

# KeyView Export SDK

Software Version 12.3.0

## Release Notes



Document Release Date: June 2019  
Software Release Date: June 2019

## Legal notices

### Copyright notice

© Copyright 2019 Micro Focus or one of its affiliates.

The only warranties for products and services of Micro Focus and its affiliates and licensors (“Micro Focus”) are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Micro Focus shall not be liable for technical or editorial errors or omissions contained herein. The information contained herein is subject to change without notice.

## Documentation updates

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

- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
- Software Release Date, which indicates the release date of this version of the software.

You can check for more recent versions of a document through the [MySupport portal](#). Many areas of the portal, including the one for documentation, require you to sign in with a Software Passport. If you need a Passport, you can create one when prompted to sign in.

Additionally, if you subscribe to the appropriate product support service, you will receive new or updated editions of documentation. Contact your Micro Focus sales representative for details.

## Support

Visit the [MySupport portal](#) to access contact information and details about the products, services, and support that Micro Focus offers.

This portal also provides customer self-solve capabilities. It gives you a fast and efficient way to access interactive technical support tools needed to manage your business. As a valued support customer, you can benefit by using the MySupport portal to:

- Search for knowledge documents of interest
- Access product documentation
- View software vulnerability alerts
- Enter into discussions with other software customers
- Download software patches
- Manage software licenses, downloads, and support contracts
- Submit and track service requests
- Contact customer support
- View information about all services that Support offers

Many areas of the portal require you to sign in with a Software Passport. If you need a Passport, you can create one when prompted to sign in. To learn about the different access levels the portal uses, see the [Access Levels descriptions](#).

# Contents

New in this Release .....	4
Resolved Issues .....	5
Requirements .....	6
Supported Platforms .....	6
Supported Compilers .....	6
Software Dependencies .....	7
Notes .....	9
Documentation .....	10

## New in this Release

This section lists the enhancements to KeyView Export SDK version 12.3.0.

- KeyView format detection has been extended, with support for 45 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*.
- Source code identification is now supported on 64-bit OSX.
- For Windows platforms, all installed libraries are now code signed by Micro Focus Group Limited.
- KeyView now has text-only support for OneNote alternate storage format. It can also extract subfiles from these files.
- Encoding detection has been improved for CSV files.
- In the C API, you can now initialize a Export session with license information, by using the new `fpInitWithLicenseData` function. This function can be used instead of `fpInit`, and uses license information passed in with function parameters, rather than the `kv.lic` file.
- The revision history is now included from `OneNote_Fmt` files.

## Resolved Issues

The following issues were resolved in KeyView Export SDK version 12.3.0.

- Some text could appear with incorrect formatting when exporting Microsoft Word (.doc) files to HTML. KeyView now supports inherited formatting for this file format.
- KeyView could report the error `KVERR_BadInputStream` when extracting some password-protected RAR files, if no password was supplied.
- KeyView could time out when processing some malformed RTF files.
- KeyView could time out when processing HTML files that contained invalid CSS.
- Some embedded AutoDesk Drawing (DWG) files were not correctly extracted from their container document.
- Microsoft Photo Editor files were not correctly extracted from Microsoft Office documents.
- KeyView could output incorrect text from some PDF files.
- Some PDF files were not detected correctly.
- The text from some PDF files that did not specify their character encoding was output entirely as replacement characters.
- A small amount of text could be missed from some Microsoft Word (.doc) files.
- KeyView failed to process some Microsoft Word (.DOC) files.
- KeyView could incorrectly identify files that contained HTML-like text near the start of the file as HTML files.
- KeyView could fail to process some RTF files that contained encapsulated HTML with embedded images.
- KeyView failed to process some PDF files with duplicate cross-reference table entries.
- KeyView could report the error `KVERR_BadInputStream` for PDFs that use a particular compression mechanism for their cross-reference streams.
- KeyView misidentified some text documents as Intel Hex (IHEX).
- KeyView could not process some HTML documents.
- KeyView could time out while processing some Microsoft Visio (.VSD) files.
- KeyView could fail to process Open Document Format files that contained hyperlinks with very long URLs.
- PDF Export of spreadsheets did not include charts when run on non-Windows platforms.
- In some cases, the XrML was not extracted correctly from RMS protected Office 2007 files.

# 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).

## Notes

- When you build any program linked to the filtersdk static library (that is, the C++ API), you must now specify an include directory that contains the C API files (specifically `kvtypes.h`). These files must be present because they are used to build the library, but now they are also necessary for users of the library.

# 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*