.NET Framework 4.0 (Microsoft)

Description
The .NET Framework is Microsoft's comprehensive and consistent programming model for building applications that have visually stunning user experiences, seamless and secure communication, and the ability to model a range of business processes.

Package – Copy to all **Notes**/**Comments** sections in SCCM during package creation.
Free software license.

Source file location (share or weblink):
http://www.microsoft.com/en-us/download/details.aspx?id=17718

Copy source files to Software Vault share location:
\\server\share\Sources\Software Vault\DotNet4.0

Import *dotNetFx40_Full_x86_x64.exe* into SCCM Applications as a *Script Installer*.

Installation program:
"dotNetFx40_Full_x86_x64.exe" /q /norestart

Uninstall program:
Powershell.exe –executionpolicy bypass –file "DotNetFramework40_Uninstall.ps1"

Detection Method:
MSI Product Code: {F5B09CFD-F0B2-36AF-8DF4-1DF6B63FC7B4}

User Experience:
Installation behavior: Install for system
Logon requirement: Whether or not a user is logged on
Installation program visibility: Hidden
Enforce specific behavior: No specific action

Dependencies: (list redistributables, runtime, etc,. available for install with SCCM)
None

Notes

Microsoft .NET Framework 4 Client Profile
GUID: {F5B09CFD-F0B2-36AF-8DF4-1DF6B63FC7B4} (64-bit)

Registry key:
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{F5B09CFD-F0B2-36AF-8DF4-1DF6B63FC7B4}

UninstallString: MsiExec.exe /X{F5B09CFD-F0B2-36AF-8DF4-1DF6B63FC7B4}

DisplayName: Microsoft .NET Framework 4 Client Profile
DisplayVersion: 4.0.30319
Publisher: Microsoft

Microsoft .NET Framework 4 Extended
 GUID: {8E34682C-8118-31F1-BC4C-98CD9675E1C2} (64-bit)

Registry key:
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{8E34682C-8118-31F1-BC4C-98CD9675E1C2}
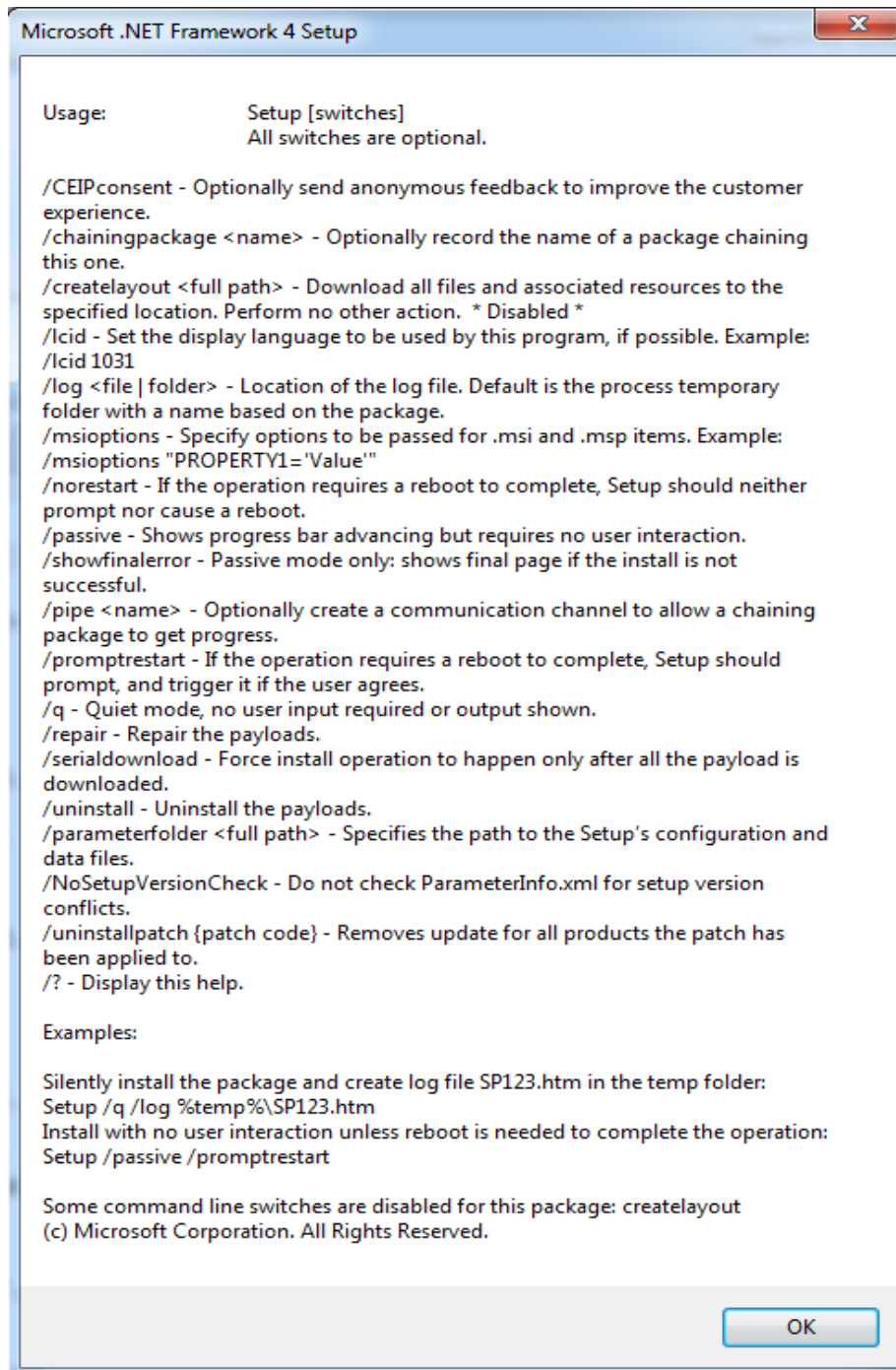
UninstallString: MsiExec.exe /X{8E34682C-8118-31F1-BC4C-98CD9675E1C2}

DisplayName: Microsoft .NET Framework 4 Extended
DisplayVersion: 4.0.30319
Publisher: Microsoft

Available installation switches:

Microsoft .NET Framework 4 Setup

Usage: Setup [switches]
                    All switches are optional.

/CEIPconsent - Optionally send anonymous feedback to improve the customer
experience.
/chainingpackage <name> - Optionally record the name of a package chaining
this one.
/createlayout <full path> - Download all files and associated resources to the
specified location. Perform no other action. * Disabled *
/lcid - Set the display language to be used by this program, if possible. Example:
/lcid 1031
/log <file | folder> - Location of the log file. Default is the process temporary
folder with a name based on the package.
/msioptions - Specify options to be passed for .msi and .msp items. Example:
/msioptions "PROPERTY1='Value'"
/norestart - If the operation requires a reboot to complete, Setup should neither
prompt nor cause a reboot.
/passive - Shows progress bar advancing but requires no user interaction.
/showfinalerror - Passive mode only: shows final page if the install is not
successful.
/pipe <name> - Optionally create a communication channel to allow a chaining
package to get progress.
/promptrestart - If the operation requires a reboot to complete, Setup should
prompt, and trigger it if the user agrees.
/q - Quiet mode, no user input required or output shown.
/repair - Repair the payloads.
/serialdownload - Force install operation to happen only after all the payload is
downloaded.
/uninstall - Uninstall the payloads.
/parameterfolder <full path> - Specifies the path to the Setup's configuration and
data files.
/NoSetupVersionCheck - Do not check ParameterInfo.xml for setup version
conflicts.
/uninstallpatch {patch code} - Removes update for all products the patch has
been applied to.
/? - Display this help.

Examples:

Silently install the package and create log file SP123.htm in the temp folder:
Setup /q /log %temp%\SP123.htm
Install with no user interaction unless reboot is needed to complete the operation:
Setup /passive /promptrestart

Some command line switches are disabled for this package: createlayout
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OK

Silent install, repair and uninstall command lines for each version of the .NET Framework
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.NET Framework 4 Full (64-bit) – silent uninstall

%windir%\Microsoft.NET\Framework64\v4.0.30319\SetupCache\Extended\setup.exe /uninstall /x86 /x64 /ia64 /parameterfolder Extended /q /norestart

%windir%\Microsoft.NET\Framework64\v4.0.30319\SetupCache\Client\setup.exe /uninstall /x86 /x64 /parameterfolder Client /q /norestart

DotNetFramework40_Uninstall

```
<#
    .SYNOPSIS
      SCCM Uninstall program for .NET Framework 4 Full (64-bit)

    .DESCRIPTION
      Removes the following components from Window 7 x64 systems:
        - Microsoft .NET Framework 4 Client Profile (64-bit)
        - Microsoft .NET Framework 4 Extended (64-bit)

    .NOTES
      FileName: DotNetFramework40_Uninstall.ps1
      Author: Jerry Senff
      Updated: 12/07/2016
      Comments: Powershell.exe -executionpolicy bypass -file
"DotNetFramework40_Uninstall.ps1"
#>

# Error file
$startLocation = Get-Location
$err=@()
$errorpath = '\ErrorLogs\DotNetFramework40.txt'  # MODIFY
$errFileLocation =  (${env:SystemDrive} + $errorpath)

$dotNet4 = "Microsoft .NET Framework 4"

# Uninstall Variables - Microsoft .NET Framework 4 Extended (64-bit)
$dotNet4Extended = 'Microsoft .NET Framework 4 Extended'
$dotNet4ExtendedUninstall = '"' + ${env:windir} +
'\Microsoft.NET\Framework64\v4.0.30319\SetupCache\Extended\setup.exe"'
$dotNet4ExtendedParams = '/uninstall /x86 /x64 /ia64 /parameterfolder Extended /q
/norestart'
$dotNet4ExtendedRegkey =
'HKLM:SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{8E34682C-8118-31F1-BC4C-
98CD9675E1C2}'

# Uninstall Variables - Microsoft .NET Framework 4 Client Profile (64-bit)
$dotNet4Client = 'Microsoft .NET Framework 4 Client Profile'
$dotNet4ClientUninstall = '"' + ${env:windir} +
'\Microsoft.NET\Framework64\v4.0.30319\SetupCache\Client\setup.exe"'
$dotNet4ClientParams = '/uninstall /x86 /x64 /parameterfolder Client /q /norestart'
$dotNet4ClientRegkey =
'HKLM:SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{F5B09CFD-F0B2-36AF-8DF4-
1DF6B63FC7B4}'

Write-Host ""
Write-Host "****************************************************************"
Write-Host ""
Write-Host "$dotNet4 Uninstall"
Write-Host ""
Write-Host "Purpose: Remove the following components:"
Write-Host "         - $dotNet4Extended"
Write-Host "         - $dotNet4Client"
Write-Host ""

# Uninstall Microsoft .NET Framework 4 Extended (64-bit)
set-location $startLocation
Write-Host "****************************************************************"
Write-Host ""
Write-Host "Checking for $dotNet4Extended installation..."
Write-Host ""

If ((Test-Path -Path $dotNet4ExtendedRegkey) -eq 'True')
{
    Write-Host "    $dotNet4Extended is installed."
    Write-Host ""
    Write-Host "Uninstalling $dotNet4Extended..."
    Write-Host ""
    Write-Host "Command:  $dotNet4ExtendedUninstall $dotNet4ExtendedParams"
    Write-Host ""
```

```powershell
    Start-Process -FilePath $dotNet4ExtendedUninstall -ArgumentList
$dotNet4ExtendedParams -ErrorVariable +err -Verb Open -Wait
    Write-Host ""
    Write-Host "    $dotNet4Extended uninstall complete."
    Write-Host ""
}
Else
{
    Write-Host "    $dotNet4Extended not installed."
    Write-Host ""
}

Start-Sleep 5

# Uninstall Microsoft .NET Framework 4 Client Profile (64-bit)
set-location $startLocation
Write-Host "************************************************************************"
Write-Host ""
Write-Host "Checking for $dotNet4Client installation..."
Write-Host ""

If ((Test-Path -Path $dotNet4ClientRegkey) -eq 'True')
{
    Write-Host "    $dotNet4Client is installed."
    Write-Host ""
    Write-Host "Uninstalling $dotNet4Client..."
    Write-Host ""
    Write-Host "Command:  $dotNet4ClientUninstall $dotNet4ClientParams"
    Write-Host ""
    Start-Process -FilePath $dotNet4ClientUninstall -ArgumentList $dotNet4ClientParams
-ErrorVariable +err -Verb Open -Wait
    Write-Host ""
    Write-Host "    $dotNet4Client uninstall complete."
    Write-Host ""
}
Else
{
    Write-Host "    $dotNet4Client not installed."
    Write-Host ""
}

Start-Sleep 5

# Indicate location of error log file
$err | Out-File $errFileLocation
Write-Host "*** Log file location = " $errFileLocation " ***"
Write-Host ""

Start-Sleep 5
```