



Installation

Installation instructions for Monkeybread Software Xojo Plugins

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macOS

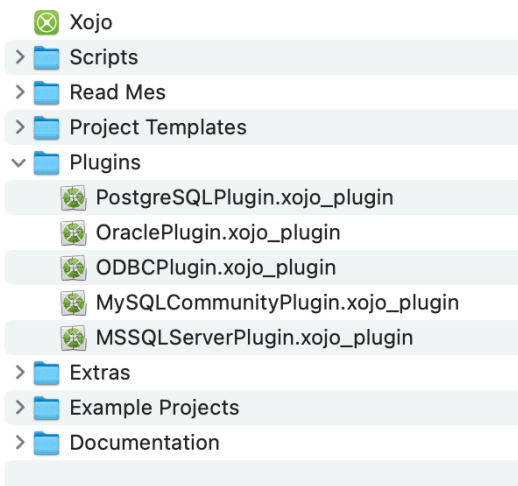
Get files

You first download the files needed from our website.

The files can be found on our website monkeybread-software.de/xojo/plugins.shtml where you can also find a link to the download page. There we have older versions and new prerelease versions of future plugins.

The help files on the website are often newer than the one coming with the plugin download and show already features for the next plugin version.

First locate the plugin files and locate your Xojo folder which may look like this:



Install

To install, you drop the plugin files you want to into the plugins folder.

You must install the Main Plugin part as it includes the registration functions, but all the other plugins are optional.

We do have [dependencies](#), which you can see in the documentation. For example if you install AVFoundation Plugin, please also install Main, MacBase, MacCG, MacCocoa, MacControls and MacCF.

- MBS Xojo XMP Plugin.xojo_plugin
- MBS Xojo XL Plugin.xojo_plugin
- MBS Xojo WinFrameworks Plugin.xojo_plugin
- MBS Xojo Win Plugin.xojo_plugin
- MBS Xojo VLC Plugin.xojo_plugin
- MBS Xojo Util Plugin.xojo_plugin
- MBS Xojo USB Plugin.xojo_plugin
- MBS Xojo Tools Plugin.xojo_plugin
- MBS Xojo SQL Plugin.xojo_plugin
- MBS Xojo Picture Plugin.xojo_plugin
- MBS Xojo Overlay Plugin.xojo_plugin
- MBS Xojo Network Plugin.xojo_plugin
- MBS Xojo Main Plugin.xojo_plugin
- MBS Xojo MacOSX Plugin.xojo_plugin
- MBS Xojo MacFrameworks Plugin.xojo_plugin
- MBS Xojo MacExtras Plugin.xojo_plugin
- MBS Xojo MacControls Plugin.xojo_plugin
- MBS Xojo MacCocoa Plugin.xojo_plugin
- MBS Xojo MacCloud Plugin.xojo_plugin
- MBS Xojo MacClassic Plugin.xojo_plugin
- MBS Xojo MacCl Plugin.xojo_plugin
- MBS Xojo MacCG Plugin.xojo_plugin
- MBS Xojo MacCF Plugin.xojo_plugin
- MBS Xojo MacBase Plugin.xojo_plugin
- MBS Xojo Mac64bit Plugin.xojo_plugin
- MBS Xojo Linux Plugin.xojo_plugin
- MBS Xojo Java Plugin.xojo_plugin
- MBS Xojo Images Plugin.xojo_plugin
- MBS Xojo GraphicsMagick Plugin.xojo_plugin
- MBS Xojo FMAPI Plugin.xojo_plugin
- MBS Xojo Encryption Plugin.xojo_plugin
- MBS Xojo DynaPDF Plugin.xojo_plugin
- MBS Xojo DuckDB Plugin.xojo_plugin
- MBS Xojo Dongle Plugin.xojo_plugin
- MBS Xojo DataTypes Plugin.xojo_plugin
- MBS Xojo CURL Plugin.xojo_plugin
- MBS Xojo ComputerControl Plugin.xojo_plugin
- MBS Xojo Compression Plugin.xojo_plugin
- MBS Xojo ChartDirector Plugin.xojo_plugin
- MBS Xojo Cameras Plugin.xojo_plugin
- MBS Xojo Bluetooth Plugin.xojo_plugin
- MBS Xojo Barcode Plugin.xojo_plugin
- MBS Xojo AVFoundation Plugin.xojo_plugin
- MBS Xojo Audio Plugin.xojo_plugin

After installation

Please make sure Xojo is quit and then start it. You may notice that Xojo shows the plugin names it loads.

To test whether the plugins have been installed, you can just launch Xojo, go to the code editor and type something:

```
dim s as c
```

after the c press tab and check whether the MBS classes are there.

Or run the function to show the version:

```
MsgBox MBSPluginVersion
```

If no plugins are loaded on macOS, your Xojo app may be in quarantine. To fix this, you can google for various ways, but mostly you will have to run "xattr -cr" command in Terminal:



```
cs — -zsh — 55x5
Last login: Fri May 7 10:14:28 on ttys000
[cs@MyMac ~ % xattr -cr /Applications/Xojo/Xojo.app ]
cs@MyMac ~ % █
```

Windows

Version notes

The MBS Plugins should run fine on Windows 7 or newer with Xojo 2006r4 and newer.

Get files

You first download the files needed from our website.

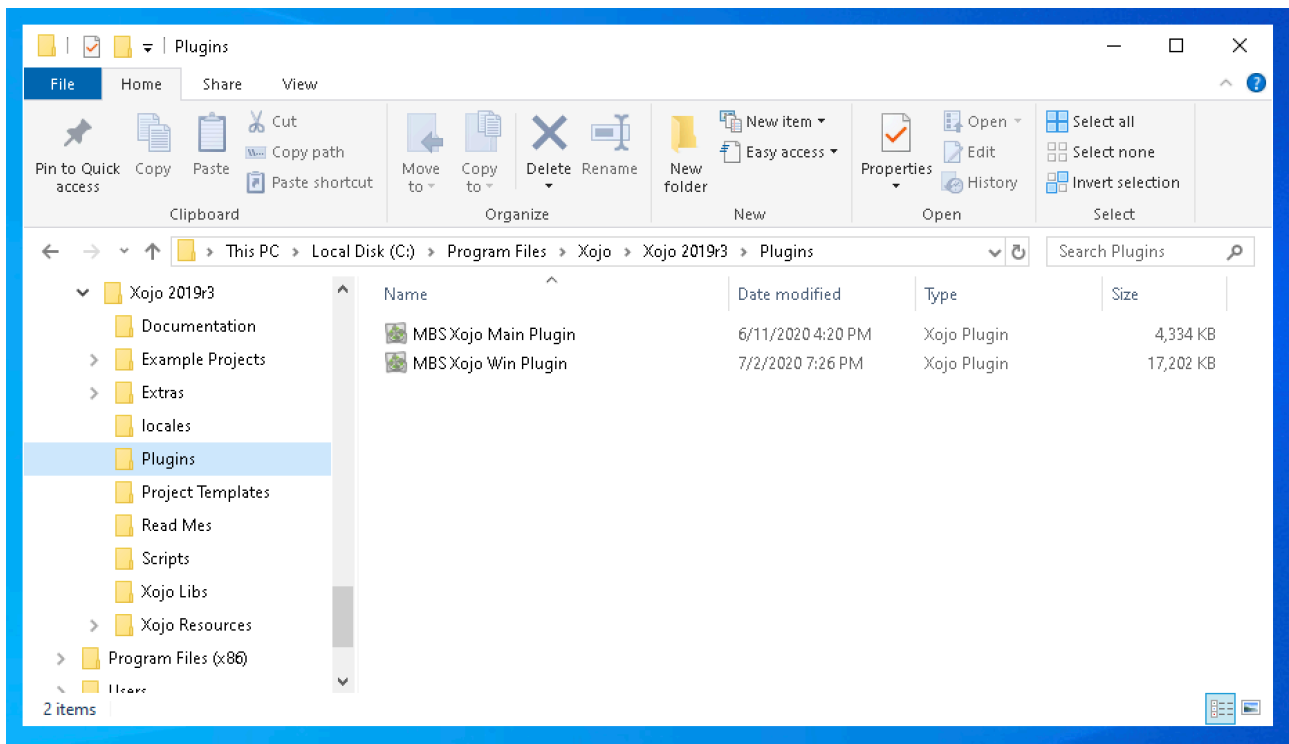
The files can be found on our website monkeybreadsoftware.de/xojo/plugins.shtml where you can also find a link to the download page. There we have older versions and new pre-release versions of future plugins.

The help files on the website are often newer than the one coming with the plugin download and show already features for the next plugin version.

Install

First locate the plugin files. Now find in the start menu the Xojo entry and open there the link to the plugins folder.

Once you have the plugin folder open, it looks like this:



To install, you drop the plugin files you want to into the plugins folder.

You must install the Main Plugin part as it includes the registration functions, but all the other plugins are optional.

We do have [dependencies](#), which you can see in the documentation. For example if you install AVFoundation Plugin, please also install Main, MacBase, MacCG, MacCocoa, MacControls and MacCF.

If a dependency is not fulfilled, the Xojo compiler may show weird errors or none and simply stop to compile.

After installation

Please make sure Xojo is quit and then start it. You may notice that Xojo shows the plugin names it loads.

To test whether the plugins have been installed, you can just launch Xojo, go to the code editor and type something:

```
dim s as c
```

after the c press tab and check whether the MBS classes are there.

Or run the function to show the version:

```
MsgBox MBSPluginVersion
```

Linux

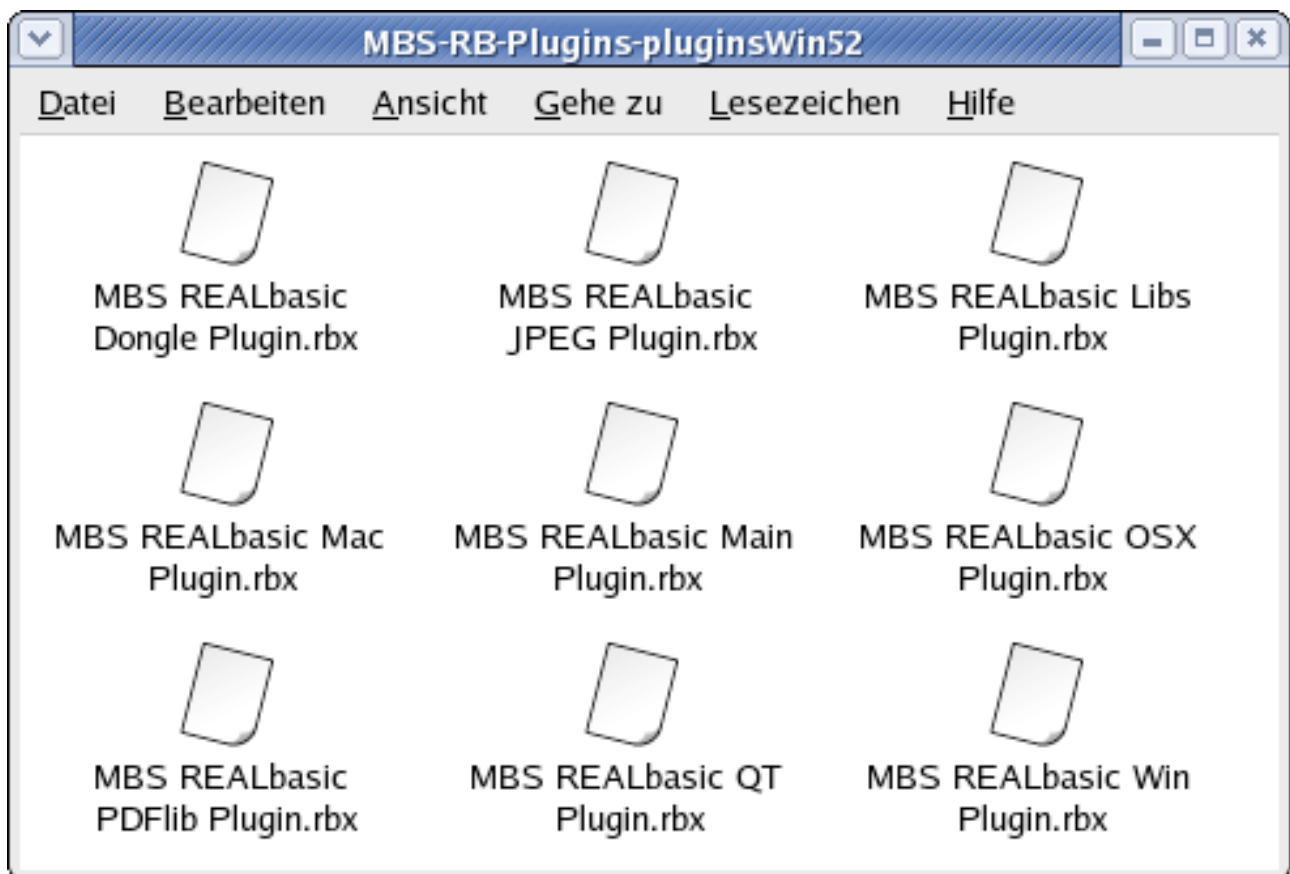
Version notes

The MBS Xojo Plugins should run fine on all Linux distributions supported by Xojo. For testing I use currently Ubuntu and CentOS in various versions.

The MBS Xojo Plugins do only support Linux on x86 32-bit, x86 64-bit and 32-bit ARM processors. 64-bit ARM is in works and may come in a future Xojo version.

Get files

You first download the files needed. Currently this means that you download the Windows plugins. You need for version 5.2 the files listed in the screenshot below. Newer



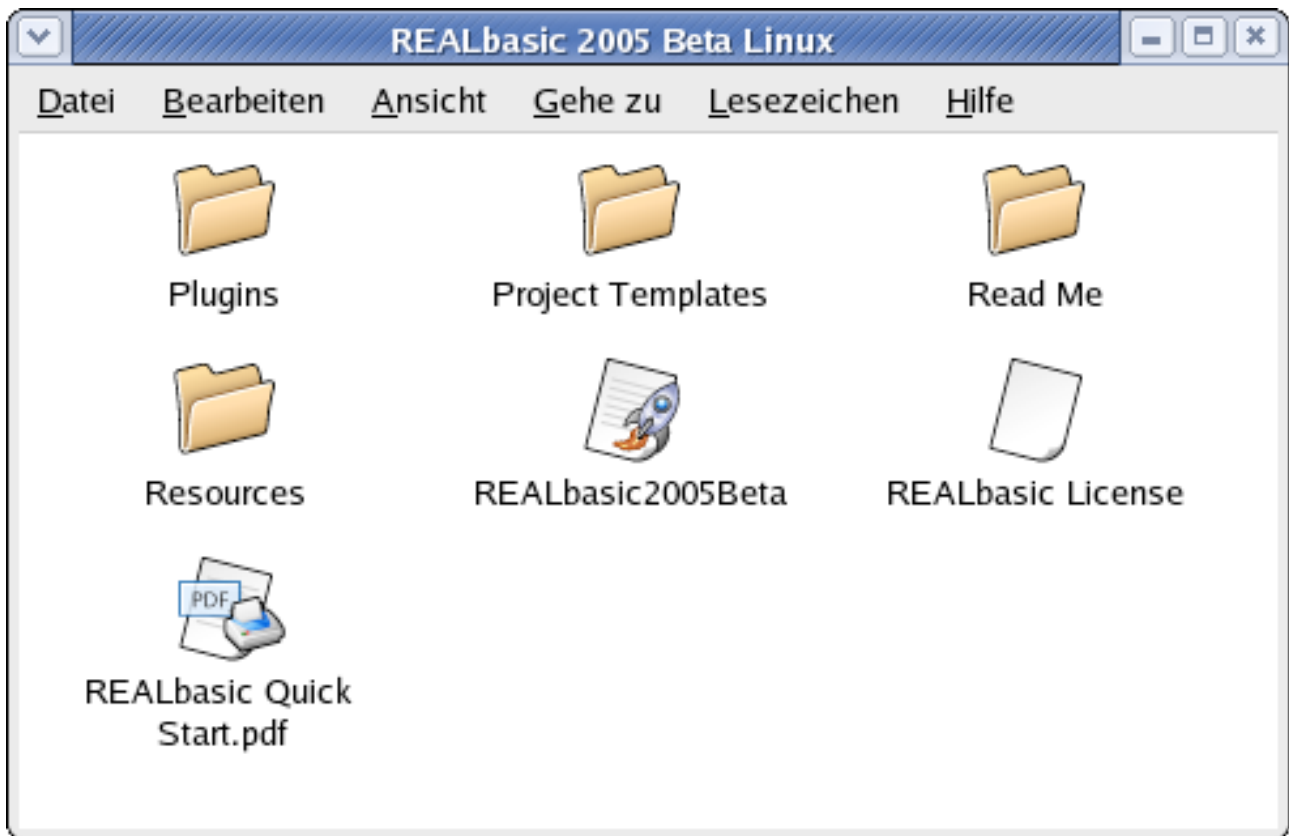
Those are all Xojo plugin files with the extension “.rbx”. Xojo plugins have the extension „.xojo_plugin“.

The files can be found on our website monkeybreadsoftware.de/xojo/plugins.shtml where you can also find a link to the download page. There we have older versions and new pre-release versions of future plugins.

The help files on the website are often newer than the one coming with the plugin download and show already features for the next plugin version.

Install

First locate the plugin files. Now find your Xojo folder:



To install, you drop the plugin files you want to into the plugins folder.

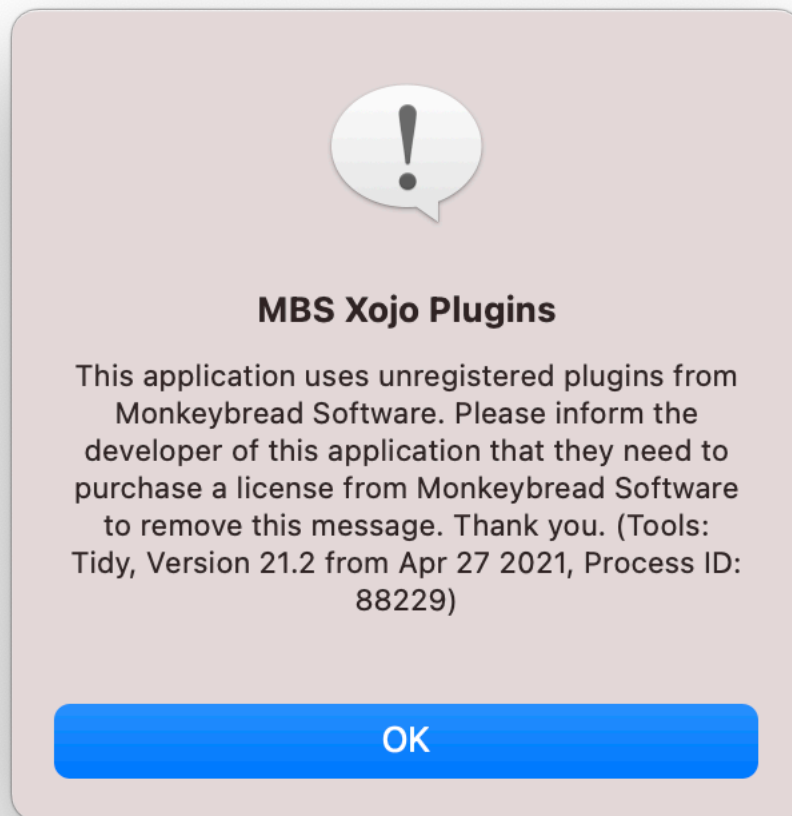
You must install the Main Plugin part as it includes the registration functions, but all the other plugins are optional.

The Xojo folder should now contain the plugin files so Xojo will find them. If for example text files are in the plugins folder Xojo can make trouble.

Registration

Demo and trial time

While you are still evaluating the plugin you will certainly see a dialog like this:



The dialog shows you which version of which MBS Plugin is used. And with the process ID you could even lookup which app this is.

You can buy a license for a perpetual license key or request a temporary trial key to remove the dialogs.

After you bought a serial number

When you register and you provided all data needed like your full name, your postal address and if needed your VAT ID, you get an email with your serial number.

Now you need to add this serial number to your application source code.

for example you can do it like this:

```
if not registerMBSPlugin("Test","MBS Complete", 202112, "...") then
    MsgBox "MBS Plugin serial not valid?"
end if
```

But if you give away an application with such a call to the registration functions it is possible that a hacker will extract your serial number and abuse it which may take you in trouble. So try to hide the strings, maybe like this:

```
if not registerMBSPlugin(app.username, "MB"+"S20"+"05", 2008*100+01, app.serial) then
    MsgBox "MBS Plugin serial not valid?"
end if
```

Where app.username and app.serial are properties storing your values. This will make it more difficult to hack. But please create your own unique way to hide your serial as this email is sent to all new users of the plugin and they should not all use the same way to hide the number.

Some more good ideas:

- Do math to your serial number: 12345678 is much easier to steal from code than $(55862*13+10)*17+6$
- Do string concats: "MBS2005" is much easier to find than m="M" b="B" z2="2" z0="0" z5="5" s="S" c=m+b+s+z2+z0+z0+z5
- Do ASCII math: instead of "A" you can write chr(65)

Serial number in Open Source applications

You can use the plugins with your serial number in an Open Source application if you make sure that the serial number is not given away to other users.

So the recommended way to do this is to make a new module, add the registration call (hidden as seen above) to a method there and then call this method in the app.open event.

Then you encrypt the module, export it, delete it from the project and add it again as an external module. You keep this external module on your hard drive outside the project folder.

If you now give away the project. The developer on the other end will open the project and get a complain from Xojo about the missing module. So the can fix the link to the module by pointing to his own module.

If you name the method for registering "RegisterPlugins" you are compatible with the Freeware on monkeybreadsoftware.de.

Contact

The author Christian Schmitz can be contacted at support@monkeybreadsoftware.info.

All comments are welcome to improve this guide.