

PowerShell App Deployment Toolkit (PSAppDeployToolkit)

Execute-MSI is a function used for installing, uninstalling, patching, repairing, or performing active setup on MSI and MSP files, or using MSI product codes.

Main Commands

Installation:

Execute-MSI: This cmdlet is used to execute MSI files. Used to install **.msi** packages.

Execute-MSI -Action Install -Path "C:\path\to\app.msi"

Parameter

/qn : for silent installation,

/norestart : to prevent a system restart,

/L*v : for verbose logging

Uninstallation:

Basic Usage: Set -Action to "Uninstall" and provide the path to the MSI file (or its product code)

Execute-MSI -Action Uninstall -Path "C:\path\to\app.msi"

Other related commands:

- Get-RunningProcesses: Checks for running processes that might need to be closed before an installation or uninstallation.
- Show-WelcomePrompt: Displays a welcome prompt to the user.
- Remove-MSIApplications: Removes specified MSI applications.
- Unblock-ADTAppExecution: Unblocks the execution of an application that was blocked.

ALL COMMANDS

Execute-MSI -Action 'Install' -Path 'Adobe_FlashPlayer_11.2.202.233_x64_EN.msi'

Execute-MSI -Action 'Install' -Path 'Adobe_FlashPlayer_11.2.202.233_x64_EN.msi'

-Transform 'Adobe_FlashPlayer_11.2.202.233_x64_EN_01.mst' -Parameters '/QN'

Execute-MSI -Action 'Uninstall' -Path '{26923b43-4d38-484f-9b9e-de460746276c}'

Execute-MSI -Action 'Patch' -Path 'Adobe_Reader_11.0.3_EN.msp'

Execute-MSI -Action 'Patch' -Path 'Adobe_Reader_11.0.3_EN.msp'

Execute-MSI -Action Install -Path \$AppMSIName -SkipMSIAlreadyInstalledCheck

-ContinueOnError \$False -LogName "\${AppMSIName}_MSI"

Execute process:

```
Execute-Process -Path 'uninstall_flash_player_64bit.exe' -Parameters '/uninstall'
-WindowStyle 'Hidden'
Execute-Process -Path "$dirFiles\Bin\setup.exe" -Parameters '/S' -WindowStyle 'Hidden'
Execute-Process -Path 'setup.exe' -Parameters '/S' -IgnoreExitCodes '1,2'
Execute-Process -Path 'setup.exe' -Parameters "-s
-f2`"$configToolkitLogDir$installName.log`""
Execute-Process -Path 'setup.exe' -Parameters "/s /v`"ALLUSERS=1 /qn /L*
`"$configToolkitLogDir$installName.log`"""
```

ExecuteMSP:

```
Execute-MSP -Path 'Adobe_Reader_11.0.3_EN.msp'
Execute-MSP -Path 'AcroRdr2017Upd1701130143_MUI.msp' -AddParameters
'ALLUSERS=1'
```

copyPath:

```
Copy-File -Path "$dirSupportFiles\*.*)" -Destination "$envTemp\tempfiles"
Copy-File -Path "$dirSupportFiles\MyApp.ini" -Destination "$envWinDir\MyApp.ini"
```

```
Execute -Msp
Execute-MSP -Path 'Adobe_Reader_11.0.3_EN.msp'
```

Install-Msupdate

```
Install-MSUpdates -Directory "$dirFiles\MSUpdates"
```

Create a Set-ActiveSetup

```
Set-ActiveSetup -StubExePath 'C:\Users\Public\Company\ProgramUserConfig.vbs'
-Arguments '/Silent' -Description 'Program User Config' -Key 'ProgramUserConfig'
-Locale 'en'
```

```
Set-ActiveSetup -StubExePath "$envWinDir\regedit.exe" -Arguments "/S
`"%SystemDrive%\Program Files (x86)\PS App Deploy\PSAppDeployHKCUSettings.reg`""
-Description 'PS App Deploy Config' -Key 'PS_App_Deploy_Config' -ContinueOnError
$true
```

All commands: Execute-MSI -Action 'Install' -Path

```
'Adobe_FlashPlayer_11.2.202.233_x64_EN.msi'
Execute-MSI -Action 'Install' -Path 'Adobe_FlashPlayer_11.2.202.233_x64_EN.msi'
-Transform 'Adobe_FlashPlayer_11.2.202.233_x64_EN_01.mst' -Parameters '/QN'
Execute-MSI -Action 'Uninstall' -Path '{26923b43-4d38-484f-9b9e-de460746276c}'
Execute-MSI -Action 'Patch' -Path 'Adobe_Reader_11.0.3_EN.msp'
```

```
Execute-MSI -Action 'Patch' -Path 'Adobe_Reader_11.0.3_EN.msp'  
Execute-MSI -Action Install -Path $AppMSIName -SkipMSIAlreadyInstalledCheck  
-ContinueOnError $False -LogName "${AppMSIName}_MSI"
```

```
Execute-MSI -Action 'Install' -Path 'Adobe_FlashPlayer_11.2.202.233_x64_EN.msi'
Execute-MSI -Action 'Install' -Path 'Adobe_FlashPlayer_11.2.202.233_x64_EN.msi'
-Transform 'Adobe_FlashPlayer_11.2.202.233_x64_EN_01.mst' -Parameters '/QN'
Execute-MSI -Action 'Uninstall' -Path '{26923b43-4d38-484f-9b9e-de460746276c}'
Execute-MSI -Action 'Patch' -Path 'Adobe_Reader_11.0.3_EN.msp'
Execute-MSI -Action 'Patch' -Path 'Adobe_Reader_11.0.3_EN.msp'
Execute-MSI -Action Install -Path $AppMSIName -SkipMSIAlreadyInstalledCheck
-ContinueOnError $False -LogName "${AppMSIName}_MSI"
```

Execute process:

```
Execute-Process -Path 'uninstall_flash_player_64bit.exe' -Parameters '/uninstall'  
-WindowStyle 'Hidden'  
Execute-Process -Path "$dirFiles\Bin\setup.exe" -Parameters '/S' -WindowStyle 'Hidden'  
Execute-Process -Path 'setup.exe' -Parameters '/S' -IgnoreExitCodes '1,2'  
Execute-Process -Path 'setup.exe' -Parameters "-s  
-f2 ""$configToolkitLogDir\$installName.log`"""  
Execute-Process -Path 'setup.exe' -Parameters "/s /v`""ALLUSERS=1 /qn /L*  
`""$configToolkitLogDir\$installName.log`""`"""
```

ExecuteMSP:

```
Execute-MSP -Path 'Adobe_Reader_11.0.3_EN.msp'  
Execute-MSP -Path 'AcroRdr2017Upd1701130143_MUI.msp' -AddParameters  
'ALLUSERS=1'
```