Hewlett Packard
Enterprise

KeyView Filter SDK

Software Version: 11.5.0

Release Notes

Legal notices

Warranty

The only warranties for Hewlett Packard Enterprise Development LP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HPE shall not be liable for technical or editorial errors or omissions contained herein.

The information contained herein is subject to change without notice.

Restricted rights legend

Confidential computer software. Valid license from HPE required for possession, use or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

Copyright notice

© Copyright 2017 Hewlett Packard Enterprise Development LP

Trademark notices

Adobe™ is a trademark of Adobe Systems Incorporated.

Microsoft® and Windows® are U.S. registered trademarks of Microsoft Corporation.

UNIX® is a registered trademark of The Open Group.

This product includes an interface of the 'zlib' general purpose compression library, which is Copyright © 1995-2002 Jean-loup Gailly and Mark Adler.

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.

To check for recent software updates, go to https://downloads.autonomy.com/productDownloads.jsp.

To verify that you are using the most recent edition of a document, go to https://softwaresupport.hpe.com/group/softwaresupport/search-result?doctype=online help.

This site requires that you register for an HPE Passport and sign in. To register for an HPE Passport ID, go to https://hpp12.passport.hpe.com/hppcf/login.do.

You will also receive updated or new editions if you subscribe to the appropriate product support service. Contact your HPE sales representative for details.

Support

Visit the HPE Software Support Online web site at https://softwaresupport.hpe.com.

This web site provides contact information and details about the products, services, and support that HPE Software offers.

HPE Software online support provides customer self-solve capabilities. It provides 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 support web site to:

- Search for knowledge documents of interest
- Submit and track support cases and enhancement requests
- Access product documentation
- Manage support contracts
- Look up HPE support contacts
- Review information about available services
- Enter into discussions with other software customers
- Research and register for software training

Most of the support areas require that you register as an HPE Passport user and sign in. Many also require a support contract.

To register for an HPE Passport ID, go to https://hpp12.passport.hpe.com/hppcf/login.do.

To find more information about access levels, go to https://softwaresupport.hpe.com/web/softwaresupport/access-levels.

To check for recent software updates, go to https://downloads.autonomy.com/productDownloads.jsp.

Contents

New in this Release

This section lists the enhancements to KeyView Filter SDK version 11.5.0.

- KeyView can detect Star Office files (versions 3-5).
- KeyView can detect Keyhole Markup Language (KML/KMZ) files.
- KeyView can detect Wireless Markup Language (WML) files.
- Processing some Microsoft Word documents that contain vector images is considerably faster.
- Table detection has been improved for PDF files.

Resolved Issues

The following issues were resolved in KeyView Filter SDK version 11.5.0.

- KeyView could terminate unexpectedly when processing some ODA files in a multi-threaded application.

- KeyView would sometimes fail to detect the format of iWork documents.

- KeyView format detection failed to identify some Microsoft Works files.

- KeyView did not free all the memory it allocated when it failed to extract an Open Office Writer (ODT) file.

- KeyView failed to process Open Office Spreadsheet (ODS) files with more than 256 columns.

- Invalid text could appear in the output when processing some PDF files.

- Character mappings for embedded fonts in PDF files were not always handled correctly, which could result in invalid text in the output.

- Tab characters were not handled properly in iWorks KeyNote 2009 files.

- KeyView could terminate unexpectedly when auto-detecting some OLE-based file formats in-process.

- KeyView could return inconsistent results each time it filtered a PDF file with tagged content extraction enabled. The tagged content could also be output incorrectly.

- KeyView could terminate unexpectedly, or extraction could fail, when processing files with "output all metadata" and image extraction enabled.

- KeyView could terminate unexpectedly when running extraction in-process and in stream mode with image extraction enabled.

- KeyView could return an error when filtering some PDF files with table detection enabled.

- KeyView could terminate unexpectedly when extracting summary information from an HWP file in-process.

- Macro text was not filtered if an issue was encountered when processing the last sheet of a Excel 2000 workbook.

- Processing an EML file with no body content could result in invalid characters appearing in the extracted content.

- In some cases, the HTML body text extracted from an EML file could begin with a meta tag specifying the wrong encoding.

Requirements

This section lists the supported platforms, supported compilers, and software dependencies for the KeyView Filter 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
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	Sun C 5.8 Patch 121015-06 2007/10/03

Platform	Architecture	Compiler Name	Compiler Version
		11	
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 and .NET Components

Component	Compiler
Java components	Java 1.5
.NET components	Microsoft Visual J# 2005 Compiler 8.00.50727.42

C++ Filter SDK

The C++ Filter SDK is supported on:

- Linux using GCC 5 or later
- Windows using Visual Studio 2015 or later

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 client or later versions is required when processing Microsoft Outlook Personal Folders (PST) files using the MAPI-based reader (pstsr). The native PST reader (pstnsr) does not require an Outlook client.

  > **NOTE:**
  > If you are using 32-bit KeyView, you must install 32-bit Outlook. If you are using 64-bit KeyView, you must install 64-bit Outlook.
  >
  > If the bit editions do not match, 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.
```

Additionally, KeyView displays the following return code:

```
Error 32: KVError_PSTAccessFailed.
```

- 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 .NET Framework SDK version 2.0, Microsoft .NET Framework version 2.0 Redistributable Package is required if you are programming in a .NET environment.
- Microsoft Visual C++ 2013 and Microsoft Visual C++ 2010 Redistributables (Windows only).

Documentation

The following documentation was updated for this release:

- *KeyView Filter SDK C Programming Guide*
- *KeyView Filter SDK Java Programming Guide*
- *KeyView Filter SDK .NET Programming Guide*