



*David Millington* 30 Sep 2019

We've released five patches (also known as hotfixes) for RAD Studio 10.3.2. To ensure you know about all of them, and can install correctly, here is a list and some overview information. If we release any others, we'll update this blog post with details.

When we release a patch, we have a download containing the files and a readme with installation instructions. To ensure you know about the patch, we also blog about it. The blogs also sometimes contain extra contextual information - the readme might have installation instructions, but the blog post might explain *why* those instructions are the way they are, for example, or it might discuss some other aspect of the patch. We always recommend keeping our [blog feed](#) in your bookmarks, because entirely aside from patches, we regularly post about other useful or interesting material.

RAD Studio, Delphi and C++Builder 10.3.2 was released on 18th July 2019 (2019-07-18 in [ISO 8601 format](#).) If you have an active update subscription, you can install via the [web installer \(recommended\)](#) or the [offline ISO installer](#). After installing, apply the patches.

## 10.3.2 Patches

In chronological order, the patches for 10.3.2 are:

### 1. **RAD Studio 10.3.2 Runtime Packages Compatibility Patch**

2019-08-08

Read the [blog post](#), or directly [download](#) the patch.

### 2. **Delphi 10.3.2 macOS Debugging Patch**

2019-08-08

### 3. RAD Studio 10.3.2 C++ and Delphi Toolchain Patch

2019-08-13

Read the [blog.post](#), or directly [download](#) the patch.

### 4. C++Builder and Delphi 10.3.2 Building Changed Files Patch

2019-08-13

Read the [blog.post](#), or directly [download](#) the patch.

*Important: Read the readme for installing this patch!* There are extra steps compared to normal patches, and if you don't follow them, your IDE may not start.

### 5. RAD Studio 10.3.2 C++ Debugging Patch

2019-09-25

Read the [blog.post](#), or directly [download](#) the patch.

Two of these patches (#3 and #5) both change the same file, and for those two it is critical you install in the same order they were released, chronologically. However, in general, we recommend that when you install patches:

- **Install every patch we release.** Don't pick and choose and install some but not others. That will make it difficult to diagnose issues. Just install each and every one
- Install patches in the **same order** they are released. That is, install the first patch first, the second patch second, and so forth. If you have RAD Studio, install all of them; if you have only Delphi or only C++Builder, you can install the ones listed as for that language - but there's still no harm installing all of them.
- Make a **backup**. Patches are installed by overwriting files in your installation. Make a backup of the files, or even your whole installation if you find that simpler, first. A quick Explorer copy/paste may save you lots of time if, for some reason, the patch causes you any problems.
- Do read the **readme**. Usually it's very similar for each patch, but sometimes it contains unusual information. The 'C++Builder and Delphi 10.3.2 Building Changed Files Patch' (#4) is a good example. If you download that with Internet Explorer, and apply the patch by copying the files without performing the extra step described in the readme, your IDE won't start.

Finally, we're sometimes asked if patches are included in the next release of Delphi or C++Builder. The answer is Yes. The issues addressed by a patch are always addressed in the next version of RAD Studio. Here, given these are patches for RAD Studio 10.3.2, that means that RAD Studio 10.3.3 will include fixes for all the issues in these patches, plus additional quality work.

## Quality in Each Release

We work hard to ensure RAD Studio is useful for you, and that includes timely fixes for any issues that

[400 issues you reported](#), as well as adding some [significant new features](#). Update Subscription allows you to stay up to date, and is well worth it.



ments

9 comments 1 member is here



[Martin Pelletier](#) 13 days ago +2

Why not put theses patches on Getit to help us apply them?



[Mike Versteeg](#) 12 days ago +2

I'm always wondering if I should install the patches or wait for the new release, saving time. It would be goo...



[David Millington](#) 12 days ago in reply to [Hamid Reza Bahador](#) +1

That is likely caused by #4, "C++Builder and Delphi 10.3.2 Building Changed Files Patch", and there are extra...



[Martin Pelletier](#) 13 days ago

Why not put theses patches on Getit to help us apply them?



[David Millington](#) 12 days ago in reply to [Martin Pelletier](#)

We are indeed thinking of doing just that in future.



[Mike Versteeg](#) 12 days ago

I'm always wondering if I should install the patches or wait for the new release, saving time. It would be good if you could add an indication of when the next release is planned. Roughly.



[David Millington](#) 12 days ago in reply to [Mike Versteeg](#)

We generally don't indicate when the next release is coming, because even if we surround it in "not a promise" kind of text, people will (and very reasonably!) make decisions based on that date. And the date can change for all sorts of reasons, especially if we want to take time for stabilisation, a longer beta if something looks a bit more troublesome than we expected, to add more bugfixes, etc. Then, people might have made decisions that they would not have made if they'd known, and that's not something we want to happen. So we announce dates when we're confident and certain.

Here, even today a couple of months after 10.3.2 is out, I would recommend you install the hotfixes rather than wait for 10.3.3.



[Joseph M8109](#) 8 days ago in reply to [David Millington](#)

"And the date can change for all sorts of reasons"

But all software can say that; this doesn't prevent most software, especially enterprise-grade software, from providing release dates. If circumstances change, amend the release dates as appropriate. The only reason to avoid dates is if the development process routinely sees major slippage, and that should cause a reexamination of the

Also, Embarcadero has tended to not release dates \*at all\*. I'll never forget the time Marco had a "preview" of the newest Delphi release scheduled, and Embarcadero went and released a few days before his webinar. He jokingly called it a "postview" after that, but it was disturbing that even the product manager didn't know the release date.

For software as expensive as Delphi/Rad Studio aimed at Enterprises, it makes it a budgeting nightmare to have to shrug one's shoulders and say "I don't know" when departments are trying to budget for expenditures and want a release date.

" a longer beta if something looks a bit more troublesome than we expected, to add more bugfixes, etc."

When large projects such as PostgreSQL or Python (12 month and 18 month release cycles, respectively) encounter those types of issues they add an extra beta or release candidate release to their release schedule when it appears necessary. These extra releases generally extend the release cycle by a week, not months, and both routinely tend to slip by only 1-2 weeks from schedules planned 12-18 months in advance.



**David Millington** *6 days ago in reply to Joseph M8109*

Joseph, you seem to assume many things that I did not state.

We don't announce release dates ahead of time. We do value the flexibility which that gives us.



**Hamid Reza Bahador** *12 days ago*

After installing all patched, I cannot run the Delphi anymore. I get an Error:

An attempt was made to load an assembly from a network location which would have caused the assembly to be sandboxed in previous versions of the .NET Framework. This release of the .NET Framework does not enable CAS policy by default, so this load may be dangerous. If this load is not intended to sandbox the assembly, please enable the loadFromRemoteSources switch. See [go.microsoft.com/fwlink/?linkid=213203](https://go.microsoft.com/fwlink/?linkid=213203) for more information."



**David Millington** *12 days ago in reply to Hamid Reza Bahador*

That is likely caused by #4, "C++ Builder and Delphi 10.3.2 Building Changed Files Patch", and there are extra steps to follow when installing that patch. Please see the readme, or the info in this blog post: [community.idera.com/.../c-builder-and-delphi-10-3-2-building-changed-files-patch-released](https://community.idera.com/.../c-builder-and-delphi-10-3-2-building-changed-files-patch-released)



**Paul @ JWare** *6 days ago*

Thank you David.