

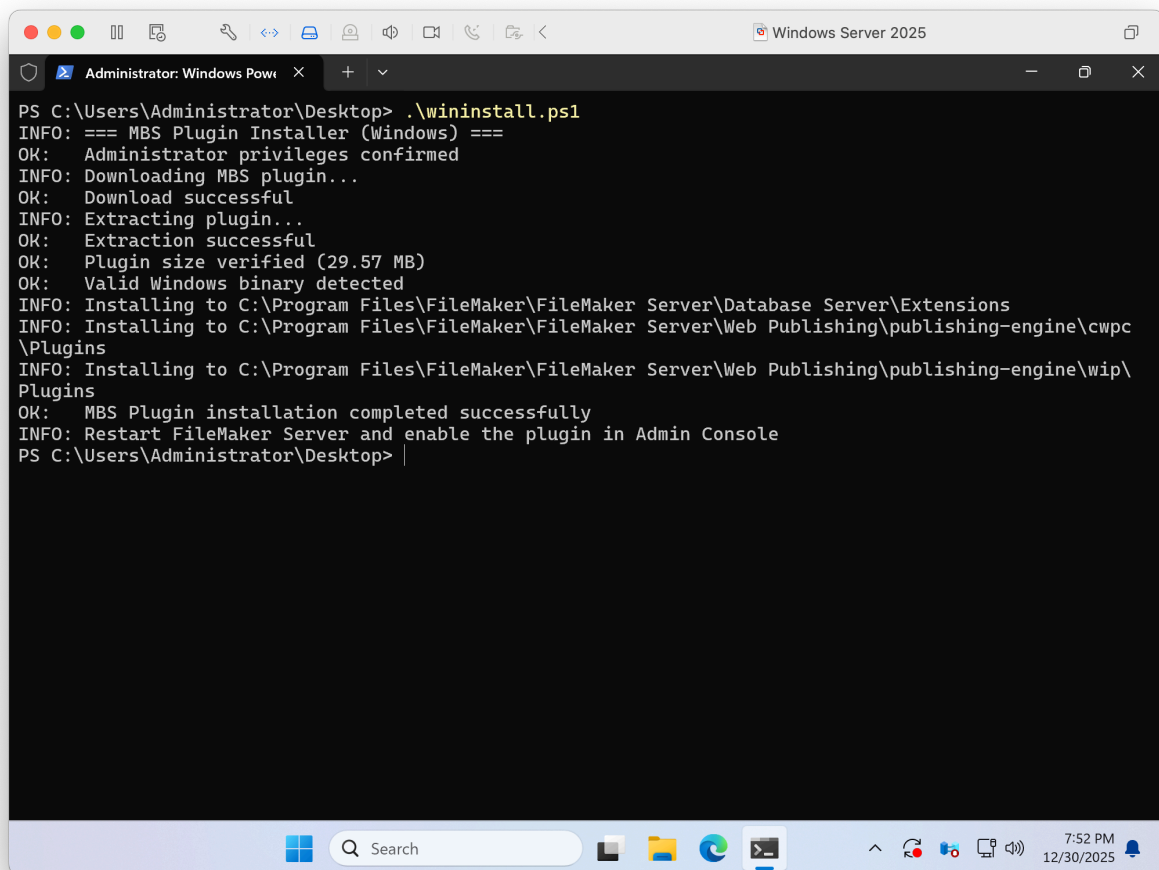
# Installation Script for MBS Plugin for FileMaker Servers with Windows

Over the last years we had various instructions to install MBS Plugin on a FileMaker Server. Today we have a new way: an installation script [wininstall.ps1](#) (and [wininstall.bat](#)).

This script downloads the MBS Plugin and install it. We put a lot of effort into making this secure and verify that the plugin is correct one. Especially we try to

- avoid installing the Windows plugin on Linux/macOS by accident,
- avoid installing the wrong plugin if we mixed them up server side,
- avoid installing a half downloaded plugin or an error page.

This script is to help Windows administrators and we may improve it based on your feedback.



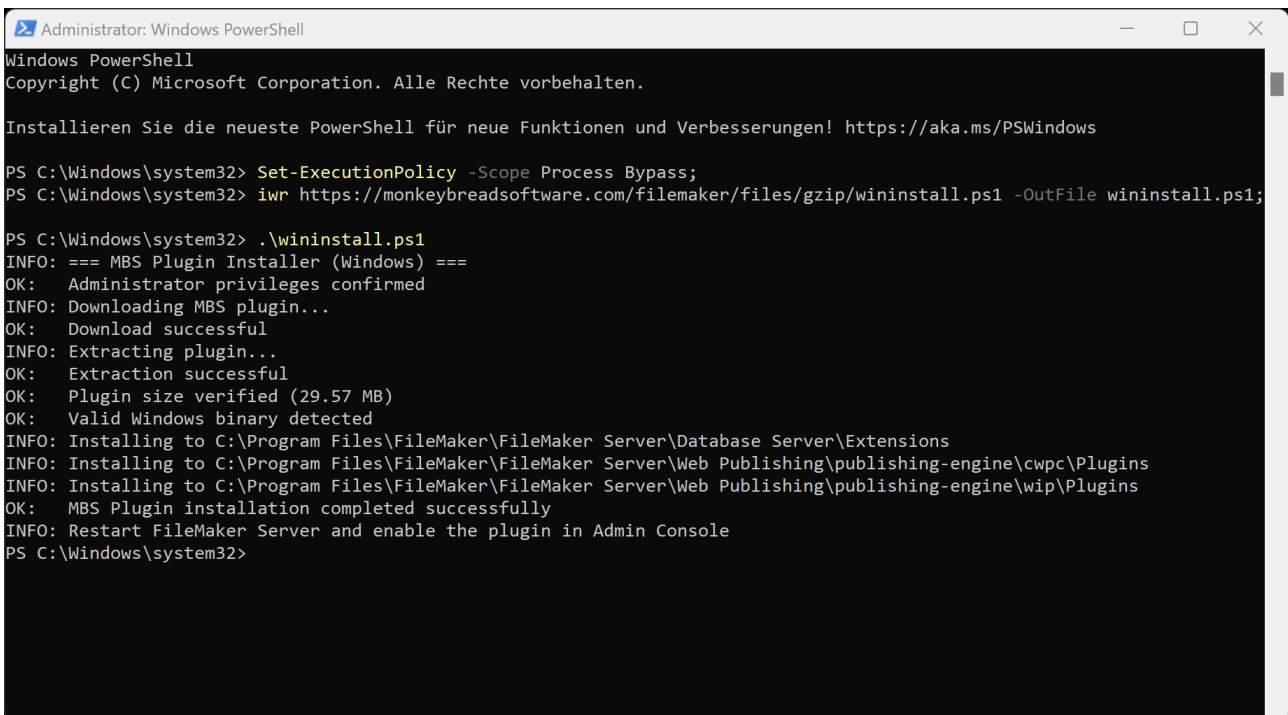
```
PS C:\Users\Administrator\Desktop> .\wininstall.ps1
INFO: === MBS Plugin Installer (Windows) ===
OK: Administrator privileges confirmed
INFO: Downloading MBS plugin...
OK: Download successful
INFO: Extracting plugin...
OK: Extraction successful
OK: Plugin size verified (29.57 MB)
OK: Valid Windows binary detected
INFO: Installing to C:\Program Files\FileMaker\FileMaker Server\Database Server\Extensions
INFO: Installing to C:\Program Files\FileMaker\FileMaker Server\Web Publishing\publishing-engine\cwpc\Plugins
INFO: Installing to C:\Program Files\FileMaker\FileMaker Server\Web Publishing\publishing-engine\wip\Plugins
OK: MBS Plugin installation completed successfully
INFO: Restart FileMaker Server and enable the plugin in Admin Console
PS C:\Users\Administrator\Desktop> |
```

## How to use

You can copy and paste these commands to the Powershell window running as Administrator:

```
Set-ExecutionPolicy -Scope Process Bypass;  
iwr https://monkeybreadsoftware.com/filemaker/files/gzip/  
wininstall.ps1 -OutFile wininstall.ps1;  
.\wininstall.ps1
```

Should work fine with being on the machine locally or remote via SSH.



```
Administrator: Windows PowerShell  
Windows PowerShell  
Copyright (C) Microsoft Corporation. Alle Rechte vorbehalten.  
  
Installieren Sie die neueste PowerShell für neue Funktionen und Verbesserungen! https://aka.ms/PSWindows  
  
PS C:\Windows\system32> Set-ExecutionPolicy -Scope Process Bypass;  
PS C:\Windows\system32> iwr https://monkeybreadsoftware.com/filemaker/files/gzip/wininstall.ps1 -OutFile wininstall.ps1;  
  
PS C:\Windows\system32> .\wininstall.ps1  
INFO: === MBS Plugin Installer (Windows) ===  
OK: Administrator privileges confirmed  
INFO: Downloading MBS plugin...  
OK: Download successful  
INFO: Extracting plugin...  
OK: Extraction successful  
OK: Plugin size verified (29.57 MB)  
OK: Valid Windows binary detected  
INFO: Installing to C:\Program Files\FileMaker\FileMaker Server\Database Server\Extensions  
INFO: Installing to C:\Program Files\FileMaker\FileMaker Server\Web Publishing\publishing-engine\cwpc\Plugins  
INFO: Installing to C:\Program Files\FileMaker\FileMaker Server\Web Publishing\publishing-engine\wip\Plugins  
OK: MBS Plugin installation completed successfully  
INFO: Restart FileMaker Server and enable the plugin in Admin Console  
PS C:\Windows\system32>
```

## What the script does

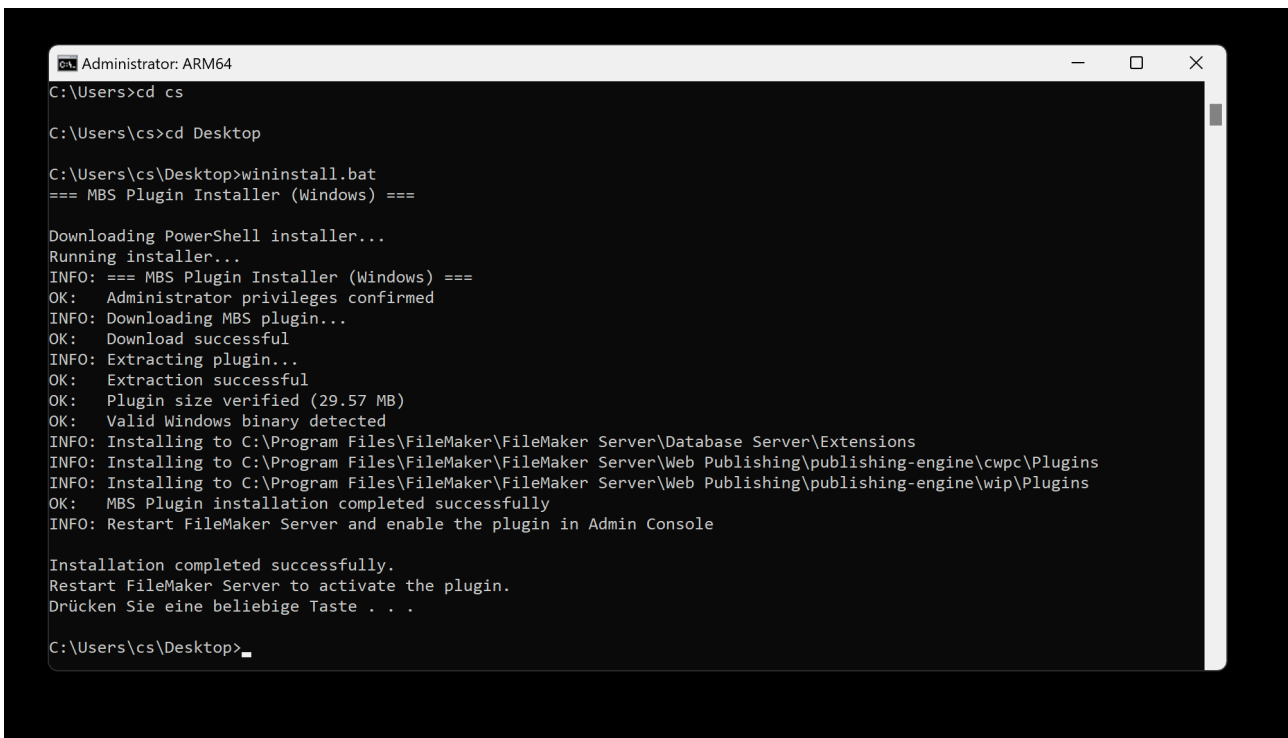
- Verifies you are running on Windows
- Downloads the correct MBS plugin securely (HTTPS)
- Verifies:
  - Download success
  - Gzip integrity
  - PE binary type
  - Minimum size (> 20 MB)
  - Code Signature
- Installs MBS.fmx into:
  - Database Server/Extensions
  - Web Publishing (cwpc) Plugins
  - Data API (wip) Plugins
- Sets safe permissions (644)

## Parameters

If you like, you can pass **--silent** to run the script silently. Or use **--no-emoji** to not output emojis if you don't like them. But we also detect if the terminal should be able to handle them and disable emojis if they may not work. Emojis need an UTF-8 capable terminal and won't work for redirects.

## Bat Version

The old command prompt can't do the same things as PowerShell. But if you can run the bat file in a CMD window (as administrator), then it can download the other script and run it.



```
Administrator: ARM64
C:\Users>cd cs

C:\Users\cs>cd Desktop

C:\Users\cs\Desktop>wininstall.bat
=== MBS Plugin Installer (Windows) ===

Downloading PowerShell installer...
Running installer...
INFO: === MBS Plugin Installer (Windows) ===
OK: Administrator privileges confirmed
INFO: Downloading MBS plugin...
OK: Download successful
INFO: Extracting plugin...
OK: Extraction successful
OK: Plugin size verified (29.57 MB)
OK: Valid Windows binary detected
INFO: Installing to C:\Program Files\FileMaker\FileMaker Server\Database Server\Extensions
INFO: Installing to C:\Program Files\FileMaker\FileMaker Server\Web Publishing\publishing-engine\cwpc\Plugins
INFO: Installing to C:\Program Files\FileMaker\FileMaker Server\Web Publishing\publishing-engine\wip\Plugins
OK: MBS Plugin installation completed successfully
INFO: Restart FileMaker Server and enable the plugin in Admin Console

Installation completed successfully.
Restart FileMaker Server to activate the plugin.
Drücken Sie eine beliebige Taste . . .

C:\Users\cs\Desktop>
```

## Restart or not?

Restarting the server is a way to get FileMaker to recognize the newly installed plugin. Easy as it makes sure you restart Script Engine, Data API and Web Direct and they all see the plugin.

But if you run the install script between installation and setup in admin-console, you don't need to restart at all.

Anytime later you install, you may need to do a "fmsadmin restart fmse" for the admin-console to see the new plugin. And run "fmsadmin restart wpe" as well as "fmsadmin restart fmdapi" for Web Direct and Data API.

Before restarting anything, please check what sessions are currently running as you may interrupt them. The admin-console has a checkbox

to prevent new logins temporarily to prevent people to login just before the service is restarted.

## **All scripts**

You find all scripts and the gzip files are in the [gzip folder](#).

Scripts: [linuxinstall.sh](#), [macinstall.sh](#), [wininstall.ps1](#) (and [wininstall.bat](#))

Blog articles: [Linux](#), [macOS](#) and [Windows](#).

See also [Bootstrapping MBS FileMaker Plugin](#) for a script to install the plugin by loading it from our website in FileMaker Pro. The script is included with "Install Plugin Update if needed.fmp12" file.

Please try and let us know if that helps you.