KeyView Viewing SDK

Software Version 12.5.0

Release Notes

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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.
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Contents

New in this Release

This section lists the enhancements to KeyView Viewing 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 Viewing 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.

- 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.

Resolved Issues

The following issues were resolved in KeyView Viewing 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`.

- Text copied to the clipboard could be garbled when the original file contained tabs.

- When viewing some PNG files, KeyView could distort the color.

- KeyView sometimes failed to view BinHex container files.

- 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.

- 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 Viewing SDK.

Supported Platforms

- Microsoft Windows Server 2019 x64

- Microsoft Windows Server 2016 x64

- Microsoft Windows Server 2012 x64

- Microsoft Windows 10 x64

- Microsoft Windows 8 x86 and x64

- Microsoft Windows 7 x86 and x64

Supported Compilers

Microsoft 32-bit C/C++ Optimizing Compiler Version 16.00.30319.01 for 80x86.

Software Dependencies

Some KeyView components require that you have installed specific third-party software:

- Outlook 2002 client or later version for Microsoft Outlook Personal Folders (PST) file viewing

- Lotus Notes or Lotus Domino (minimum requirement is 6.5.1, but version 8 is recommended) for Lotus Notes database (NSF) file viewing

- Microsoft .NET Framework version 2.0 Redistributable Package (if programming in .NET environment)

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 Viewing SDK version 12.5.0.

- *KeyView Viewing SDK Programming Guide*