likely supported.
- Microsoft Windows 2008 Server Enterprise Edition x86 and x64
- Microsoft Windows 2008 Server R2
- Microsoft Windows 7 x86 and x64
- Microsoft Windows 8 x86 and x64
- Oracle Solaris 10 SPARC
- Oracle Solaris 10 x86 and x64
- Red Hat Enterprise Linux 5.0 x86 and x64
- Red Hat Enterprise Linux 6.0 x86 and x64
- SuSE Linux Enterprise Server 10, 10.1, 11, x86 and 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

Platform	Architecture	Compiler Name	Compiler Version
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
Mac OSX	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 1.5

## Software Dependencies

Some KeyView components require specific third-party software:

- Java Runtime Environment (JRE) or Java Software Developer Kit (JDK) version 1.5 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.

- The Microsoft .NET Framework is required if you are using the .NET implementation of the API.
- Microsoft Visual C++ 2013 and Microsoft Visual C++ 2010 Redistributables (Windows only).

# Documentation

The following documentation was updated for this release:

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