

Installationsparameter des Outlook Add-In 4.1

The installer for the Outlook Addin 4.1 has been written in WixSharp.

The following parameters can be set:

Parameter Name	Version	Valid Input	Effect	Notes
ALLUSERS	4.1.0	"" or "1"	"": User scope install, default "1": Per machine install	Is ignored when upgrading, as a upgrade is only possible when keeping the user scope.
INSTALLDIR	4.1.0	"" or valid path	"": will be installed to default location ("C:\Program Files\FTAPI\FTAPI Outlook AddIn") "PATH": will be installed to specified PATH	Is ignored when upgrading, as the installer gets the old install location
USEFTAPI	4.1.0	"" or "Y"	"": DefaultAlwaysSendWithFTAPI RegKey will not be set "Y": DefaultAlwaysSendWithFTAPI RegKey will be set to 1	Always send with FTAPI when using the "Send button" in Outlook instead of the normal Outlook send.
SAVEUSERDATA	4.1.0	"" or "Y"	"": SaveUserData RegKey will not be set "Y": SaveUserData RegKey will be set to 1	Saves the user data when activated.
SHOWFORMATTINGWARNING	4.1.0	"" or "Y"	"": ShowFormattingWarning RegKey will not be set "Y": ShowFormattingWarning RegKey will be set to 1	Shows a warning when sending level 4 mails saying that formatting will be lost during encryption.
SECURITYCHECK	4.1.0	"" or "Y"	"": SecurityCheck RegKey will not be set "Y": SecurityCheck RegKey will be set to 1	Warns the user if he clicks the normal Outlook "Send button" and asks if he wants to send with FTAPI. If USEFTAPI is specified, this setting will be ignored.
NOAUTOLOGIN	4.1.0	"" or "Y"	"": AutoLogin RegKey will be set to 1 "Y": AutoLogin RegKey will be set to 0	When specified, auto login will not be set.
LOCKSETTINGS	4.1.0	"" or "Y"	"": DisableUserSettings RegKey will not be set "Y": DisableUserSettings RegKey will be set to 1	Disables the settings form for the user, the user can't change any settings.
SHOWFTAPIATTACHBUTTON	4.1.0	"" or "N"	"": ShowFTAPIAttachButton RegKey will be set "N": ShowFTAPIAttachButton RegKey will be set to 0	By default the FTAPI Attach button is shown.
SECURITYLEVEL	4.1.0	Integer level value or ""	"": SecurityLevel RegKey will not be set "INTVALUE": SecurityLevel RegKey will be set to INTVALUE	Defines the default security level that is being used.
DEFAULTEXPIRATIONPERIOD	4.1.0	Integer level value or ""	"": DefaultExpirationPeriod RegKey will not be set "INTVALUE": DefaultExpirationPeriod RegKey will be set to INTVALUE	Defines the default expiration period of a mail that is being sent.
ATTACHSIZE	4.1.0	Integer level value or ""	"": DefaultAttachmentSizeLimit RegKey will not be set "INTVALUE": DefaultAttachmentSizeLimit RegKey will be set to INTVALUE	Defines the size of the attached files at which FTAPI will automatically be used to send mails. If USEFTAPI is specified, this setting will be ignored.
SERVER	4.1.0	"" or valid domain, e.g. "test.com"	"": DefaultServerURL RegKey will not be set "VALIDDOMAIN": DefaultServerURL RegKey will be set to VALIDDOMAIN	Defines the default server that the user will be logged in to.

RECIPIENTS EXCLUDED DOMAINS	4.1.0	"" or Valid mail domain, e.g. "test.com" or valid domains e.g. "@test.com; @test1337.de"	"": RecipientsExcludedDomains RegKey will not be set "VALIDDOMAINS": RecipientsExcludedDomains RegKey will be set to VALIDDOMAINS	FTAPI is not used when sending a mail to the specified recipient domain.
DOMAINS	4.1.0	"" or Valid mail domain, e.g. "@test.com" or valid domains e.g. "@test.com; @test1337.de"	"": RecipientsSpecificDomains RegKey will not be set "VALIDMAILDOMAINS": RecipientsSpecificDomains RegKey will be set to VALIDMAILDOMAINS	FTAPI is automatically used when sending a mail to the specified recipient domain. If USEFTAPI is specified, this setting will be ignored.
SELECTED LANGUAGE	4.1.0	"" or valid CultureInfo. Name e.g. "en-US" or "de-DE"	"" SelectedLanguage RegKey will not be set "SELECTEDLANGUAGE". SelectedLanguage RegKey will be set to specified STRINGVALUE	The Culture of the FTAPI Add-In (and all its text) is set to the specified language (if supported). This decides the language of the text displayed Add-In and the initially selected Default Download Button Language.
DEFAULT DOWNLOAD BUTTON LANGUAGE	4.1.0	"" or valid CultureInfo. Name e.g. "en-US" or "de-DE"	"" DefaultDownloadButtonLanguage will not be set "DEFAULTDOWNLOADBUTTONLANGUAGE". DefaultDownloadButtonLanguage RegKey will be set to specified STRINGVALUE	The default language of the Inserted "Download" button for is set to the specified language (if supported). This decides the default language of the Download Button, Attachments and Encryption text sent with FTAPI Emails.
DEFAULT DOWNLOAD BUTTON LOCATION	4.1.0	"" or "Top", "Middle" or "Bottom"	"" DefaultDownloadButtonLocation RegKey will not be set (The Outlook Add-in will default to "Middle" in user config upon first launch). DefaultDownloadButtonLocation RegKey will be set to specified STRINGVALUE.	The "Middle" setting will try to insert the Download Button (if not manually inserted by the user) above the Signature or at the end of Reply or Forward composition. This code can be slow for some Outlook users so "Top" and "Bottom" can also set instead to insert the Download button at those positions in the email respectively.
DEFAULT DOWNLOAD DIRECTORY	4.1.0	"" or a valid writable directory on the installation computer	"" DefaultDownloadDirectory RegKey will not be set (The Outlook Add-in will default to using the users "C:\users\[USER NAME]\Downloads" directory) "DEFAULTDOWNLOADDIRECTORY". DefaultDownloadDirectory RegKey will be set to specified STRINGVALUE.	
ENABLE SSO	4.1.0	"" or "Y"	"" EnableSSO RegKey will not be set. "Y": EnableSSO RegKey will be set to 1	When set to yes, the Outlook add-in will attempt to connect using the users Windows credentials to log into the FTAPI Server.
HIDE INSERT DOWNLOAD BUTTON	4.1.0	"" or "Y"	"" HideInsertDownloadButton will not be set "Y" HideInsertDownloadButton will be set to 1	If set the user will not be able to see the "Download button" (that allows them to manually place the Download Link) in the UI. The Download Button will be inserted automatically using the DefaultDownloadButtonLocation setting.
ARCHIVE UPLOADED ATTACHMENT MAX SIZE MB	4.1.0	Integer level value or ""	"": ArchiveUploadedAttachmentMaxSizeMB RegKey will not be set "INTVALUE": ArchiveUploadedAttachmentMaxSizeMB RegKey will be set to INTVALUE	When set to a value of 1 (MB) or greater, any attachments sent via FTAPI whose total size is less than that set value will be reattached unencrypted to the Sent Mail for Archiving purposes. E.g. If you set this value to "5" (MB) and you send two attachments via an FTAPI Mail of sizes 3 MB and 1 MB, after the FTAPI email has been sent, those attachments will be reattached to the sent mail in your Sent Mail folder.
ARCHIVEDOWNLOADED ATTACHMENT MAX SIZE MB	4.1.0	Integer level value or ""	"": ArchiveDownloadedAttachmentMaxSizeMB RegKey will not be set "INTVALUE": ArchiveDownloadedAttachmentMaxSizeMB RegKey will be set to INTVALUE	When set to a value of 1 (MB) or greater, any attachments downloaded using "Download" in the Ribbon bar for Sent Mails, whose total size is less than that set value, will be attached unencrypted to the Received Mail for Archiving purposes. E.g. If you set this value to "5" (MB) and you download an FTAPI Mail Attachment of 4 MB, those download attachment/attachments will be attached to that Received Mail in your inbox.

REQUESTTIMEOUTSECS	4.1.0	Integer level value or ""	"": RequestTimeoutSecs RegKey will not be set "INTVALUE": RequestTimeoutSecs RegKey will be set to INTVALUE	If not set, each Http Request the Outlook Add-in makes will be set to timeout using the .Net default of 100 seconds. You ONLY need to set this value to something higher if you are on a particularly slow connection and are finding that you are getting "TaskCancelled" exceptions when Uploading or Downloading via the FTAPI Outlook Add-in.
UNENCRYPTEDSEGMENTSIZEBYTES	4.1.3	Integer value or ""	"": UnencryptedSegmentSizeBytes will not be set "INTVALUE": UnencryptedSegmentSizeBytes RegKey will be set to INTVALUE	If not set Level 1 and 2 attachments will be uploaded in the default 25MB segments.
ENCRYPTEDSEGMENTSIZEBYTES	4.1.3	Integer value or ""	"": EncryptedSegmentSizeBytes will not be set "INTVALUE": EncryptedSegmentSizeBytes RegKey will be set to INTVALUE	If not set Level 3 and 4 attachments will be uploaded in the default 25MB segments.

"" equals not set at all.

Parameters which are not valid will result in the Installation to be aborted. This will be logged in the MSI installation log, i.e.:

**RECIPIENTSEXCLUDEDDOMAINS Property was set wrong. Please refer to the manual. Not a valid domain or mail. Canceling Install!
CustomAction ValidateParameters returned actual error code 1603 (note this may not be 100% accurate if translation happened inside sandbox)**

will appear **NEAR** the bottom of the install log.

The following default MSI parameters have been tested:

Parameter Name	Example in command prompt	Use	Notes
/q	Installer.msi /q	performs a silent install	Dependencies will NOT be installed due to MSI restrictions

The following registry keys (leave alone the parameters registry keys as described above):

When user installation, HKEY_CURRENT_USER is being used.

When computer installation, HKEY_LOCAL_MACHINE is being used.

The parameter reg keys are being created in SOFTWARE\FTAPI\Outlook Plug-in

In 64-Bit Computers both keys will be created, in WOW6432Node (32bit-registry) and the normal one.

Registry Key	Value	Condition
SOFTWARE\Microsoft\Office\Outlook\Addins\FTAPI Outlook Add-In\Description	"FTAPI Outlook Add-In"	always
SOFTWARE\Microsoft\Office\Outlook\Addins\FTAPI Outlook Add-In\FriendlyName	"FTAPI Outlook Add-In"	always
SOFTWARE\Microsoft\Office\Outlook\Addins\FTAPI Outlook Add-In\LoadBehavior	3 for custom values, see https://msdn.microsoft.com/de-de/library/bb386106.aspx#LoadBehavior	always
SOFTWARE\Microsoft\Office\Outlook\Addins\FTAPI Outlook Add-In\Manifest	"[INSTALLDIR]FTAPIOutlookAddin2013.vsto vstolocal"	always
SOFTWARE\FTAPI\InstallInfo\INSTALLDIR	Path of install	always

Upgrade behavior

When you are upgrading and no parameters are specified, the installer keeps the old settings.

When you are upgrading and parameters are set, the old config file will be deleted and the new settings will be applied.

Installing to network shares

When selecting a UNC Address (e.g. \\server\share) as installation path, make sure the share is being trusted by the administrator else the add-in is not going to launch and an entry in the Windows Event Viewer from "VSTO 4.0" will be generated.

See <https://msdn.microsoft.com/en-US/library/bb772087.aspx> for further information and <https://support.office.com/en-us/article/add-remove-or-change-a-trusted-location-7ee1cdc2-483e-4cbb-bcb3-4e7c67147fb4?ocmsassetID=HA010031999&CorrelationId=83b2fc04-4f05-4354-9879-6fcca99535c8&ui=en-US&rs=en-US&ad=US> on support on how to add your share/network drive to the trusted sites.

Basic example

Command	Effects
Installer.msi SERVER="test.com" ALLUSERS="1" USEFTAPI="Y" ATTACHSIZE="42" /q	Quiet install with the specified parameters

Creation of Transform files (.mst)

1. In order to create transform files you may use SuperOrca (http://www.pantaray.com/msi_super_orca.html).
2. Install SuperOrca and open it.
3. Create a copy of the .msi installer with a different name, e.g. "FTAPIOutlookAddInInstallerSmall_de-DE-MODIFIED.msi", so that you have the same installer twice in the same folder
4. Open up the Modified .msi in SuperOrca by going to FileOpen
5. Navigate to "Property" on the left side
6. Do a right click on the big field where the properties are listed and click "Add Row..."

The screenshot shows the SuperOrca application window with the 'Property' table selected. The table has two columns: 'Property (s72)' and 'Value (0)'. The 'Add Row...' option in the context menu is circled in red.

Property (s72)	Value (0)
ARPCONTACT	FTAPI GmbH
ARPPRODUCTICON	app_icon.ico
ARPURLINFOABOUT	https://ftapi.com
FTAPIProductName	FTAPI Outlook Add-In
Manufacturer	FTAPI
ProductCode	{9886F4CA-0686-4768-933C-486A5D4235C1}
ProductLanguage	1033
ProductName	FTAPI Outlook Add-In
ProductVersion	4.0.2.505
SecureCur	..._DETECTED;WIX_UPGRADE_DETECTED
UAC_REVI	
UpgradeC	4768-933C-486A5D4214C7}
WixSharp	ersion=4.0.2.0, Culture=neutral, PublicKey'
WixSharp	ersion=4.0.2.0, Culture=neutral, PublicKey'
WixSharp	ion=1.6.2.0, Culture=neutral, PublicKeyTok
WixSharp	ersion=4.0.2.0, Culture=neutral, PublicKey'
WixSharp	ersion=4.0.2.0, Culture=neutral, PublicKey'
WixSharp	ersion=4.0.2.0, Culture=neutral, PublicKey'

- 7.
8. Enter the Property name that you want to specify and its corresponding value.
See the possible property names and values in the table on the top. It could look like this:

14. For the Modified MSI file, select the copied MSI.

Transform Two Files

Files

Base MSI File

C:\Users\Oliver Layer\Desktop\Transform\FTAPIOutlookAddInInstallerSmall_de-DE.msi

Modified MSI File

C:\Users\Oliver Layer\Desktop\Transform\FTAPIOutlookAddInInstallerSmall_de-DE-MODIFIED.m

Suppress Errors

When applying this transform, ignore the following failures:

Add Existing Row Delete Missing Table

Delete Missing Row Modify Missing Row

Add Existing Table Change Codepage

Validate

Before applying this transform, verify that the database meets the following conditions:

Same Language

Same Product Code

Same Upgrade Code

Validate Product Version

Before applying this transform, verify that the database meets the following conditions:

Applied version < Base version

Applied version <= Base version

Applied version = Base version

Applied version >= Base version

Applied version > Base version

Consider

Major Version #

Major and Minor Versions #.#

Major, Minor and Upgrade Versions #.#.#

Create Transform

Close

15. Hit "Create Transform" and select the location on where you want to save the transform to

16. You have successfully created your transform!