App-V Package Analysis

Provided by TMurgent's AppV\_Manage 3.11.99.3 Analyzer

Fiddler\_W7x86\_2

Package: Fiddler\_W7x86\_2

About this report

This is a report generated on the App-V file generated by the App-V Sequencer. It was produced by the package analyzer of the  [TMurgent Technologies](http://www.tmurgent.com/appv)  AppV\_Manage tool. This report does not consider any changes to the package that are part of a DeploymentConfiguration.xml or UserConfiguration.xml file.

The purpose of the report is to document features of the application related to how it integrates with the Operating System, the end-user, and some other applications.

The report documents the following:

* General Package facts.
* The packaging options used when Sequencing.
* App-V Extension details.
* Package interfaces to the external world.
* Conditions requiring global publishing for full functionality.
* Potential issues with the package.

Package Identification Information

Information identifying the package used to generate this report.

|  |  |
| --- | --- |
| Item | Value |
| Report Date | 3/25/2015 |
| Package Filename | C:\Content\Fiddler\_W7x86\Fiddler\_W7x86\_2.appv |
| Package Version String | 0.0.0.2 |
| Package Id | 4c0aeca3-ad5b-4b3f-b0ce-cc7320acebfa |
| Package Version Id | 5262bd9e-f63d-4f50-9733-1ae7ce334e61 |
| PVAD | C:\Fiddler\_W7x86 |

Package History Information

Information identifying the history of package versions.

|  |  |  |
| --- | --- | --- |
| Version | Item | Value |
| 1 | Sequence Date |  |
| 1 | Was Upgrade? |  |
| 1 | Sequencer User |  |
| 1 | Sequencer Computer |  |
| 1 | Sequencer Version | 5.0.0.536 |
| 1 | Windows Version | 6.1.7601.65536 |
| 1 | OS Bitness | 32 |
| 1 | .Net Version |  |
| 1 | IE Version |  |
| 1 | Windows Locale |  |
| 2 | Sequence Date |  |
| 2 | Was Upgrade? |  |
| 2 | Sequencer User |  |
| 2 | Sequencer Computer |  |
| 2 | Sequencer Version | 5.0.0.536 |
| 2 | Windows Version | 6.1.7601.65536 |
| 2 | OS Bitness | 32 |
| 2 | .Net Version |  |
| 2 | IE Version |  |
| 2 | Windows Locale |  |

Package Settings Information

Configuration Settings extracted from the package.

|  |  |
| --- | --- |
| Item | Value |
| Minimum Client OS | 6.1 |
| Client OS Limits | All OS Versions OK |
| Architecture | x86/x64 Clients allowed |
| COM Mode | Isolated |
| Named Kernel Objects | Isolate All, except standard exceptions |
| VFS Write Mode | Default |
| InProcessExt Mode | Not specified (only set in Office2013) |

About COM Mode: The virtual COM server is enabled, and GUID spoofing is performed. Publishing of COM objects (except when also part of certain Extensions) to the native registry is not performed. Items published due to Extensions will be available outside the virtual environment, and the others are only available inside the virtual environment.

About Kernel Objects: Named kernel object renaming (spoofing) is enabled except for registered exceptions. This default setting solves some multi-instance, multi-user, and multi-tenant issues. This may lead to integration issues with other software outside of the virtual environment, but this is quite rare.

About VFS Write Mode: This default setting prevents the user from modifying all located in the VFS area using Copy-On-Write, which redirects those writes into the user local or roaming profile. In all cases, non-binary files in the PVAD are also subject to Copy-on-Write. A list of file extensions for the binary files types that are always exempt from Copy-On-Write is maintained in the client registry.

Note that some of these configuration settings may still be adjusted by the DeploymentConfiguration file.

Package Size Information

Information about the size of the package, major package components, and compression results.

|  |  |  |  |
| --- | --- | --- | --- |
| Item | Compressed | Uncompressed | Ratio |
| App-V Archive File | 4,457,833 | 10,884,673 | 2.44 to 1 |
| Central Directory | 13,257 | 13,257 | 1 to 1 |
| BlockMap.xml | 11,701 | 27,850 | 2.38 to 1 |
| StreamMap.xml | 231 | 394 | 1.71 to 1 |
| AppXManifest.xml | 1,213 | 4,481 | 3.69 to 1 |
| FileSystemMetaData.xml | 2,690 | 10,835 | 4.03 to 1 |
| PackageHistoryItem.xml | 179 | 374 | 2.09 to 1 |
| Registry.Dat | 43,169 | 43,169 | 1 to 1 |
| Registry64.dat | 0 | 0 | 1 to 1 |

Extensions Summary

Information about the App-V 'Extensions' used when Publishing.

|  |  |  |
| --- | --- | --- |
| Item | Count | Notes |
| Applications | 1 |  |
| Shortcuts | 1 |  |
| FTAs | 1 |  |
| URLs | 0 |  |
| Browser Add-ins | 1 | There are potential issues with at least some Browser Extensions. |
|  | Explorer Bars | ExplorerBars: 0 |
|  | Tool Bands | ToolBands: 0 |
|  | BHOs | BrowserHelperObjects: 0 |
|  | BExt COMs | COM-based BExt: 0 |
|  | BExt Scripts | Script-based BExt: 0 |
|  | BExt Exec | Exec-based BExt: 1 |
|  | Context Menu | BrowserContextMenus: 0 |
| ActiveX | 0 |  |
| ShellExt | 0 |  |
| COM | 0 |  |
| App Capabilities | 0 |  |
| App Paths | 2 |  |
| Software Clients | 0 |  |
| Side-X-Sides | 0 |  |
| Services | 0 |  |
| Fonts | 0 |  |
| Env Vars | 0 |  |
| Scripts | 0 |  |

Extensions: Application Detail

Information about the identified Applications.

|  |  |  |  |
| --- | --- | --- | --- |
| Internal | Type | Version | Path |
| False | n/a | 4.4.9.7 | [{ProgramFilesX86}]\Fiddler2\Fiddler.exe |

Information about the identified exes in package that are not externally exposed Applications.

|  |  |  |
| --- | --- | --- |
| Bit-ness | Type | Path |
| AnyCPU | Console | Root/VFS/ProgramFilesX86/Fiddler2/ExecAction.exe |
| AnyCPU | Console | Root/VFS/ProgramFilesX86/Fiddler2/ForceCPU.exe |
| 32-bit  | Console | Root/VFS/ProgramFilesX86/Fiddler2/makecert.exe |
| AnyCPU | Win | Root/VFS/ProgramFilesX86/Fiddler2/TrustCert.exe |
| 32-bit  | Win | Root/VFS/ProgramFilesX86/Fiddler2/uninst.exe |
| 32-bit  | Win | Root/VFS/ProgramFilesX86/Fiddler2/UpdateFiddler.exe |
| 32-bit  | Win | Root/VFS/ProgramFilesX86/Fiddler2/UpdateFiddler2.exe |
| 32-bit  | Console | Root/VFS/ProgramFilesX86/Fiddler2/Tools/dwebp.exe |
| AnyCPU | Console | Root/VFS/ProgramFilesX86/Fiddler2/Tools/PngDistill.exe |
| 32-bit  | Console | Root/VFS/ProgramFilesX86/Fiddler2/Tools/Zopfli.exe |
| 32-bit  | Win | Root/VFS/Windows/assembly/NativeImages\_v4.0.30319\_32/Fiddler/2d1596497ced7a53c2a3dca2f66750a6/Fiddler.ni.exe |

Extensions: Shortcut Detail

Information about the identified Shortcuts.

|  |  |  |
| --- | --- | --- |
| Name | IconPinned | TargetDescription |
| \Fiddler4.lnk |  | [{ProgramFilesX86}]\Fiddler2\Fiddler.exe |

Extensions: File Type Association Detail

Information about the identified FTAs.

|  |  |  |  |
| --- | --- | --- | --- |
| Ext | FriendlyNameIconDescription | IsDefaultShellCmds | CapabilitiesProgIds |
| .saz | Fiddler Session Archive | TrueOpenOpen &in Viewer | FalseFiddler.ArchiveZip |

FTA Extensions that have IsDefault set to true will take ownership of the fta upon publishing in a 'last write wins' fashion if there are FTA conflicts with other applications. Those set to false may contribute to the association, but are not the default. If Capabilities is set to true for an extension, then with Global (per machine) publishing the user may select which app is the default for the FTA using the Control Panel Default Programs.

Extensions: URL Protocol Association Detail

Information about the identified URL Handlers.

|  |  |  |
| --- | --- | --- |
| URL | FriendlyNameIconDescription | CapabilitiesShellCmds |
| None |   |   |

URL Handlers may imply browser integration, but often this is not the case.

Extensions: Browser Add-Ons Detail

Information about the identified Browser Add-ons (Extensions, Context Menu Items, Explorer Bars, and Browser Helper Objects).

Browser Extensions (Menu Items, ToolBar Icons, and Page Filters

|  |  |  |
| --- | --- | --- |
| Name | InternalBasisIsx64 | Details |
| {CF819DA3-9882-4944-ADF5-6EF17ECF3C6E} | HKLMFalse | Adds item to Tool Menu: YES, Text="Fiddler"Adds icon to Tool Toolbar: YES, ButtonText="Fiddler"Code behind executes cmd: "[{ProgramFilesX86}]\Fiddler2\Fiddler.exe"This extension plugs into std IE 'Tool' Toolbar Component: {1FBA04EE-3024-11D2-8F1F-0000F87ABD16}This extension plugs into IE Component: {1FBA04EE-3024-11D2-8F1F-0000F87ABD16} |

Browser Extensions that are HKLM based should be published globally to prevent double exposure; similarly HKCU based should be published to Users.

Browser Context Menus.

|  |  |  |
| --- | --- | --- |
| Name | InternalBasisIsx64 | Details |
| 0 |   | TODO: Write more code here. |

Browser Context Menus are invoked by right-clicking on a web-page, similar to a shell extension context menu.

Browser Explorer Bars.

|  |  |  |
| --- | --- | --- |
| Name | InternalBasisIsx64 | Details |
| None |   |  |

Browser Explorer Bars are horizontal or vertical bands placed inside the document window. These are not externally published and are not subject to JitV.

Extensions: ActiveX Detail

Information about the identified ActiveX components.

|  |  |  |
| --- | --- | --- |
| ID | Bit | Details |
| None |   |   |

ActiveX may integrate with explorer or iexplorer.

Extensions: Shell Extension modules detail

Information about the detected Shell Extension modules used by explorer.exe.

|  |  |
| --- | --- |
| Module | Details |
| None |  |

Extensions: COM Objects Detail

Information about the COM objects in the package.

|  |  |
| --- | --- |
| Object | Details |
| None |  |

Extensions: Application Capabilities Detail

Information about the FTAs listed in Application Capabilities

|  |  |
| --- | --- |
| Ext | IsWow |
| None |  |

Information about the URLs listed in Application Capabilities

|  |  |
| --- | --- |
| Scheme | IsWow |
| None |  |

Information about the Mime Associations listed in Application Capabilities

|  |  |
| --- | --- |
| Mime Type | IsWow |
| None |  |

Extensions: App Paths Detail

Information about the AppPaths listed in the package.

AppPaths affect explorer search for programs, such as in the start/run box or Windows 8+ start screen.

When an AppPath has Search Path list, the list is pre-pended to the path search list when the app is running.

|  |  |
| --- | --- |
| Program | Details |
| Fiddler.exe | Program: "[{ProgramFilesX86}]\Fiddler2\Fiddler.exe" |
| Fiddler2.exe | Program: "[{ProgramFilesX86}]\Fiddler2\Fiddler.exe" |

Extensions: Software Clients Detail

Information about the Software Client Registrations in the package.

SoftwareClients replace certain OS supplied functionality.

|  |  |
| --- | --- |
| Type | Details |
| None |  |

Extensions: Side By Side modules detail

Information about the detected SxS modules that will be natively deployed upon publishing.

|  |  |
| --- | --- |
| Sxs Group | Files |
| None |  |

Certain VC++ RunTime and Msxml files are incompatible with App-V, so the sequencer will detect these and deploy them natively to the client machine when the package is published. This will slow down publishing (even when already present), and may create a security risk.

Use this link to map version strings above to installers for [VC++ Runtimes](http://www.tmurgent.com/appv/index.php/resources/tools/167-visual-studio-runtime-versions-chart)  Use this link to map version strings above to installers for  [Msxml Runtimes](http://www.tmurgent.com/appv/index.php/resources/tools/168-msxml-runtime-versions-chart)

Extensions: Services Details

Information any Virtual Services in the package.

|  |  |  |
| --- | --- | --- |
| Category | Count | Information |
| Total | 0 | Services detected by sequencer and/or analyzer. |
| Detected | 0 | Services detected by sequencer only. |
| Ignored | 0 | Virtual Services that are ignored due to service account. |
| AutoStart | 0 | Virtual Services that will autostart with the virtual environment. |
| Manual | 0 | Virtual Services that will start if requested by the app. |
| Disabled | 0 | Virtual Services that are disabled. |

Extension: Environment Variable details

Information any environment variables in the package.

|  |  |  |
| --- | --- | --- |
| Variable | Type | Value |
| None |  |  |

Device Driver Information

Information any Drivers in the package.

Device Drivers in the package:

|  |
| --- |
| Name |
| No Device Drivers Detected |

User Mode Management Framework (UDMF) Drivers in the package:

|  |
| --- |
| Name |
| No UDMF Drivers Detected |

Printer Drivers in the package:

|  |
| --- |
| Name |
| No Print Drivers Detected |

ODBC Information

Information any ODBC keys in the package.

No ODBC detected.

|  |  |
| --- | --- |
| Index | Name |
| No ODBC detected. |  |

Dot Net Information

Information any DotNet components in the package.

|  |  |
| --- | --- |
| Category | Count |
| GAC dlls | 0 |
| GAC32 dlls | 0 |
| GAC64 dlls | 0 |
| GAC MSIL dlls | 0 |
| v2 Native dlls | 0 |
| v2 Native exes | 0 |
| v4 Native dlls | 4 |
| v4 Native exes | 1 |

Native images are compiled versions of DotNet components sometimes found in packages. These compilations occurred during or shortly after installation on the sequencer in an attempt to perform faster. When any Native Images are present in the package, they will not be used and Just-in-time DotNet compilation will be used. This implies a small performance penalty over that of the native application.

|  |  |
| --- | --- |
| Index | Filename |
| 1 | Root/VFS/Windows/assembly/NativeImages\_v4.0.30319\_32/Fiddler/2d1596497ced7a53c2a3dca2f66750a6/Fiddler.ni.exe |
| 2 | Root/VFS/Windows/assembly/NativeImages\_v4.0.30319\_32/Xceed.Zip.v5.4/9cfdd3ca03292a96a298fbeee800ed93/Xceed.Zip.v5.4.ni.dll |
| 3 | Root/VFS/Windows/assembly/NativeImages\_v4.0.30319\_32/Xceed.FileSystem.v5%23/7645421669f5e0f1055db3af552dc93c/Xceed.FileSystem.v5.4.ni.dll |
| 4 | Root/VFS/Windows/assembly/NativeImages\_v4.0.30319\_32/Xceed.Compression.v%23/3a41e13d9c9000fcc0f2fe9200b4735b/Xceed.Compression.v5.4.ni.dll |
| 5 | Root/VFS/Windows/assembly/NativeImages\_v4.0.30319\_32/Xceed.Compression.F%23/f0bd3ed6dd73db6fe8718a5249017028/Xceed.Compression.Formats.v5.4.ni.dll |

Office Plug-in Information

Information any Office Plug-ins contained in the package.

|  |  |  |
| --- | --- | --- |
| Office App | Count | Is Override? |
| Word | 0 | -- -- -- -- |
| Excel | 0 | -- -- -- -- |
| PowerPoint | 0 | -- -- -- -- |
| InfoPath | 0 | -- -- -- -- |
| Outlook | 0 | -- -- -- -- |
| Visio | 0 | -- -- -- -- |
| Project | 0 | -- -- -- -- |

The Override column displays the four possible locations of override folders in the order HKLM-32bit, HKLM-64bit, HKCU-32bit, HKCU-64bit. Dashes indicate no folder present, 'ML' indicates the folder is present with the 'Merge With Local' property, and 'OL' indicates that the folder is present with the 'Override Local' property.

If any Office Plug-ins are listed with the Override set, the package will cause any locally installed plug-ins to be hidden.

Potential Issues Summary Page

Summary of potential package issues for this package.

Primary issues in the package.

|  |
| --- |
| Issue |
| None. |

Primary warnings in the package.

|  |
| --- |
| Warning |
| Package contains at least one Browser ToolBand Extension for COM-less Scripts and Exec processes are only visible internally. |
| Package contains at least one Browser Extension using an Override key "Software\Microsoft\Internet Explorer\Extensions". This will hide any locally installed browser extensions and possibly in other packages in connection group. |
| Package contains at least one .Net "Native Image" file. This will be ignored and the original dll/exe will be Jit compiled each time, resulting is slightly less performance than natively installed. |

Other important information about the package.

|  |
| --- |
| Item |
| None. |

Common Application Integrations.

|  |  |
| --- | --- |
| Common Application | Integration Present? |
| Windows Explorer | False |
| Internet Explorer | True |
| Office | False |

\_\_\_ END OF REPORT \_\_\_