

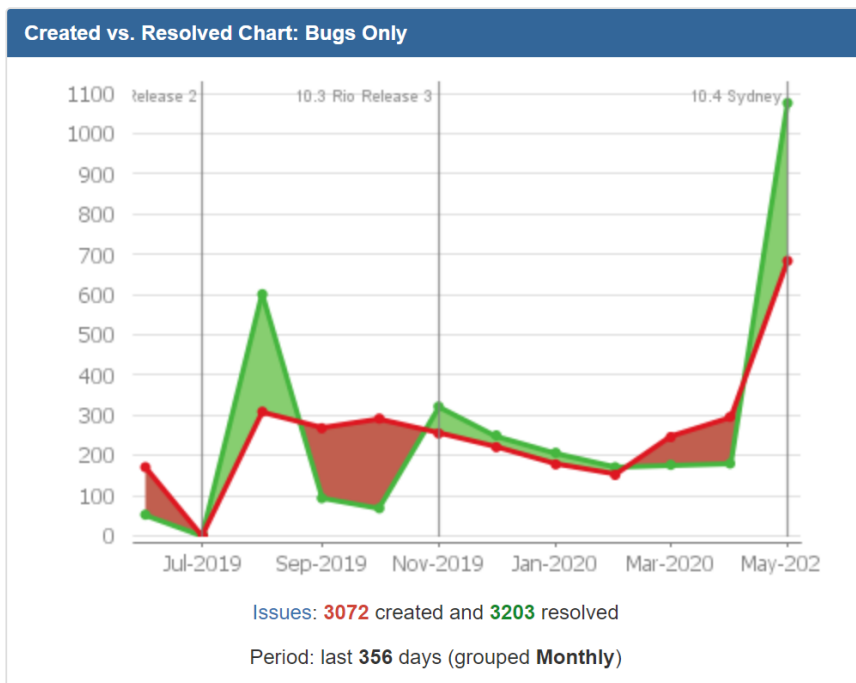


Marco Cantu 29 May 2020

RAD Studio 10.4 has a nice set of new features, now covered in several blog post and in the announcement webinar (the replay is available at <https://www.youtube.com/watch?v=-rTLEXLVueQ>).

The 10.4 release also addressed a large number of issues, including fixes for over 700 publicly reported issues on Quality Portal (QP). You can see a (partial) list of the fixed issues in the product documentation at: http://docwiki.embarcadero.com/RADStudio/Sydney/en/New_features_and_customer_reported_issues_fixed_in_RAD_Studio_10.4

The large number of issues resolved is also visible in the Created vs. Resolved chart (limited to bugs) on QP:



This is a continuously updated graph that you can see in one of the QP dashboards at <https://quality.embarcadero.com/secure/Dashboard.jspx?selectPageId=13100>

Finally, this is a breakdown of portion of the bug reports and new feature requests addressed in 10.4. The items are grouped by product area, with some of the categories overlapping (for example Compiler and Tools includes C++ and Delphi compiler issues, but also Linker issues) and issues possibly listed in more than one category:

Two Dimensional Filter Statistics: 104fixed			
Components	Issue Type		
	Bug	New Feature	T:
C++ Compiler	53	2	55
C++ RTL	16	1	17
Cloud	3	1	4
Compiler and tools	117	20	137
Database	85	9	94
Debugger	15	0	15
Delphi Compiler	95	18	113
Delphi RTL	169	36	205
Demos	13	1	14
Enterprise	1	0	1
FireMonkey	146	33	179
Help and Doc	3	0	3
IDE (Development Environment)	259	23	282
Install	27	3	30
Libraries/Frameworks	2	0	2
Linker	10	1	11
RTL	144	27	171
VCL	145	23	168

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26 comments

0 members are here

[Nicola Bellin](#)
2 months ago
+6

Marco, our company has been paying 6 C++ builder licenses for many years. We are stuck with with the 10.2 compiler b...

[Andrzej N60260](#)
2 months ago
+4

The problem is not mistakes. The problem is that you DON'T CORRECT BUGS for more YEARS.

[Andrzej N60260](#)
2 months ago
+3

Derar Marco and Embt team I'm C++ programmers, My subscription begin to end (27 days) tell me should i buy a subscri...

[Nicola Bellin](#)
2 months ago

Marco, our company has been paying 6 C++ builder licenses for many years. We are stuck with with the 10.2 compiler because of the bug [quality.embarcadero.com/.../RSP-27830](#). Now with version 10.4 we are unable to compile two dlls due to [quality.embarcadero.com/.../RSP-29115](#). Not to mention the IDE problems with the code insight and the debugger.

The time to trust you is almost over.

[Andrzej N60260](#)
2 months ago

The problem is not mistakes. The problem is that you DON'T CORRECT BUGS for more YEARS.

[Andrzej N60260](#)
2 months ago

Derar Marco and Embt team

I'm C++ programmers, My subscription begin to end (27 days)

tell me should i buy a subscription?
I'm asking seriously



Andrzej N60260 *2 months ago*

Do You plan pay for user sended issues? Long time resolving cases discourages users from sending case.



Marzio D39256 *2 months ago*

It should be evident that developers don't need a "moving target released every few months with some extra features at the cost of extra bugs", but a solid - stable - bug free - version that can be used in projects that are medium/long term. Possibly with an easy patch manager that easily allow to install bug fixes and (optionally) extra features.



Sven H9035 *2 months ago*

Marco, is it possible tha you are using a bug free version? Please make it public. Working now for a few days with 10.4 Arggh. The IDE have still the old bugs and some new one (CodeInsight shows other twiggles now (where the compiler has no problem with these lines) or it does stop working completly. The object Inspector has the same old bugs. the Structure panel has the old bugs. The Debugger is slow when Local Watches are active. The IDE crashes round about 1 time per hour. Any very new: "To Debug the Code the debugger has to be stopped!" And very new: Internal Error AV050D9AF4. What the "hell" you are selling? I love Delphi/pascal since over 30 years. But you on the road to destroy this love.. If this is the roadmap. Go on. You are right!



Marco Cantu *2 months ago in reply to Sven H9035*

We are looking into releasing a patch relatively quickly (need to test its stability) to address some of the new issues found. For the debugger stopping, it looks like a workaround is to close/disable the Welcome page -- at least until a patch is available.



Aggie85 *2 months ago in reply to Marco Cantu*

This comment was deleted.



Aggie85 *2 months ago in reply to Aggie85*

Marco,

First I give you credit for at least responding to the firing squad (I have sent David Millington a couple of e-mails with concerns and NEVER get a reply about serious bug fixes).

But I still get what I consider aggressive e-mails from the sales department since I have let my Rad Studio Enterprise subscription expire this past month (can't justify not getting anything for my money on a small company budget).

I began using Turbo Pascal in 1983 when it was first released to write my first shareware program Pc-Sweep. I switched over to c/c++ not to longer after that and used a product called Desmet C. When Turbo C++ was released in 1987/1988, I switched back to Borland.

For the first time in almost 37 years of using Borland/Codegear/Embarcadero, I am seriously thinking of looking elsewhere for a new way to create new products going forward.

I realize Embarcadero probably just looks at me as a disgruntled user, but I know many developers who have left Embarcadero over the years. I wish I could afford to lose loyal customers.

All the best,

Aggie85



Marco Cantu [2 months ago in reply to Aggie85](#)

I can speak for the Delphi side of the tool, more than C++. But in general, I know the product (and the entire industry) has changed in its focus (and also its costs, from the early days). We are focused on improving on quality while keeping adding nice and interesting features.



Marco Cantu [2 months ago in reply to Marco Cantu](#)

And no, we don't look at you (or others) as a disgruntled user. I'm sure that if you complain there is a reason for it and we take it seriously. We cannot always act or act promptly, due to constraints we have as a business but we really hate losing any customers (long time and loyal or new alike).



Aggie85 [2 months ago in reply to Marco Cantu](#)

Thanks for replying.

I understand business priorities but C++ Builder is leaving many users livelihood in the wind.

How are C++ programmers who have an Android footprint going to move forward come August 1st when Google no longer accepts their 32 bit Android apps?

The first Android I app I tried to develop / deploy with 10.3.3 crapped out on ANY EXCEPTION. I reported it after Thanksgiving, had it validated as a bug, and still no fix. I had an opportunity to do a few Clover apps (32 bit Android) and lost out.

I really think Embarcadero's top management needs to get out and visit with its users and give an honest assessment where their priorities are so that their users can adjust as needed (even if the decisions are hard ones).

All the best,

Aggie85



Yves L7263 [2 months ago in reply to Aggie85](#)

We are forced to note that C++ builder is no longer compatible. Android. Either Embarcadero does the necessary to restore the situation before August 1, or they announce the end of android support for C++ builder.



Sven H9035 [1 month ago in reply to Marco Cantu](#)

Hi Marco, I will believe this if it is released. But you should verify your beta programme. There is something going wrong systematically. I have the fear that marketing tells the road not the development team.

The last days I learned that you are using C# and .NET in the IDE. What?!? So, that's surely one problem why the IDE crashes all the day long. Too complex. Why not using Delphi/C++. Opening Tools/Options takes on my threadripper system 5 seconds to wait. For an options window (all values should already be in memory).

I have a complex form. It takes always 25 seconds to open and 3-5 seconds for closing!

Creating actions in objectinspector. Almost every 2-3 calls my IDE crashes. This is not funny anymore. These and so many other problems exist since years and with each version marketing tells me the development workflow is better than ever. Bullshit. (Sorry)

Again. Make a Vanilla-Update for the IDE. No other stuff. Only the IDE.. We can talk about Bluetooth, REST, EMF and so many other cool stuff but the IDE/Compiler is the base, something each user needs in his daily work. make it work again in the next 2-3 months..

- * Remove that stupid X on the editor tabs
- * Object inspector working (no phantom values any more)
- * Structure Panel panel working (click means the focus gets the object under the mouse cursor and no random object)
- * Breakpoints can be removed
- * Local Watches can be removed
- * CodeInsight for complex projects (currently this is for "cats programs", Sorry Matthias)
- * Project manager with integrated Subversion (not this crap like currently) - Did you really use "Save Under new filename"? Yes, can you compile such a project now? Can you check into subversion. If yes: Make the version public.
- * Kill that IDE crashes
- * Use the Delphi Parallel Lib for Get It.
- * Fix all the small translations typos..
- * Support 4k monitors

See the list above: Basics, just basics.

A Delphi Lover for more than 35 years.

Sven



David Millington *1 month ago in reply to Aggie85*

> I have sent David Millington a couple of e-mails with concerns and NEVER get a reply about serious bug fixes

I'm sorry about that. Sometimes I can't answer. I can't reply that something will be fixed, if it isn't already, for example. I pass on customer feedback internally to help make decisions.

I searched my email for "aggie" but saw nothing - were they sent from an email address with a different name?



Marco Cantu *1 month ago in reply to Sven H9035*

I don't disagree with this list, but it is not "just the basics" it is a long term goal. CodeInsight, we are spending a huge effort rewriting. Seems in line with your expectations, but a large effort. 4K monitors support for the IDE, that's a significant rewrite of a lot of code would imply more bugs, not fewer bugs. We need to get there, but you are saying you only want stability but asking for significant features.

Don't read this as a criticism, your list of fixes is very close to what we also want to do -- but I want to mention this is not simple and it is going to take time



Aggie85 *1 month ago in reply to David Millington*

Howdy David!

Try shaneATstumpwareDOTCOM is my e-mail address.

The e-mails were 5+ months ago when I was trying to decide if I was going to renew by 2020 Rad Studio Enterprise subscription.

All the best,



Andrzej N60260 *2 months ago*

how many bug user added to 10.4?



German Gentile *2 months ago*

Impressive. Great work my friend!

Just take a look to that one, have 4 years and 82 votes . Maybe is time to take care of that?

quality.embarcadero.com/.../RSP-13370

Best regards



Manuel Peña *2 months ago*

Friend Marco Cantú,

There is a very large community in Latin America that was waiting for a version 10.4 for all the new that this version was going to include.

I have read many comments of concern and disappointment that you have spent time installing and testing this buggy version.

Do you already have a date for a patch release or fix for it?



LastInquisitor *2 months ago*

Good that you actually fixed something. Not so good that the number of open issues is still overly overwhelming. Luckily I made a backup of my dev machine before trying 10.4; after so many years I somehow knew what to expect... Short story: installed it, default settings, answered "yes, please import my 10.3 settings", then it started with different visual settings - and that was it. Since then the only thing I got when trying to start it was some VCL exception. Brilliant.



Sven H9035 *2 months ago*

>Design. Code. Compile. Deploy.

This was in the old times of Turbo Pascal on CP/M **Edit**, **Compile**, **Run**. Deploy

Today: Load, Crash, Load, Edit, Compile, Edit: Crash, Load Edit, Compile, New Error. google, Crash. Load again.

Waiting/hoping for Andreas for fixing YOUR Code. Deploy? This is a word which not currently exists .



darianmiller *2 months ago*

Thank you for the Quality push! The last few versions have been more aggressive on features and quality and it's appreciated. We'll never have a bug-free product, but it's nice to see issues being addressed.



Andrzej N60260 *2 months ago in reply to darianmiller*

Sorry, but you don't seem to be working on Embt products. Or You work in embt team. Quality control showing how long errors are removed. Average 800 days each. Taking money for c ++ builder is an unjust enrichment. "Unjust enrichment" - legal law definition. quality.embarcadero.com/.../Dashboard.jspa



pete42 *23 days ago*

The 10.4 IDE is CONSTANTLY crashing. On search functions, on IDE popup menu selection etc! Very very unfortunate! Second: Code insight is not working at all! There is sometimes a quick message displayed like "calculating..." or so but

nothing happens. This release is really very bad as it costs us many hours of valuable time. We cannot go back to 10.3 (which worked very well) as thousands of files have been "updated" to work with the new installations we made. PLEASE release a patch asap. Thanks!



Gord P 6442 *22 days ago in reply to [pete42](#)*

Yes, it certainly appears from all the comments that 10.4 is a bit of a disaster. This perception is not helped by the silence from Embarcadero on any of this. Still I get a daily email telling me it is the best version ever and I should buy it (even though I have a subscription). I learned a while back not to install the ##.0 version, but to wait for ##.1 at least.