



David Millington 27 May 2020

RAD Studio 10.4 has a new way to install patches, right from within the IDE without manual installation. We also have a small patch today addressing some missing files, and which is critical for C++ Win64 debugging.

RAD Studio 10.4 Patch 1

We have a patch (what used to be called a hotfix) available for RAD Studio. The patch addresses a number of items:

Missing files:

- synth.py: this is required for the new C++ Win64 LLDB debugger to function correctly. Without it, you can debug, but you need this file to get the [new formatters and visualisation for STL and other types](#)
- DUnit/Linux64 files
- System.Contnrs for Mobile
- FMX.DAE.Scheme.* units
- Indy .inc files

Plus:

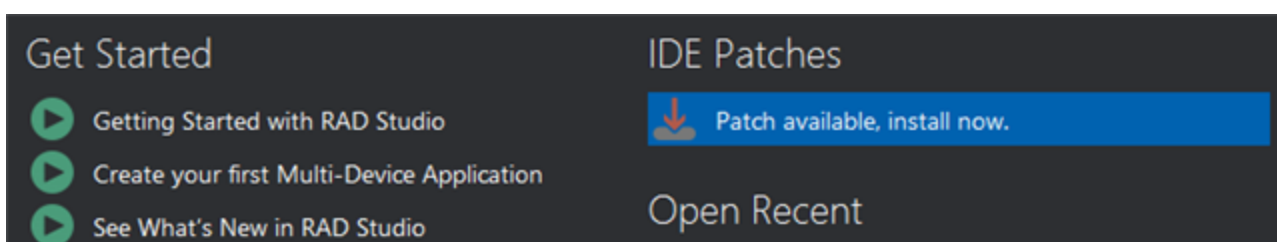
- Changes to defaults.xml and CodeGear.Deployment.Targets build files

Read on for how to install - things are different and better in 10.4!

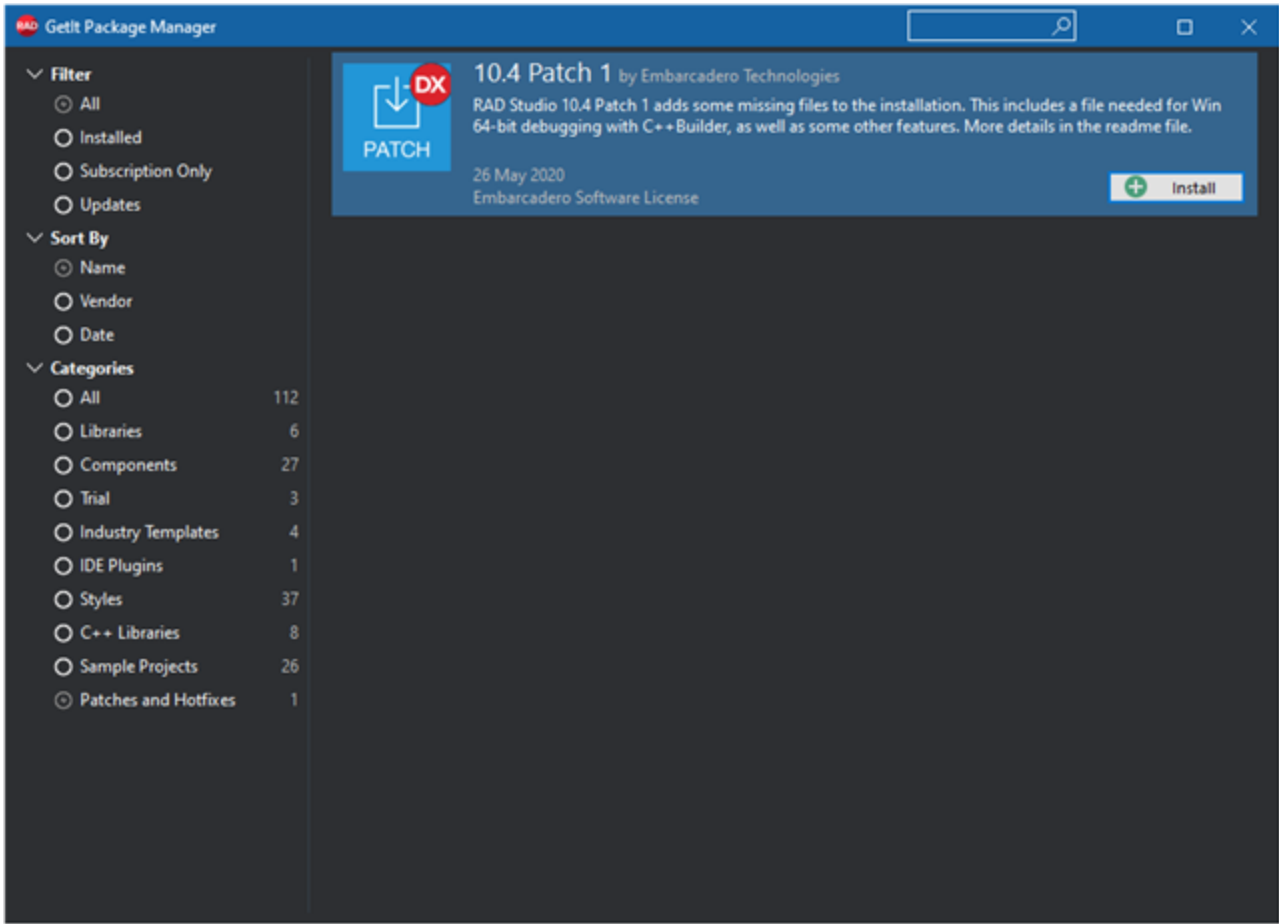
Installing Patches in 10.4

In the past, to install a patch like the one above you would have downloaded a file and manually unzipped it and copies files to your RAD Studio installation folder. This was not ideal, due to it requiring manual installation (there's always room for error), plus there was no in-IDE list of what had been installed.

In RAD Studio 10.4, we have a new patch installation method. Patches are now installed by GetIt. When a patch is available, you will see a notification in the Welcome screen:



If you have no patches, this text will tell you that your IDE is up to date. In this screenshot, a patch is available. Here, my mouse is over the patch notification, so it's highlighted. Clicking it will open GetIt to a new Patches and Hotfixes section:



Click the Install button to install it.

Patch 1 installs right away. In future, it is possible some patches will apply to files that are in-use while the IDE is running. GetIt will handle those fine, by closing the IDE and installing.

Patches will only appear in the Welcome screen if the IDE can connect to the GetIt server. 10.4 uses the same GetIt-based installer for both online and offline (ISO) installations. If you installed from ISO, which is offline mode, you'll need to tell GetIt to look online for data rather than using the ISO image as its installation source. You can do this by running the following at a command line:

```
GetItCmd.exe -c=useonline
```

(Similarly, use -c=useoffline to go back offline.)

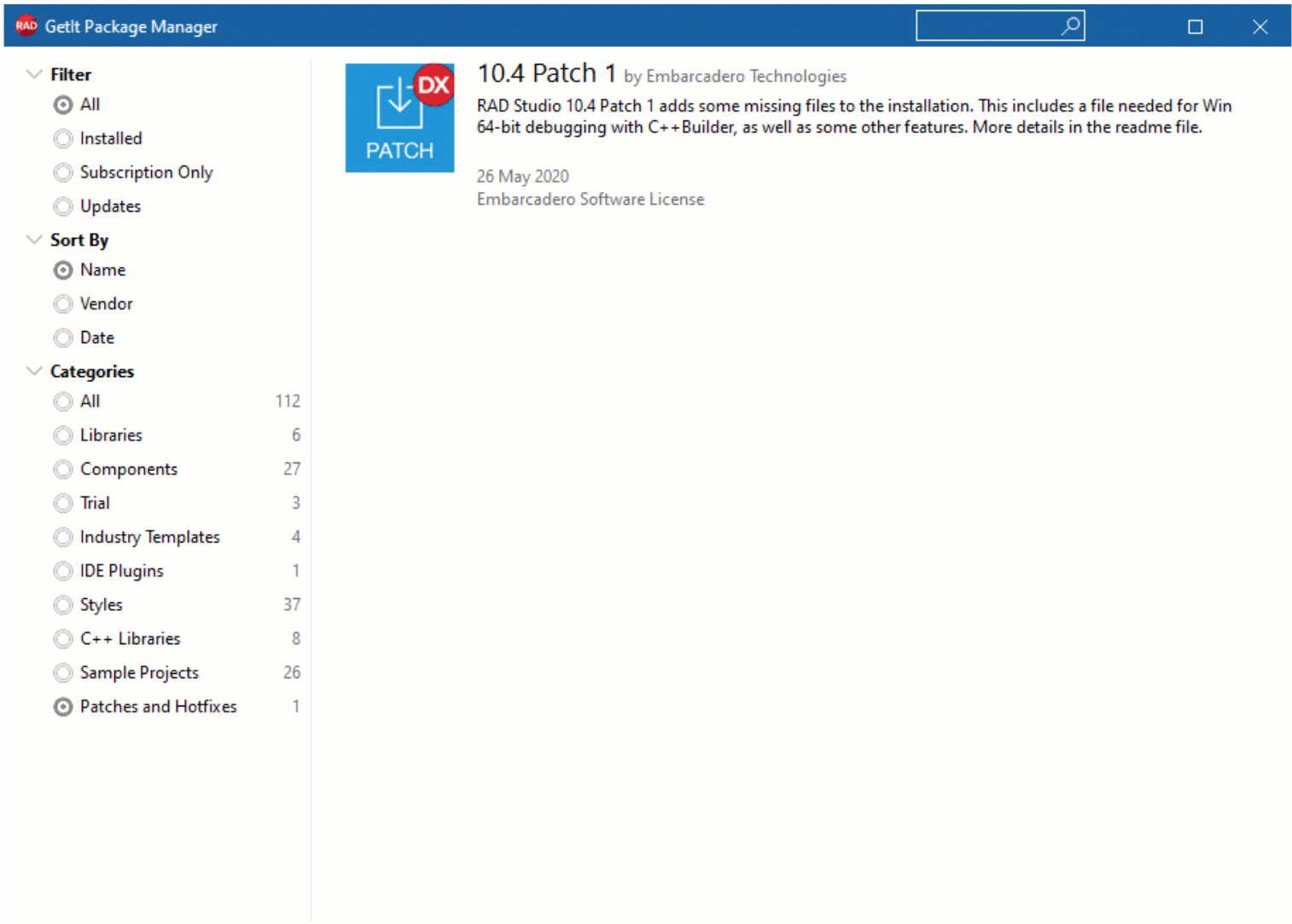
Installation instructions for Patch 1

The installation instructions for Patch 1 are therefore very simple:

- Close all projects, or open the IDE if it's not open
- Look for the patch notification on the Welcome page. Click it. Select the patch in the GetIt window and click Install.
- Keep an eye out for any Windows UAC notifications in the taskbar, asking for permission to elevate GetIt. Sometimes they appear behind the IDE. Click the taskbar button for it if it doesn't appear on top of the IDE
- After installation, the Welcome screen may not update (it doesn't ping servers often and so doesn't refresh after GetIt runs), but you should see an "up to date" message next time you open the IDE

If you installed via the offline ISO installer:

- Run `GetItCmd.exe -c=useonline` and then follow the instructions above
- Alternatively, the patch is available for download and installation the old-fashioned manual way [here](#). We recommend installing via GetIt since it handles installation for you, and you can see which patches are installed by opening GetIt.



Reduce development time and get to market faster with RAD Studio, Delphi, or C++Builder. Design. Code. Compile. Deploy.



ments



Bob W30074 *2 months ago in reply to Doug Filteau* +2

Fixed - I should read a little more carefully run this from command prompt GetItCmd.exe -c=useonline this will tell getit t...



bdw11 nz *2 months ago* +1

via web installer it worked correctly for me. Nice addition doing patches this way [David Millington](#)



steve.b *2 months ago* +1

This is a good improvement ...and it works!



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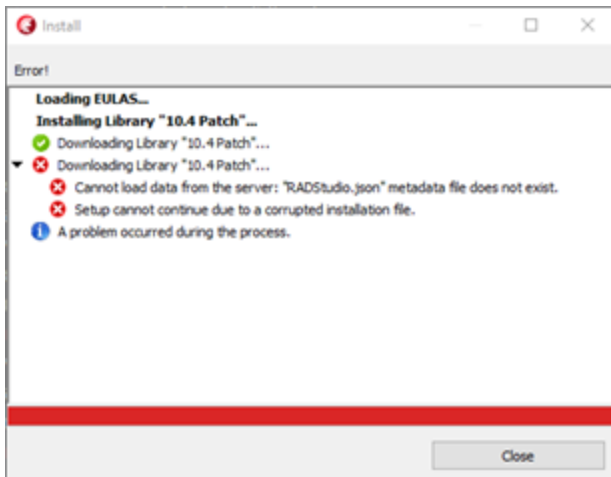
steve.b *2 months ago*

This is a good improvement ...and it works!



Doug Filteau *2 months ago*

Currently getting an error from GetIt when trying to download the patch (click to zoom):



Bob W30074 *2 months ago in reply to Doug Filteau*

Fixed - I should read a little more carefully

run this from command prompt

GetItCmd.exe -c=useonline

this will tell getit to access files form correct place

once installed run this to return to normal settings

GetItCmd.exe -c=useoffline

It worked for me :)



Doug Filteau *2 months ago in reply to Bob W30074*

Same. Found it described here: <https://community.idera.com/developer-tools/b/blog/posts/rad-studio-10-4-patch-1-missing-files-and-c-debugging---and-a-new-way-to-install-patches>



[Bob W30074](#) *2 months ago in reply to [Doug Filteau](#)*

I am getting the same error - it would seem that a file is missing from the iso install. Will the zip file, if downloaded, extract to absolute locations, there is no UNZIP method explained or does one have to manually extract each file to its location as provided in the Patch1.txt file Grrrr



[chaschpi](#) *1 month ago*

I have this error when using the GetIt package manager:



[chaschpi](#) *1 month ago*

I get the following error when using the GetIt Package manager: Cannot load data from the server: cannot open filegof. the process cannot access the file because it is being used by another process. Have rebooted the computer.



[David Millington](#) *1 month ago in reply to [chaschpi](#)*

Is GetIt in online mode? (See the note in the article about using GetItCmd.exe to toggle between offline and online mode.)



[Warren Postma](#) *21 days ago*

My IDE has this patch and crashes at startup.



[David Millington](#) *19 days ago in reply to [Warren Postma](#)*

Is the patch responsible - did it start crashing when you installed the patch?