

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"

Fileset Name: MSI - ue_english_64

Revision: <default> (Initial Revision)
Manage Revisions

Properties
Requirements
Dependencies
Delete Files
Kiosk

☐ Requires Reboot

Message...

Color:

☐ Force reboot

Device will force reboot 2 minutes after either activation or reboot deadline (if specified) when this fileset is deployed.
Warning: Forced reboots can result in a loss of unsaved data on the device, and should be used sparingly.

☐ Authenticated restart

Applies to devices with Full Disk Encryption and an escrowed Personal Recovery Key.

☐ Ignore Permissions on Existing Folders

Installation Priority:

Lowest
Highest

Verification settings

☐ Self Healing
☐ Download If Missing
☒ Ignore At Verify (Left Behind)

☐ Don't overwrite existing files upon deployment
☐ Overwrite only if the existing file is older

Apply Verification Settings

Custom MSI install options

TARGETDIR="C:\Program Files\MyUltraEdit"

☒ Use MSI uninstaller

Custom MSI uninstall options

REBOOT=Force

(Un)install options may only include property assignments like PROPERTY=VALUE separated by space. [See details](#)

Cancel
OK

FileWave Anywhere

Through the newly included Payload Settings:

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

FileWave Anywhere

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← MSI MSI - ue_english_64 ✎

Go to Dashboard

Devices

Payloads

Imaging

Software Updates

Deployments

Associations

Sources

Reports

Licenses

15.2.0-d45f927ae7

Payload Info

Payload Settings

Devices

Platform Requirements

Dependencies

Scripts

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.

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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

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