

New features and customer reported issues fixed in RAD Studio 10.3.3

Abstract: List of new features and customer reported issues fixed in RAD Studio 10.3 Rio - Release 3.

10.3 Rio - Release 3 (also known as 10.3.3) is an update of Delphi 10.3 Rio, C++Builder 10.3 Rio, and RAD Studio 10.3 Rio available for any active Update Subscription customer. 10.3 Rio - Release 3 consists of new features, enhancements, and quality improvements.

Key RAD Studio 10.3.3 New Features

- Android 64-bit support for Delphi.
- iOS 13 and macOS Catalina (Delphi) Support.
- RAD Server Docker Deployment
- Enterprise Connectors in Enterprise & Architect Edition

List of customer-reported issues fixed in 10.3.3

This release also includes additional enhancements throughout various product areas and fixes for over 180 customer-reported issues.

Summary	Component/s	QP/QC
Events Not triggered from .Net COM DLL 64bit	ActiveX	RSP-15795 (https://quality.embarcadero.com/browse/RSP-15795)
Clang compilers crash (ICE) when compiling code with const __closure data : ICE @ 2DE39C37 (32bit) or @ 543D9C37 (64bit)	Compiler, Compiler\C++	RSP-18959 (https://quality.embarcadero.com/browse/RSP-18959)
error linking simple component in Release mode	Compiler, Compiler\C++	RSP-21750 (https://quality.embarcadero.com/browse/RSP-21750)
bcc32c: pow10l gives NAN instead of large results	Compiler, Compiler\C++	RSP-22913 (https://quality.embarcadero.com/browse/RSP-22913)
ifstream constructor no longer accepts FILE* as a parameter	Compiler, Compiler\C++	RSP-24132 (https://quality.embarcadero.com/browse/RSP-24132)
64-bit DLL throws access violation at exit	Compiler, Compiler\C++	RSP-24426 (https://quality.embarcadero.com/browse/RSP-24426)
Debug variable evaluation fails in new projects	Compiler, Compiler\C++	RSP-25589 (https://quality.embarcadero.com/browse/RSP-25589)
Pressing F(does not cause changed files to recompile every time	Compiler, Compiler\C++	RSP-25590 (https://quality.embarcadero.com/browse/RSP-25590)
Memory leaks in 10.3.1	Compiler, Compiler\C++	RSP-25615 (https://quality.embarcadero.com/browse/RSP-25615)
Action List Editor does not appear	Compiler, Compiler\C++	RSP-26002 (https://quality.embarcadero.com/browse/RSP-26002)
[clang win32] REGRESSION - throw exception failed	Compiler, Compiler\C++	RSP-26053 (https://quality.embarcadero.com/browse/RSP-26053)
std::experimental::fundamentals_v2::reseed()' multiplied defined in 64 bits	Compiler, Compiler\C++	RSP-26067 (https://quality.embarcadero.com/browse/RSP-26067)
ICE: Internal compiler error: 0 @ 00000000 in release build with debug info	Compiler, Compiler\C++	RSP-26169 (https://quality.embarcadero.com/browse/RSP-26169)
Memory gets corrupted after throwing exception [stack alignment = 16]	Compiler, Compiler\C++	RSP-26198 (https://quality.embarcadero.com/browse/RSP-26198)
Invalid showed value in debug	Compiler, Compiler\C++	RSP-26220 (https://quality.embarcadero.com/browse/RSP-26220)

		m/browse/RSP-26220)
Access violation using std::stringstream compiled with Clang	Compiler, Compiler\C++	RSP-26549 (https://quality.embarcadero.com/browse/RSP-26549)
Missiing functions in library	Compiler, Compiler\C++, Compiler\C++\BCC, Compiler\C++\BCC\Delphi interop, Compiler\C++\CLANG\Delphi interop	RSP-25503 (https://quality.embarcadero.com/browse/RSP-25503)
FireDAC.Phys.SQLiteCli	Compiler, Compiler\C++, Compiler\C++\BCC, Compiler\C++\BCC\Delphi interop, Compiler\C++\CLANG\Delphi interop, Data	RSP-25634 (https://quality.embarcadero.com/browse/RSP-25634)
[C++][CLANG] Enabling debug info disables all optimizations	Compiler, Compiler\C++, Compiler\C++\CLANG	RSP-16931 (https://quality.embarcadero.com/browse/RSP-16931)
Midas will not link (for Clang)	Compiler, Compiler\C++, Compiler\C++\CLANG	RSP-25924 (https://quality.embarcadero.com/browse/RSP-25924)
Exceptions thrown from a method with a Variant declared never reach Catch	Compiler, Compiler\C++, Compiler\C++\CLANG	RSP-26266 (https://quality.embarcadero.com/browse/RSP-26266)
REA2107 Linker Error Building Win64 Target	Compiler, Compiler\C++, Compiler\C++\CLANG, Compiler\C++\CLANG\IDE Interaction, IDE\Build System, Linker	RSP-25638 (https://quality.embarcadero.com/browse/RSP-25638)
GetIt Service does not work on Older RAD STUDIO versions	Compiler, Compiler\C++, Compiler\Delphi, IDE	RSP-25662 (https://quality.embarcadero.com/browse/RSP-25662)
Clang debugger x32 does not show values of variables	Compiler, Compiler\C++, Debugger, Demos, VCL	RSP-25632 (https://quality.embarcadero.com/browse/RSP-25632)
Component event properties are assigned garbage values at design time when using bcc32c	Compiler, Compiler\C++, IDE	RSP-21694 (https://quality.embarcadero.com/browse/RSP-21694)
ISAPI C++Builder 64bits without Runtime Packages Access Violations	Compiler, Compiler\C++, RTL\Delphi	RSP-25988 (https://quality.embarcadero.com/browse/RSP-25988)
Runtime error: EConvertError with message <i>clBtnFace' is not a valid integer value' when adding a published TColor property - Clang32.</i>	Compiler, Compiler\C++, VCL	RSP-24325 (https://quality.embarcadero.com/browse/RSP-24325)
AtomicCmpExchange generates bad code for byte size targets under certain circumstances	Compiler, Compiler\Delphi	RSP-25672 (https://quality.embarcadero.com/browse/RSP-25672)
Const Parameter implicit conversion does not actually convert the value	Compiler, Compiler\Delphi	RSP-25921 (https://quality.embarcadero.com/browse/RSP-25921)
Acces violation when using Typified ShortString with const in function parameters	Compiler, Compiler\Delphi	RSP-26018 (https://quality.embarcadero.co

		m/browse/RSP-26018)
[macOS 64] Some types of local variables contain invalid values when inspected	Compiler, Compiler\Delphi, Debugger	RSP-25529 (https://quality.embarcadero.com/browse/RSP-25529)
Image list index error after debug	Compiler, Compiler\Delphi, FireMonkey	RSP-26130 (https://quality.embarcadero.com/browse/RSP-26130)
Delphi 10.3.2 iOS platform - When iOS is updated to 13.x, all applications developed by Delphi FMX will not be able to enter Chinese in the "Edit and Comment" component.	Compiler, Compiler\Delphi, FireMonkey	RSP-26429 (https://quality.embarcadero.com/browse/RSP-26429)
Android ARMv8-A (64-bit) support	Compiler, Compiler\Delphi, RTL\Delphi	RSP-13307 (https://quality.embarcadero.com/browse/RSP-13307)
Internal compiler error at 0x480550 with base 0x400000	Compiler\C++	RSP-24673 (https://quality.embarcadero.com/browse/RSP-24673)
delphi time to time, searching included files on wrong path.	Compiler\Delphi	RSP-26140 (https://quality.embarcadero.com/browse/RSP-26140)
Cannot show built in FireDAC Login form if MainForm hasn't been created	Data	RSP-25628 (https://quality.embarcadero.com/browse/RSP-25628)
ADODB generates wrong field names in FieldDefs if table fields named as "Field1", "Field2", ...	Data, Data\ADO	RSP-26289 (https://quality.embarcadero.com/browse/RSP-26289)
DataSnap authentication does not work on Android	Data, Data\DataSnap	RSP-24355 (https://quality.embarcadero.com/browse/RSP-24355)
Datasnap Memory Leak TDSServerMethodCommandHandler	Data, Data\DataSnap	RSP-26113 (https://quality.embarcadero.com/browse/RSP-26113)
Error with DataSnap when sending AnsiString that is greater than 200k	Data, Data\DataSnap	RSP-26602 (https://quality.embarcadero.com/browse/RSP-26602)
Linux DataSnap server ApplyUpdates encoding problem	Data, Data\DataSnap, Data\DBRTL, Data\FireDAC	RSP-26024 (https://quality.embarcadero.com/browse/RSP-26024)
TBcdField().Precision applied on a TFMTBcdField returns 0	Data, Data\DBRTL	RSP-26243 (https://quality.embarcadero.com/browse/RSP-26243)
DbExpress crashing	Data, Data\DBX	RSP-26044 (https://quality.embarcadero.com/browse/RSP-26044)
TClientDataSet raises ILLEGAL_INSTRUCTION Win64	Data, Data\DBX	RSP-26484 (https://quality.embarcadero.co

		m/browse/RSP-26484)
FireDAC - Postgresql. TDataSetField does not support complex types	Data, Data\FireDAC	RSP-18998 (https://quality.embarcadero.com/browse/RSP-18998)
FDQuery.AfterOpen handler does not work in Master-Detail	Data, Data\FireDAC	RSP-24105 (https://quality.embarcadero.com/browse/RSP-24105)
The fields of TFDStoredProc component can't been updated after reopen	Data, Data\FireDAC	RSP-24436 (https://quality.embarcadero.com/browse/RSP-24436)
FireDAC - PostgreSQL wrong type length	Data, Data\FireDAC	RSP-24538 (https://quality.embarcadero.com/browse/RSP-24538)
FireDAC - login with ansi characters in connection string on PostgreSQL	Data, Data\FireDAC	RSP-24539 (https://quality.embarcadero.com/browse/RSP-24539)
FireDAC / ALTER SESSION does empty CurrentSchema on ORACLE	Data, Data\FireDAC	RSP-25519 (https://quality.embarcadero.com/browse/RSP-25519)
FireDAC.Phys has a Range Overflow (when compiled in Debug Mode)	Data, Data\FireDAC	RSP-25521 (https://quality.embarcadero.com/browse/RSP-25521)
The call of the FDQuery.AfterOpen handler to the master detail is incorrectly fixed	Data, Data\FireDAC	RSP-25528 (https://quality.embarcadero.com/browse/RSP-25528)
fiMeta in FetchOptions produces "Could not convert variant of type (Null) into type (OleStr)"	Data, Data\FireDAC	RSP-25962 (https://quality.embarcadero.com/browse/RSP-25962)
Catastrophic Failure using where clause in SQLite	Data, Data\FireDAC	RSP-25967 (https://quality.embarcadero.com/browse/RSP-25967)
NewGUID() macro returns the same GUID every time	Data, Data\FireDAC	RSP-25968 (https://quality.embarcadero.com/browse/RSP-25968)
TFDScript.EExecuteScript(const AScript: TStrings) removes all scripts!	Data, Data\FireDAC	RSP-26131 (https://quality.embarcadero.com/browse/RSP-26131)
Access violation executing FireDAC Master/Detail query when using FetchOption Unidirectional	Data, Data\FireDAC	RSP-26236 (https://quality.embarcadero.com/browse/RSP-26236)
Very slow work in FireDAC with requests in which there are fields like Memo	Data, Data\FireDAC	RSP-26267 (https://quality.embarcadero.com/browse/RSP-26267)
TFDDataset.InternalFetchRows may not detect the end of the master dataset in a	Data, Data\FireDAC	RSP-26284 (https://quality.embarcadero.co

master-detail-detail query		m/browse/RSP-26284)
FireDAC error using fiMeta in TFDQuery.FetchOptions.Info	Data, Data\FireDAC	RSP-26326 (https://quality.embarcadero.com/browse/RSP-26326)
Cannot use lock_timeout in FB and no_savepoint in IB	Data, Data\FireDAC	RSP-26512 (https://quality.embarcadero.com/browse/RSP-26512)
[FireDAC][Phys][PG][libpq] FEHLER: Spalte d.adsrc existiert nicht.	Data, Data\FireDAC	RSP-26525 (https://quality.embarcadero.com/browse/RSP-26525)
FireDAC wrong Oracle unicode CLOB field mapping	Data, Data\FireDAC	RSP-26529 (https://quality.embarcadero.com/browse/RSP-26529)
Bug with TFDQuery.Insert and TFDQuery.FormatOptions.StrsTrim	Data, Data\FireDAC	RSP-26583 (https://quality.embarcadero.com/browse/RSP-26583)
Poor performance fetching blobs using CharacterSet csUTF8	Data, Data\FireDAC	RSP-26607 (https://quality.embarcadero.com/browse/RSP-26607)
[regression]Access violation on DataSetProvider copy by "Data" property	Data, Data\IBX	RSP-26413 (https://quality.embarcadero.com/browse/RSP-26413)
REST.JsonReflect, PopulateFields broken when jsonFieldVal is TJSONArray	Data, Data\REST	RSP-25942 (https://quality.embarcadero.com/browse/RSP-25942)
TJSONUnMarshal.PopulateFields uses wrong field name to get field type	Data, Data\REST	RSP-26032 (https://quality.embarcadero.com/browse/RSP-26032)
TRestRequest URL-Segment building problem	Data, Data\REST	RSP-26576 (https://quality.embarcadero.com/browse/RSP-26576)
add libmidas.so to deployment features	Data, IDE	RSP-26483 (https://quality.embarcadero.com/browse/RSP-26483)
LInk error with FireDAC & SQLite	Data, Linker, RTL\C++	RSP-25926 (https://quality.embarcadero.com/browse/RSP-25926)
Cyrillic field names are truncated in the ClientDataSet if the field name is more than 15 characters	Data, VCL	RSP-25666 (https://quality.embarcadero.com/browse/RSP-25666)
Problem connecting to MySQL databases using the 64bit version of dbxmys.dll in 10.3.2	Data\DBX	RSP-26420 (https://quality.embarcadero.com/browse/RSP-26420)
ExtJS Web Console for Rad Server do not work when run by Apache on Linux	Data\MEAP	RSP-26073 (https://quality.embarcadero.co

		m/browse/RSP-26073)
Wrong date JSONUnMarshal for "Parse Server" date format	Data\REST	RSP-26480 (https://quality.embarcadero.com/browse/RSP-26480)
Access violation in TJSONUnMarshal.PopulateFields if array does not exist in target object	Data\REST	RSP-26591 (https://quality.embarcadero.com/browse/RSP-26591)
[REGRESSION] 64bit Windows debugger cannot evaluate const string parameters	Debugger	RSP-24471 (https://quality.embarcadero.com/browse/RSP-24471)
Debugger Inaccessible value	Debugger	RSP-25961 (https://quality.embarcadero.com/browse/RSP-25961)
Code completion close delphi	Debugger, IDE	RSP-24735 (https://quality.embarcadero.com/browse/RSP-24735)
Error in operation of StringListVisualizer	Debugger, IDE	RSP-25658 (https://quality.embarcadero.com/browse/RSP-25658)
DownloadImage sample do not work	Demos	RSP-26392 (https://quality.embarcadero.com/browse/RSP-26392)
IFMXCameraService TakePhoto , NeedSaveToAlbum True not working	FireMonkey	RSP-15820 (https://quality.embarcadero.com/browse/RSP-15820)
Chinese Input Method - Candidate Windows Display	FireMonkey	RSP-16358 (https://quality.embarcadero.com/browse/RSP-16358)
on iOS, the virtual keyboard and its toolbar (with the "Done" button) initially popup in two pieces	FireMonkey	RSP-16720 (https://quality.embarcadero.com/browse/RSP-16720)
GDI Leaks at Fmx.WebBrowser.win.pas	FireMonkey	RSP-19473 (https://quality.embarcadero.com/browse/RSP-19473)
SubdivCount is unnecessary in GetCircleSubdivCount	FireMonkey	RSP-19665 (https://quality.embarcadero.com/browse/RSP-19665)
When Scale is 125%, the rendering of the control using TCustomPopupForm will not be updated	FireMonkey	RSP-20799 (https://quality.embarcadero.com/browse/RSP-20799)
Fonts wrong ?	FireMonkey	RSP-21508 (https://quality.embarcadero.com/browse/RSP-21508)
Error in context method "doSetScissorRect"	FireMonkey	RSP-21514 (https://quality.embarcadero.co

		m/browse/RSP-21514)
OnClick-Event ist never fired for MainMenu-Item on Top-Level	FireMonkey	RSP-22016 (https://quality.embarcadero.com/browse/RSP-22016)
"Cannot begin rendering scene for TContextiOS	FireMonkey	RSP-22902 (https://quality.embarcadero.com/browse/RSP-22902)
MediaPlayerControl dissapears if combobox clicked	FireMonkey	RSP-23343 (https://quality.embarcadero.com/browse/RSP-23343)
Firemonkey application crashes on Android after focusing on TEdit with centered text	FireMonkey	RSP-23357 (https://quality.embarcadero.com/browse/RSP-23357)
BannerAd is flickering when you try to select another app on device	FireMonkey	RSP-24451 (https://quality.embarcadero.com/browse/RSP-24451)
ClipChildren with rotationAngle is not working under android	FireMonkey	RSP-24454 (https://quality.embarcadero.com/browse/RSP-24454)
Scrollable form demo doesn't work with TEdit controltype set to Platform	FireMonkey	RSP-24580 (https://quality.embarcadero.com/browse/RSP-24580)
Android 64 bit	FireMonkey	RSP-24585 (https://quality.embarcadero.com/browse/RSP-24585)
Closing a window with an open TComboEdit or TComboBox Causes a Invalid pointer operation	FireMonkey	RSP-24612 (https://quality.embarcadero.com/browse/RSP-24612)
Android, TMessageReceivedNotification: TForm ist not shown	FireMonkey	RSP-24676 (https://quality.embarcadero.com/browse/RSP-24676)
iOS TMemo set to Platform style no longer raises KeyboardWillHide event since 10.3.2	FireMonkey	RSP-25523 (https://quality.embarcadero.com/browse/RSP-25523)
Firemonkey Accessibility Pack for 10.3.2 not available	FireMonkey	RSP-25532 (https://quality.embarcadero.com/browse/RSP-25532)
Starting the camera in the CameraComponent demo on macOS prevents UI interaction	FireMonkey	RSP-25591 (https://quality.embarcadero.com/browse/RSP-25591)
TComboBox, TComboEdit, TDateEdit unselectable / unscrollable when more than one item	FireMonkey	RSP-25631 (https://quality.embarcadero.com/browse/RSP-25631)
FMX TListView::Items Filter exception	FireMonkey	RSP-25946 (https://quality.embarcadero.co

		m/browse/RSP-25946)
WebBrowser Component and Virtual Keyboard on iOS	FireMonkey	RSP-26029 (https://quality.embarcadero.com/browse/RSP-26029)
Android App with TMapView crashes	FireMonkey	RSP-26244 (https://quality.embarcadero.com/browse/RSP-26244)
TMapView error after Delphi 10.3.2	FireMonkey	RSP-26248 (https://quality.embarcadero.com/browse/RSP-26248)
Error in TAndroidDateTimePicker.Hide method	FireMonkey	RSP-26300 (https://quality.embarcadero.com/browse/RSP-26300)
iOS 13 - system font not used -> looks like "Times New Roman" now	FireMonkey	RSP-26388 (https://quality.embarcadero.com/browse/RSP-26388)
TBitmap.Map leaves bitmap locked on failure	FireMonkey	RSP-26395 (https://quality.embarcadero.com/browse/RSP-26395)
OpenDialog causes Invalid Argument when used on modal dialog macOS	FireMonkey	RSP-26517 (https://quality.embarcadero.com/browse/RSP-26517)
[Android] TTakePhotoFromCameraAction saves Image on Disk unexpectedly	FireMonkey, FireMonkey\Actions	RSP-13118 (https://quality.embarcadero.com/browse/RSP-13118)
[Android] AutoFocus mode of TCameraComponent needs additional code to start focusing	FireMonkey, FireMonkey\Components	RSP-13208 (https://quality.embarcadero.com/browse/RSP-13208)
PushNotification device token returned is in a different format in iOS 13	FireMonkey, FireMonkey\Runtime	RSP-26381 (https://quality.embarcadero.com/browse/RSP-26381)
Doc Wiki reference does not react to inherited and protected check box changes	Help and Doc	RSP-24733 (https://quality.embarcadero.com/browse/RSP-24733)
code navigation is blocked inside MACOS blocks	IDE	RSP-16220 (https://quality.embarcadero.com/browse/RSP-16220)
QuickEdit still use 10.2 registry path	IDE	RSP-22904 (https://quality.embarcadero.com/browse/RSP-22904)
Delphi XE10.2.3 crashes frequently referring to mshtml.dll..	IDE	RSP-23317 (https://quality.embarcadero.com/browse/RSP-23317)
Copy object from one form to another using clipboard	IDE	RSP-23548 (https://quality.embarcadero.co

		m/browse/RSP-23548)
Delphi code not always compiled	IDE	RSP-24100 (https://quality.embarcadero.com/browse/RSP-24100)
Rendering Project Options	IDE	RSP-24198 (https://quality.embarcadero.com/browse/RSP-24198)
Issues when minimizing items on views	IDE	RSP-24199 (https://quality.embarcadero.com/browse/RSP-24199)
wsdl import don't prompt for certificate	IDE	RSP-24224 (https://quality.embarcadero.com/browse/RSP-24224)
Crash IDE 10.3.1 - Access Violation rtl260.bpl	IDE	RSP-24302 (https://quality.embarcadero.com/browse/RSP-24302)
Crash on Delphi start	IDE	RSP-24685 (https://quality.embarcadero.com/browse/RSP-24685)
GetIt-Paket-Manager hangs and forces IDE to crash	IDE	RSP-24711 (https://quality.embarcadero.com/browse/RSP-24711)
Code Completion Colours - Bug	IDE	RSP-25594 (https://quality.embarcadero.com/browse/RSP-25594)
Debug does not work for Classic compiler	IDE	RSP-25943 (https://quality.embarcadero.com/browse/RSP-25943)
No Delete Desktop Item	IDE	RSP-26033 (https://quality.embarcadero.com/browse/RSP-26033)
Install designtime package => runtime error 236	IDE	RSP-26099 (https://quality.embarcadero.com/browse/RSP-26099)
"Catastrophic failure"	IDE	RSP-26345 (https://quality.embarcadero.com/browse/RSP-26345)
[L10N FR/JA] Truncated labels on Service wizard	IDE	RSP-26391 (https://quality.embarcadero.com/browse/RSP-26391)
[regression]Automatic build did not start after exe deletion	IDE	RSP-26431 (https://quality.embarcadero.com/browse/RSP-26431)
Break point Window not usable with dark theme	IDE	RSP-26511 (https://quality.embarcadero.com/browse/RSP-26511)

		m/browse/RSP-26511)
Provide support for the 'App Bundle' publishing format - Phase 1	IDE, IDE\Build System, IDE\Deployment	RSP-25625 (https://quality.embarcadero.com/browse/RSP-25625)
After resizing TGroupBox control, suddenly this message "Invalid operation pointer" appeared.	IDE, VCL	RSP-26133 (https://quality.embarcadero.com/browse/RSP-26133)
Start Delphi starts Installation	Install	RSP-26118 (https://quality.embarcadero.com/browse/RSP-26118)
Avoid SHFileOperation call in installer for Windows 7 single core	Install	RSP-26295 (https://quality.embarcadero.com/browse/RSP-26295)
Win64 Link terminated if delayload enabled	Linker	RSP-15948 (https://quality.embarcadero.com/browse/RSP-15948)
Linker is failing with 64 bit build [std::any]	Linker	RSP-25901 (https://quality.embarcadero.com/browse/RSP-25901)
[10.3.3 Regression] Cannot retrieve provisioning profiles from PAServer on MacOS 10.15 Catalina	PAServer	RSP-25526 (https://quality.embarcadero.com/browse/RSP-25526)
Add C++11 algorithms	RTL, RTL\C++	RSP-13759 (https://quality.embarcadero.com/browse/RSP-13759)
[Dinkumware x86, x64] wchar_t* version of fstream cannot open Unicode file name correctly	RTL, RTL\C++	RSP-16020 (https://quality.embarcadero.com/browse/RSP-16020)
TThread memory leak in standalone 64-bit C++Builder VCL application	RTL, RTL\C++	RSP-18970 (https://quality.embarcadero.com/browse/RSP-18970)
[Regression] std::is_enum and scoped enums	RTL, RTL\C++	RSP-23296 (https://quality.embarcadero.com/browse/RSP-23296)
Win64 _thread_data_del Access Violation on process termination	RTL, RTL\C++	RSP-25633 (https://quality.embarcadero.com/browse/RSP-25633)
C++Builder System.JSON throws link error for Single types	RTL, RTL\C++	RSP-26150 (https://quality.embarcadero.com/browse/RSP-26150)
TStringList::SaveToFile AccessViolation/Abnormal Program Term. if Path does not exist	RTL, RTL\C++	RSP-26428 (https://quality.embarcadero.com/browse/RSP-26428)
[Win64] Unresolved external pow10 in 64-bit C++ project	RTL, RTL\C++, RTL\C++\Math	RSP-15898 (https://quality.embarcadero.com/browse/RSP-15898)

		m/browse/RSP-15898)
defines <code>_CONST_DATA</code> and <code>_CONST_FUNC</code> are not <code>#defined</code> in std library	RTL, RTL\C++, RTL\C++\STL	RSP-13303 (https://quality.embarcadero.com/browse/RSP-13303)
Using TJSON->TryGetValue in a C++ project results in a link error	RTL, RTL\Delphi	RSP-20152 (https://quality.embarcadero.com/browse/RSP-20152)
SysUtils.InternalTextToCurrency accesses a string out of bounds	RTL, RTL\Delphi	RSP-24362 (https://quality.embarcadero.com/browse/RSP-24362)
I'm having trouble running Delphi 10.3.1 every time I try to run an error message appears from the rtl206.bpl file	RTL, RTL\Delphi	RSP-24420 (https://quality.embarcadero.com/browse/RSP-24420)
TNetHTTPClient - ConnectionTimeout not working	RTL, RTL\Delphi	RSP-24629 (https://quality.embarcadero.com/browse/RSP-24629)
Indy threads have a race condition that can result in a double-free	RTL, RTL\Delphi	RSP-24708 (https://quality.embarcadero.com/browse/RSP-24708)
Regression bug in function VarAsType	RTL, RTL\Delphi	RSP-25581 (https://quality.embarcadero.com/browse/RSP-25581)
[macOS 64] RTTI fundamentally broken	RTL, RTL\Delphi	RSP-25899 (https://quality.embarcadero.com/browse/RSP-25899)
Memoryleak in System.SyncObjs.TMultiWaitEventImpl	RTL, RTL\Delphi	RSP-25999 (https://quality.embarcadero.com/browse/RSP-25999)
Memoryleak in System.Zip.TZipFile	RTL, RTL\Delphi	RSP-26034 (https://quality.embarcadero.com/browse/RSP-26034)
Optimize System.TypInfo.GetConstRecordArgMode	RTL, RTL\Delphi	RSP-26071 (https://quality.embarcadero.com/browse/RSP-26071)
Fix TObject.CleanupInstance to avoid unnecessary loop	RTL, RTL\Delphi	RSP-26102 (https://quality.embarcadero.com/browse/RSP-26102)
TBluetooth component on macOS 64 bits doesn't work	RTL, RTL\Delphi	RSP-26355 (https://quality.embarcadero.com/browse/RSP-26355)
TRttiRecordMethod.DispatchInvoke doesn't work for constructor	RTL, RTL\Delphi	RSP-26358 (https://quality.embarcadero.com/browse/RSP-26358)
Error in TVirtualInterface if the function uses the safecall conversion in all platforms	RTL, RTL\Delphi	RSP-26389 (https://quality.embarcadero.com/browse/RSP-26389)

		m/browse/RSP-26389)
Error in call "invoke" with parameter of type of string[n]	RTL, RTL\Delphi	RSP-26566 (https://quality.embarcadero.com/browse/RSP-26566)
EVariantTypeCastError when convert a UnicodeString variant to boolean	RTL, RTL\Delphi	RSP-26610 (https://quality.embarcadero.com/browse/RSP-26610)
iOS 12.2 push notifications error	RTL, RTL\Delphi, RTL\Delphi\Other	RSP-24579 (https://quality.embarcadero.com/browse/RSP-24579)
Rtti Invoke tries to pass ShortString with length <= 4 as value	RTL\Delphi	RSP-26612 (https://quality.embarcadero.com/browse/RSP-26612)
DecodeISO8601Time fails if no colon in the time zone offset	RTL\Delphi\Date/Time	RSP-26545 (https://quality.embarcadero.com/browse/RSP-26545)
RESTRequest->Execute() causing crash and close of android app	RTL\Delphi\Net	RSP-23424 (https://quality.embarcadero.com/browse/RSP-23424)
THTTPClient doesn't use System Proxy by default, breaks existing code.	RTL\Delphi\Net	RSP-25668 (https://quality.embarcadero.com/browse/RSP-25668)
TNetHTTPClient onAuthEvent credentials persist after credentials error	RTL\Delphi\Net	RSP-26163 (https://quality.embarcadero.com/browse/RSP-26163)
TNetHTTPClient - Async post with TMultiPartFormData wont send data	RTL\Delphi\Net	RSP-26212 (https://quality.embarcadero.com/browse/RSP-26212)
TSOAPDomConv.SetObjectPropFromText problem parsing Cardinal	SOAP	RSP-15791 (https://quality.embarcadero.com/browse/RSP-15791)
TXSDatetime (example : '30.12.1899 09:18:54') on Android	SOAP	RSP-21849 (https://quality.embarcadero.com/browse/RSP-21849)
HTTPRIO ENetHTTPClientException Error receiving data: (12152)	SOAP	RSP-25595 (https://quality.embarcadero.com/browse/RSP-25595)
SOAP/HTTP: Authentication via NTLM with the currently logged on user not possible	SOAP	RSP-26161 (https://quality.embarcadero.com/browse/RSP-26161)
SOAP client: Change in behavior between C++Builder (probably also Delphi) 10.2.3 Tokyo and 10.3.2 Rio when webservice uses NTLM authentication	SOAP	RSP-26412 (https://quality.embarcadero.com/browse/RSP-26412)
SoapAction field not added to the request header	SOAP	RSP-26586 (https://quality.embarcadero.co

		m/browse/RSP-26586)
Issue identical to RSP-10714 on RAD studio xe10.3.1	VCL	RSP-24284 (https://quality.embarcadero.com/browse/RSP-24284)
TOleContainer not working if Windows Display scale more than 100%	VCL	RSP-24501 (https://quality.embarcadero.com/browse/RSP-24501)
TImage -> JPEG on 64-Bit	VCL	RSP-25655 (https://quality.embarcadero.com/browse/RSP-25655)
[Regression in 10.3.2] Access Violation when creating D2DFactory	VCL	RSP-25657 (https://quality.embarcadero.com/browse/RSP-25657)
Error "Invalid pointer operation"	VCL	RSP-26119 (https://quality.embarcadero.com/browse/RSP-26119)
DBGrid bad drawing on mouse click	VCL	RSP-26398 (https://quality.embarcadero.com/browse/RSP-26398)
Menu Drawing Bug with VCL Styles enabled	VCL	RSP-26553 (https://quality.embarcadero.com/browse/RSP-26553)
Hint does change Z order	VCL	RSP-26555 (https://quality.embarcadero.com/browse/RSP-26555)

See Also

- [10.3 Rio - Release 3](#)

Retrieved from "http://docwiki.embarcadero.com/RADStudio/Rio/e/index.php?title=New_features_and_customer_reported_issues_fixed_in_RAD_Studio_10.3.3&oldid=270372"

This page was last edited on 19 November 2019, at 10:34.