

Custom MSI installer parameters

What

Starting with FileWave 15.2.0 it is now possible to add custom parameters to MSI Filesets. This includes Filesets created by MSI files, but not Filesets automatically created based on Windows software updates.

When/Why

Some MSI installers accept custom parameters that will change the way software is installed. For example, many MSI installers allow the software installation path to be defined via an additional option at runtime. Two such examples are:

Application	Instal Path
UltraEdit	TARGETDIR="<my-desired.path>"
7Zip	INSTALLDIR="<my-desired.path>"

Typically through FileWave, it may feel necessary to set a silent option, however, FileWave already ensures all MSI are silent.

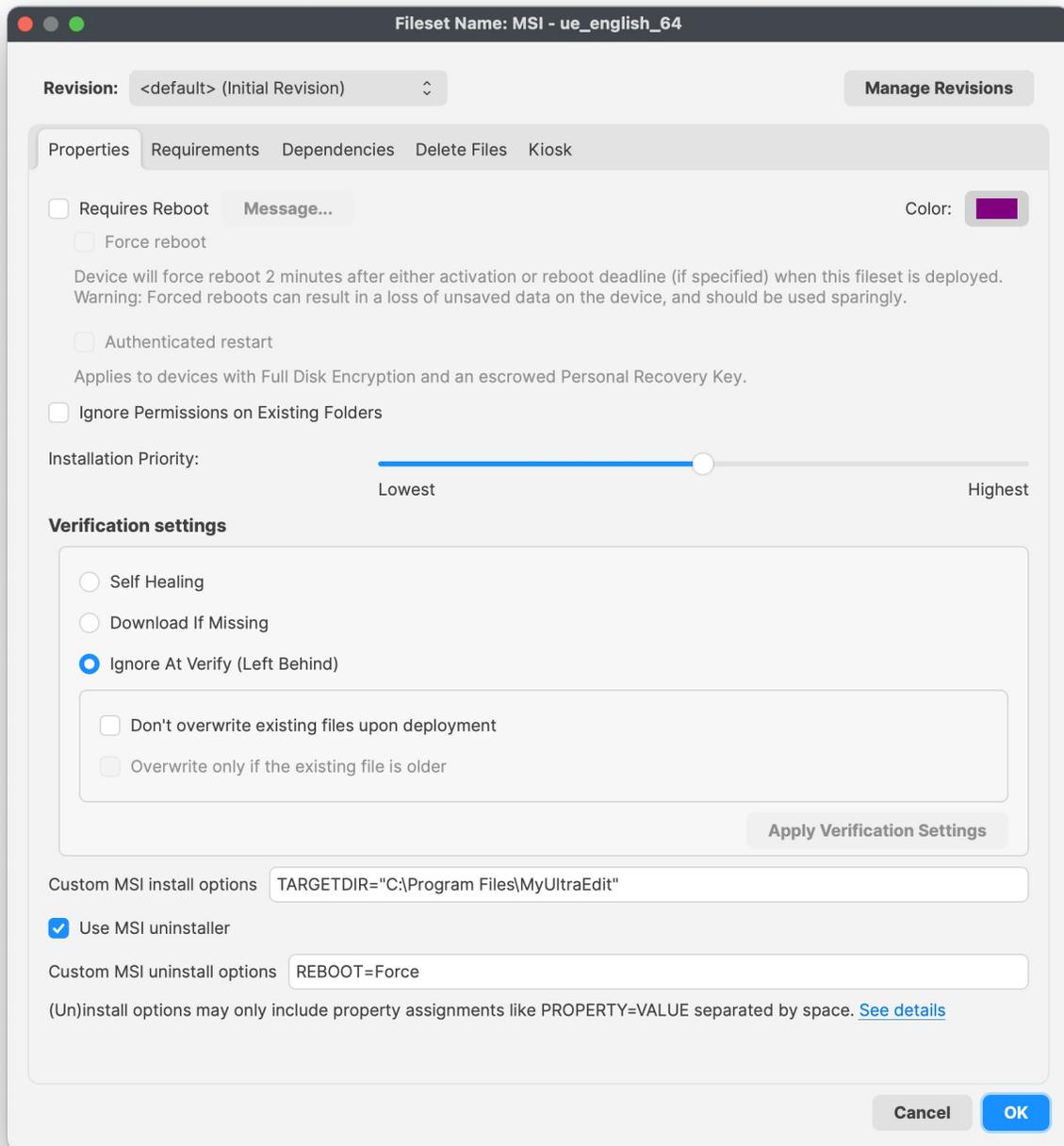
How

These MSI parameters may be set in two ways.

FileWave Central

Through the newly included Fileset property items:

- "Custom MSI install options"
- "Custom MSI uninstall options"



FileWave Anywhere

Through the newly included Payload Settings:

- "Custom MSI install options"
- "Custom MSI uninstall options"

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← MSI - ue_english_64 [✎](#)

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Settings

Reboot Settings

No Reboot

User Friendly Reboot ⓘ

Force Reboot ⓘ

Permission Settings

Ignore Permissions on existing folders

Verification Settings

Select at least one of the following options:

Keep synched (self healing)

Download only if missing

Do not verify

Do not overwrite existing files upon deployment

Overwrite only if the existing file is older

Custom MSI install options

TARGETDIR="C:\Program Files\MyUltraEdit"

Use MSI uninstaller

Custom MSI uninstall options

REBOOT=Force

(Un)installer options may only include property assignments like PROPERTY=VALUE separated by space. [Learn More](#)

Multiple Options

Multiple options may be specified at the same time and should be separated by spaces.

- i For example, to instal TeamViewer Host with multiple properties, this could be achieved with the following:
`SETTINGSFILE="YOURPATH\yourfilename.tvopt" APITOKEN=xxxxxx CUSTOMCONFIGID=xxxxxx`

Parameters

Parameters may be used to define options, including Custom Fields.

Example

For TeamViewer Host, it may be desirable to hide the APITOKEN, but it needs to be supplied to the MSI at installation runtime. As such, a Custom Field could be used to define the value for the APITOKEN.

Field Details

Name

TeamViewer API Token

Internal Name

Using internal name the field can be referenced in other parts of FileWave

teamviewer_api_token

Description

Provided By

Defines how the field value shall be populated

Administrator

Assigned to all devices

Values

Data Type

String

Restrict allowed values

123456789

The Custom MSI Instal Options could then be:

```
APITOKEN=%teamviewer_api_token%
```

Note though, parameters may only include properties e.g. SETTINGSFILE, APITOKEN,CUSTOMCONFIGD

 The Custom MSI settings may be used to define settings that start with a leading / or special parameters, e.g. ALLUSERS. However, when using Parameters, options specified with a leading / or special parameters like ALLUSERS, will automatically be removed from the options to prevent seemingly hidden settings which could, for example, force a reboot.

 In both FileWave Central and Anywhere there are also "Learn More" links directing to this page.

Information

Option definitions:

Custom MSI install options	Options passed to the MSI during Fileset Activation
Custom MSI uninstall options	Options passed to the MSI when the Fileset is disassociated. Requires 'Use MSI Uninstaller' to be enabled and that the MSI uninstaller supports this option. (Firefox is an example of an MSI that does not support this feature)

Related Content

- [7zip \(Windows MSI\) - Using a custom parameter to install 7zip on Windows](#)

🔄Revision #11

★Created 14 September 2023 14:47:50 by Michael Völkel

✍Updated 27 November 2023 18:43:05 by Josh Levitsky