

New features and customer reported issues fixed in RAD Studio 12.0

RAD Studio™ is the ultimate RAD environment for quickly building high-performance native cross-platform applications in Delphi and modern C++ using integrated toolchains loved by developers.

Note: See *Fixed Issues in other RAD Studio Athens releases:*

- [New features and customer reported issues fixed in RAD Studio 12.1](#)

RAD Studio 12 Athens consists of new features, enhancements, and quality improvements.

Key RAD Studio 12 Features

- Installer Enhancements
 - New Feature Manager
 - Updates to Libraries
 - GetIt Quality Improvements
- IDE Enhancements
 - Searching
 - CodeInsight and DelphiLSP
 - Visual Assist for C++
 - New WinAPI App Wizard for C++
 - General IDE Enhancements
 - IDE Quality Enhancements
- Debugger Improvements
- Skia Integration
 - Vulkan Backend
 - Skia Shading Language (SKSL)
 - Skia C++ Builder Support
- Delphi Compiler
 - Long and Multiline String Literals
 - Support NaN comparisons as required by IEEE
 - New LLVM Symbol
 - Delphi Exporting the uses Graph in a GraphViz file
- C++ Builder
 - Removed iOS and Android
 - Clang Upgrade
- Delphi RTL

- GetCompilerVersion and GetRTLVersion
- Disabling Floating-Point Exceptions on All Platforms
- List, Arrays, and Collections Improvements
- Improved Support for UTF files without BOM
- Data and Internet
 - JSON and the JSON Data Binding Wizard
 - IBLite/IBToGo for iOS Simulator
 - RAD Server
 - Paging Improvements
 - Sqids for URLs
 - RAD Server Session Authentication Improvements
- FireDAC
 - QBE
 - FireDAC SQLite Version Update
 - FireDAC and Security
- VCL
 - MDI Reworked for HighDPI and Styles
 - TFormTabsBar Control
 - Fonts and Screen
 - Edge Browser
 - Tile View Support to TListView
 - TControl Enumerator
 - New ShowInTaskbar Form property
 - Desktop Windows Manager Enhancements
 - New Double Buffering Mode
- FireMonkey
 - Android Target API Level 33
 - Split Screen Support
 - TEdit and TMemo Improvements
 - All Platforms Single Icon and Android Adaptive Icon
- ToolsAPI

For a detailed list of new features, please visit the [What's New](#) page.

Publicly reported bugs fixed in 12.0

RAD Studio 12.0 Athens release includes over 500 quality and performance enhancements, including fixes for publicly reported bugs.

| Summary | Component/s | ExternalID |
|---|---|---|
| TChart may crash your entire application (and system) if given some particular data | 3rd Party | RSP-39828 (https://quality.embarcadero.com/browse/RSP-39828) |
| TeeChart does not scale well in multi-monitor multi-dpi environments | 3rd Party | RSP-26351 (https://quality.embarcadero.com/browse/RSP-26351) |
| Warning suppressed in generic classes | Compiler | RSP-10506 (https://quality.embarcadero.com/browse/RSP-10506) |
| MSBuild Error "GetitCmd" task failed unexpectedly error | Compiler, Compiler\C++ | RSP-39099 (https://quality.embarcadero.com/browse/RSP-39099) |
| c++ program does not catch exceptions | Compiler, Compiler\C++ | RSP-20067 (https://quality.embarcadero.com/browse/RSP-20067) |
| sysmac.h compilation error | Compiler, Compiler\C++, Compiler\C++\CLANG, Compiler\C++\CLANG\Delphi interop | RSP-41791 (https://quality.embarcadero.com/browse/RSP-41791) |
| RAD Server error Resource not found: GET VTest" | Compiler, Compiler\C++, Data\MEAP, Debugger | RSP-41323 (https://quality.embarcadero.com/browse/RSP-41323) |
| C++ Console Application wizard is broken. | Compiler, Compiler\C++, IDE | RSP-10796 (https://quality.embarcadero.com/browse/RSP-10796) |
| findfirst stopped working for win64/bcc64 | Compiler, Compiler\C++, RTL\C++ | RSP-39407 (https://quality.embarcadero.com/browse/RSP-39407) |
| Default XML documentation output directory | Compiler, Compiler\Delphi | RSP-38936 (https://quality.embarcadero.com/browse/RSP-38936) |
| String literals more then 255 chars | Compiler, Compiler\Delphi | RSP-41138 (https://quality.embarcadero.com/browse/RSP-41138) |
| Remove 255 char const string literal size! | Compiler, Compiler\Delphi | RSP-12499 (https://quality.embarcadero.com/browse/RSP-12499) |

| | | |
|--|---------------------------|--|
| | | m/browse/RSP-12499) |
| Add support for Multiline string literals | Compiler, Compiler\Delphi | RSP-16974 (https://quality.embarcadero.com/browse/RSP-16974) |
| compiler dont release string if string is declared in inline way | Compiler, Compiler\Delphi | RSP-33604 (https://quality.embarcadero.com/browse/RSP-33604) |
| Inline Captured Variable Leak With Anonymous Procedure | Compiler, Compiler\Delphi | RSP-34818 (https://quality.embarcadero.com/browse/RSP-34818) |
| E2232 Interface 'IMetaDataDispenserEx' has no interface identification | Compiler, Compiler\Delphi | RSP-37892 (https://quality.embarcadero.com/browse/RSP-37892) |
| URW1237 again | Compiler, Compiler\Delphi | RSP-31224 (https://quality.embarcadero.com/browse/RSP-31224) |
| [XE11.1] Infinite loop while (-NAN>-NAN). | Compiler, Compiler\Delphi | RSP-38639 (https://quality.embarcadero.com/browse/RSP-38639) |
| xmldoc spoils bulleted list | Compiler, Compiler\Delphi | RSP-27735 (https://quality.embarcadero.com/browse/RSP-27735) |
| Compilation fails with DBG3603 | Compiler, Compiler\Delphi | RSP-40643 (https://quality.embarcadero.com/browse/RSP-40643) |
| Comparisons with NaN return true | Compiler, Compiler\Delphi | RSP-19882 (https://quality.embarcadero.com/browse/RSP-19882) |
| Length() returns incorrect length for open array parameters in x64 | Compiler, Compiler\Delphi | RSP-12438 (https://quality.embarcadero.com/browse/RSP-12438) |
| Value M-record parameters: inefficient CopyRecord | Compiler, Compiler\Delphi | RSP-28950 (https://quality.embarcadero.com/browse/RSP-28950) |
| CODEGEN bug in managed fields initialization, associated with new management operators 2 | Compiler, Compiler\Delphi | RSP-35397 (https://quality.embarcadero.com) |

| | | |
|--|---------------------------------------|--|
| | | m/browse/RSP-35397) |
| Compiler confuses unit names in project group | Compiler, Compiler\Delphi | RSP-39293 (https://quality.embarcadero.com/browse/RSP-39293) |
| Bug in instruction "MOVZX SI,SIL" generation in x64 target mode | Compiler, Compiler\Delphi | RSP-39839 (https://quality.embarcadero.com/browse/RSP-39839) |
| Math.NaN (Delphi) incorrectly translated in HPP file | Compiler, Compiler\Delphi | RSP-19066 (https://quality.embarcadero.com/browse/RSP-19066) |
| Value M-record parameters: unneeded InitializeRecord | Compiler, Compiler\Delphi | RSP-28855 (https://quality.embarcadero.com/browse/RSP-28855) |
| Code Insight not very helpful | Compiler, Compiler\Delphi | RSP-17110 (https://quality.embarcadero.com/browse/RSP-17110) |
| TThreadedQueue doesn't work with initialized records | Compiler, Compiler\Delphi | RSP-39018 (https://quality.embarcadero.com/browse/RSP-39018) |
| AV when invoking a method with RTTI | Compiler, Compiler\Delphi | RSP-40414 (https://quality.embarcadero.com/browse/RSP-40414) |
| Compiler should not use div instruction when divisor is a constant | Compiler, Compiler\Delphi | RSP-36121 (https://quality.embarcadero.com/browse/RSP-36121) |
| Anonymous methods with captures confuse the debugger | Compiler, Compiler\Delphi, Debugger | RSP-9917 (https://quality.embarcadero.com/browse/RSP-9917) |
| Combination of code breaks debugging of the whole project (x64 only) | Compiler, Compiler\Delphi, Debugger | RSP-38779 (https://quality.embarcadero.com/browse/RSP-38779) |
| System.Length and High does not generate optimal code on Win32 | Compiler, Compiler\Delphi, RTL\Delphi | RSP-30097 (https://quality.embarcadero.com/browse/RSP-30097) |
| Form name does not work with 'ä' | Compiler, Compiler\Delphi, VCL | RSP-36118 (https://quality.embarcadero.com) |

| | | |
|--|-------------------------|---|
| | | m/browse/RSP-36118) |
| The ClientDataSet ignores the value of the "Origin" property of fields when applying updates. | Data | RSP-41287 (https://quality.embarcadero.com/browse/RSP-41287) |
| SQLite on Android, the app crashes when attempting to insert duplicated data into a table that has a unique index on the field | Data | RSP-41802 (https://quality.embarcadero.com/browse/RSP-41802) |
| Empty files can't be uploaded as block blob to an Azure Blob Storage using the AzureAPI | Data, Data\Cloud | RSP-40563 (https://quality.embarcadero.com/browse/RSP-40563) |
| TDGrid should allow live updates while scroll bar is being dragged | Data, Data\DBCtrls, VCL | RSP-35540 (https://quality.embarcadero.com/browse/RSP-35540) |
| TDBLookupComboBox don't show the Scrollbar | Data, Data\DBCtrls, VCL | RSP-39970 (https://quality.embarcadero.com/browse/RSP-39970) |
| TDBRichEdit won't set dataset in edit mode | Data, Data\DBCtrls, VCL | RSP-40045 (https://quality.embarcadero.com/browse/RSP-40045) |
| DBGrid and Picklist. The drop-down list button is no longer accessible | Data, Data\DBCtrls, VCL | RSP-40831 (https://quality.embarcadero.com/browse/RSP-40831) |
| Inserting a row to Dataset delay when lookup TFields target at big table | Data, Data\DBCtrls | RSP-40506 (https://quality.embarcadero.com/browse/RSP-40506) |
| DBX Firebird Client should interpret UTF8 character set as unicode | Data, Data\DBX | RSP-37064 (https://quality.embarcadero.com/browse/RSP-37064) |
| Property to customize the Cancel button on TFDGUIxAsyncExecuteDialog | Data, Data\FireDAC | RSP-36604 (https://quality.embarcadero.com/browse/RSP-36604) |
| FireDAC does not support ftTimeStampOffset data type, only ftTimeStamp. | Data, Data\FireDAC | RSP-28292 (https://quality.embarcadero.com/browse/RSP-28292) |
| Can get the number of connections in the FireDAC pool | Data, Data\FireDAC | RSP-40529 (https://quality.embarcadero.com/browse/RSP-40529) |

| | | |
|---|--------------------|---|
| | | m/browse/RSP-40529) |
| Date/Time Macros HOUR, MINUTE and SECOND need typecast for PostgreSQL | Data, Data\FireDAC | RSP-41920 (https://quality.embarcadero.com/browse/RSP-41920) |
| FireDAC Datasnap HTTP Protocol | Data, Data\FireDAC | RSP-34444 (https://quality.embarcadero.com/browse/RSP-34444) |
| TFDTable raises exception while creating table with primary key constraint | Data, Data\FireDAC | RSP-41958 (https://quality.embarcadero.com/browse/RSP-41958) |
| SQLite and LocalSQL bug | Data, Data\FireDAC | RSP-41530 (https://quality.embarcadero.com/browse/RSP-41530) |
| Bug when TFDBatchMoveTextReader read csv UTF-8 encoded file | Data, Data\FireDAC | RSP-41946 (https://quality.embarcadero.com/browse/RSP-41946) |
| TFDBatchMoveTextReader.DataDef.Fields.Items[].FieldName Is Empty When File Only Contains Header Row | Data, Data\FireDAC | RSP-40637 (https://quality.embarcadero.com/browse/RSP-40637) |
| Loading multiple odbc drivers at runtime | Data, Data\FireDAC | RSP-40416 (https://quality.embarcadero.com/browse/RSP-40416) |
| FDGetVersionInfo uses unsafe call to GetFileVersionInfo | Data, Data\FireDAC | RSP-41243 (https://quality.embarcadero.com/browse/RSP-41243) |
| FireDac-Query -Oracle - ORA-345: Daten zu groß für Variable [:BAS] | Data, Data\FireDAC | RSP-40516 (https://quality.embarcadero.com/browse/RSP-40516) |
| FireDAC Working dialog doesn't properly scale | Data, Data\FireDAC | RSP-41792 (https://quality.embarcadero.com/browse/RSP-41792) |
| Date/Time Macros CUR...() and CURRENT_...() are incorrect for SQL Anywhere | Data, Data\FireDAC | RSP-41913 (https://quality.embarcadero.com/browse/RSP-41913) |
| SQLite DDL not fully supported | Data, Data\FireDAC | RSP-40547 (https://quality.embarcadero.com/browse/RSP-40547) |

| | | |
|--|-------------------------------------|--|
| | | m/browse/RSP-40547) |
| Error executing SQL in SQLite Firedac | Data, Data\FireDAC | RSP-42413 (https://quality.embarcadero.com/browse/RSP-42413) |
| Delphi Windows Enterprise not contains some x64 Debug DCU | Data, Data\IBX, Install | RSP-41154 (https://quality.embarcadero.com/browse/RSP-41154) |
| Interface Not Supported' Exception when using Managed Bindings on FMX Controls | Data, Data\LiveBindings | RSP-38214 (https://quality.embarcadero.com/browse/RSP-38214) |
| No observer support for TComboEdit. | Data, Data\LiveBindings, FireMonkey | RSP-38705 (https://quality.embarcadero.com/browse/RSP-38705) |
| Access violation when try to do loadfromstream for client dataset | Data, Data\Midas | RSP-42151 (https://quality.embarcadero.com/browse/RSP-42151) |
| TAggregateField not calculated when Index of ClientDataset changes | Data, Data\Midas | RSP-40387 (https://quality.embarcadero.com/browse/RSP-40387) |
| Add built-in serialization of TGUID in REST.JsonReflect | Data, Data\REST | RSP-40496 (https://quality.embarcadero.com/browse/RSP-40496) |
| Introduce TCustomRESTRequest.OnBeforeExecute | Data, Data\REST | RSP-41786 (https://quality.embarcadero.com/browse/RSP-41786) |
| "set" support in REST.Json | Data, Data\REST | RSP-41877 (https://quality.embarcadero.com/browse/RSP-41877) |
| REST.JSON ignores property setters | Data, Data\REST | RSP-26262 (https://quality.embarcadero.com/browse/RSP-26262) |
| Function TCustomRESTRequest.GetFullURL putting slash before the full URL | Data, Data\REST | RSP-41732 (https://quality.embarcadero.com/browse/RSP-41732) |
| RESTResponse component does not return content | Data, Data\REST | RSP-41180 (https://quality.embarcadero.com) |

| | | |
|--|---------------------------------|---|
| | | m/browse/RSP-41180) |
| RESTDemos Sample for dropbox fails due to browser incompatibility | Data, Data\REST, Demos | RSP-39901 (https://quality.embarcadero.com/browse/RSP-39901) |
| Delphi REST API / TRESTRequest broken for OData APIs | Data, Data\REST, RTL\Delphi\Net | RSP-40726 (https://quality.embarcadero.com/browse/RSP-40726) |
| RESTRequest should accept multi part ContentType | Data, Data\REST, RTL\Delphi\Net | RSP-40549 (https://quality.embarcadero.com/browse/RSP-40549) |
| JSON is corrupted when added to header of TRESTRequest in Android. | Data, Data\REST, RTL\Delphi\Net | RSP-41931 (https://quality.embarcadero.com/browse/RSP-41931) |
| Wrong REST handling when certificate is needed | Data, Data\REST, RTL\Delphi\Net | RSP-38070 (https://quality.embarcadero.com/browse/RSP-38070) |
| Event OnValidate fails when the dbgrid is full | Data, IDE, VCL | RSP-40802 (https://quality.embarcadero.com/browse/RSP-40802) |
| Web Console for Rad Server do not show number of API calls when run by apache on linux | Data\MEAP | RSP-26961 (https://quality.embarcadero.com/browse/RSP-26961) |
| It is not possible to debug 64-bit RAD Server packages | Data\MEAP, Debugger | RSP-41420 (https://quality.embarcadero.com/browse/RSP-41420) |
| Debugger: Copy selected Call Stack item(s) | Debugger | RSP-39513 (https://quality.embarcadero.com/browse/RSP-39513) |
| Debugging: No Breakpoints | Debugger | RSP-41473 (https://quality.embarcadero.com/browse/RSP-41473) |
| Unable to "detach from program" after deploy to Android | Debugger | RSP-22239 (https://quality.embarcadero.com/browse/RSP-22239) |
| OSX DELPHI Debugging requires c++ syntax to see watches and is case sensitive | Debugger | RSP-28297 (https://quality.embarcadero.com/browse/RSP-28297) |

| | | |
|--|------------------------------|---|
| | | m/browse/RSP-28297) |
| Debugging a procedure nested inside a procedure of a public method of a datamodule leaves me unable to debug/evaluate local variables that are defined on the public method. | Debugger | RSP-38913 (https://quality.embarcadero.com/browse/RSP-38913) |
| Debugger seems not able to handle trivial Delphi program using inline variable declarations | Debugger | RSP-39997 (https://quality.embarcadero.com/browse/RSP-39997) |
| Invalid debug information for FireDAC runtime packages | Debugger | RSP-36616 (https://quality.embarcadero.com/browse/RSP-36616) |
| Watch List doesn't work in program begin end scope | Debugger | RSP-38829 (https://quality.embarcadero.com/browse/RSP-38829) |
| Some debugging features (watch list, tooltip expression) not working for Console applications | Debugger | RSP-30759 (https://quality.embarcadero.com/browse/RSP-30759) |
| Unable To Modify Value During Debug | Debugger, Debugger\Evaluator | RSP-35660 (https://quality.embarcadero.com/browse/RSP-35660) |
| Secondary Edit Window disappears on F9 depending on focus | Debugger, IDE | RSP-35120 (https://quality.embarcadero.com/browse/RSP-35120) |
| F2084 Internal Error: AV06280130(061C0000)-R00000004-0 | Debugger, IDE | RSP-33386 (https://quality.embarcadero.com/browse/RSP-33386) |
| Compiler error on sample FMMusicPlayer.dproj (Release, Android64) | Demos | RSP-26904 (https://quality.embarcadero.com/browse/RSP-26904) |
| Unable to activate switch on Location Sensor Demo | Demos, FireMonkey | RSP-28631 (https://quality.embarcadero.com/browse/RSP-28631) |
| Support Android splitt screen mode | FireMonkey | RSP-27965 (https://quality.embarcadero.com/browse/RSP-27965) |
| Support Samsung Smartphone with foldable Infinity-Flex-Display | FireMonkey | RSP-21560 (https://quality.embarcadero.com/browse/RSP-21560) |

| | | |
|---|------------|---|
| | | m/browse/RSP-21560) |
| TGridPanelLayout new SizeStyle : Weight | FireMonkey | RSP-26319 (https://quality.embarcadero.com/browse/RSP-26319) |
| TagFloat in TListItem and TListViewItem | FireMonkey | RSP-41881 (https://quality.embarcadero.com/browse/RSP-41881) |
| readonly property Text for TComboBox (FMX) | FireMonkey | RSP-29811 (https://quality.embarcadero.com/browse/RSP-29811) |
| [TMemo][Android] Problems with selecting big text clips while scrolling | FireMonkey | RSP-19388 (https://quality.embarcadero.com/browse/RSP-19388) |
| FMX TEdit and TMemo undo/redo issues | FireMonkey | RSP-36895 (https://quality.embarcadero.com/browse/RSP-36895) |
| add ReturnKeyType on TNumberBox component | FireMonkey | RSP-19327 (https://quality.embarcadero.com/browse/RSP-19327) |
| Publishing Anchors property on FMX TGlyph component | FireMonkey | RSP-34531 (https://quality.embarcadero.com/browse/RSP-34531) |
| TLocationSensor ErrorRadius | FireMonkey | RSP-37755 (https://quality.embarcadero.com/browse/RSP-37755) |
| TEdit doesn't consider a foreground brush resource | FireMonkey | RSP-40621 (https://quality.embarcadero.com/browse/RSP-40621) |
| Scaling components within a scrollbox does not result in scrollbars if expected | FireMonkey | RSP-32399 (https://quality.embarcadero.com/browse/RSP-32399) |
| Remove TCanvas global lock optionally | FireMonkey | RSP-37232 (https://quality.embarcadero.com/browse/RSP-37232) |
| Optimize TextToShortCut in FMX.ActnList | FireMonkey | RSP-26926 (https://quality.embarcadero.com/browse/RSP-26926) |

| | | |
|---|------------|--|
| | | m/browse/RSP-26926) |
| Enhance FMX touch mechanism because it has some serious issues | FireMonkey | RSP-35272 (https://quality.embarcadero.com/browse/RSP-35272) |
| TArc.EndAngle ignoring value = 0 when project opening | FireMonkey | RSP-23192 (https://quality.embarcadero.com/browse/RSP-23192) |
| TSelection not working as expected | FireMonkey | RSP-41773 (https://quality.embarcadero.com/browse/RSP-41773) |
| [macOS] Memory Leak TBitmapCodecQuartz.LoadThumbnailFromFile | FireMonkey | RSP-37362 (https://quality.embarcadero.com/browse/RSP-37362) |
| Apps not compatible with Android 7 split-screen mode | FireMonkey | RSP-17001 (https://quality.embarcadero.com/browse/RSP-17001) |
| Firemonkey TButton cancel=True will not fire when focus on itself | FireMonkey | RSP-40034 (https://quality.embarcadero.com/browse/RSP-40034) |
| FMX TEdit.SelText is read only, contrary to expectation and official documentation | FireMonkey | RSP-36792 (https://quality.embarcadero.com/browse/RSP-36792) |
| MakeScreenshot does it partially If the object is outside the visible area | FireMonkey | RSP-34121 (https://quality.embarcadero.com/browse/RSP-34121) |
| PAServer doesn't generate exportOptions.plist correctly | FireMonkey | RSP-38828 (https://quality.embarcadero.com/browse/RSP-38828) |
| FMX form designer: stuck in LMB down state when creating a selection rectangle going beyond the form's bounds | FireMonkey | RSP-36729 (https://quality.embarcadero.com/browse/RSP-36729) |
| Android Device Docking Terminates App | FireMonkey | RSP-20479 (https://quality.embarcadero.com/browse/RSP-20479) |
| TMultiView width is always resetted to DefaultWidth 250 | FireMonkey | RSP-29775 (https://quality.embarcadero.com) |

| | | |
|---|------------|--|
| | | m/browse/RSP-29775) |
| Delphi: can't add sub-subclass of TTabItem to TTabControl | FireMonkey | RSP-23539 (https://quality.embarcadero.com/browse/RSP-23539) |
| Actions do not update menu shortcuts (FireMonkey) | FireMonkey | RSP-40793 (https://quality.embarcadero.com/browse/RSP-40793) |
| Shortcuts i TActionList does not work in 11.3 FMX | FireMonkey | RSP-40805 (https://quality.embarcadero.com/browse/RSP-40805) |
| Applications using D2D canvas cant handle dxgi errors and fail | FireMonkey | RSP-23303 (https://quality.embarcadero.com/browse/RSP-23303) |
| Gridpanellayout stil have calculation problems | FireMonkey | RSP-39199 (https://quality.embarcadero.com/browse/RSP-39199) |
| Missing {\$ENDREGION} in FMX.ListView.Appearances | FireMonkey | RSP-41981 (https://quality.embarcadero.com/browse/RSP-41981) |
| Pressing the accelerator key will produce a warning sound. | FireMonkey | RSP-36461 (https://quality.embarcadero.com/browse/RSP-36461) |
| Wrong {\$ENDREGION} in Fmx.Bind.GenData | FireMonkey | RSP-41979 (https://quality.embarcadero.com/browse/RSP-41979) |
| Cannot delete the first charactor of an unconfmed string in Edit | FireMonkey | RSP-34622 (https://quality.embarcadero.com/browse/RSP-34622) |
| TMainMenu accelerators do not work when premium style used | FireMonkey | RSP-18661 (https://quality.embarcadero.com/browse/RSP-18661) |
| [Android] Using CharCase of anything other than ecNormal in TMemo causes issues with caret position | FireMonkey | RSP-29850 (https://quality.embarcadero.com/browse/RSP-29850) |
| FMX TMemo Emoji Cursor does not go end of line | FireMonkey | RSP-32090 (https://quality.embarcadero.com) |

| | | |
|--|------------|--|
| | | m/browse/RSP-32090) |
| [TComboBox] TComboBox.ListBoxResource ignored | FireMonkey | RSP-36079 (https://quality.embarcadero.com/browse/RSP-36079) |
| A PopupMenu is also scaled, when the popup-component is in an scaled layout | FireMonkey | RSP-37502 (https://quality.embarcadero.com/browse/RSP-37502) |
| memory leak when closing a program with firemonkey styles applied | FireMonkey | RSP-40239 (https://quality.embarcadero.com/browse/RSP-40239) |
| Memory leak in Win32 | FireMonkey | RSP-37498 (https://quality.embarcadero.com/browse/RSP-37498) |
| Cannot navigate between controls on FMX form with frames containing controls | FireMonkey | RSP-38212 (https://quality.embarcadero.com/browse/RSP-38212) |
| Wrong image orientation using action TakePhotoFromLibrary on Android | FireMonkey | RSP-38856 (https://quality.embarcadero.com/browse/RSP-38856) |
| FlowLayout does not arrange the last line correctly | FireMonkey | RSP-33644 (https://quality.embarcadero.com/browse/RSP-33644) |
| Missing end quote region name TFMXDialogService in FMX.Dialogs.Mac | FireMonkey | RSP-41980 (https://quality.embarcadero.com/browse/RSP-41980) |
| Zoom popping up on show password | FireMonkey | RSP-28491 (https://quality.embarcadero.com/browse/RSP-28491) |
| FMX TCommonCustomForm.Keydown() converts F4 to 's' and trigger my button's click() | FireMonkey | RSP-33939 (https://quality.embarcadero.com/browse/RSP-33939) |
| TMemo does not handle correctly cursor keys (available on Swiftkey for android) | FireMonkey | RSP-19387 (https://quality.embarcadero.com/browse/RSP-19387) |
| TMemo: Wrong actual input caret position (Android) | FireMonkey | RSP-20777 (https://quality.embarcadero.com) |

| | | |
|--|------------|--|
| | | m/browse/RSP-20777) |
| App Crash when paste to Android TMemor. | FireMonkey | RSP-28832 (https://quality.embarcadero.com/browse/RSP-28832) |
| TEdit.OnValidate not called under Android | FireMonkey | RSP-35211 (https://quality.embarcadero.com/browse/RSP-35211) |
| Wrong result of TControl.PaintTo with effects | FireMonkey | RSP-40773 (https://quality.embarcadero.com/browse/RSP-40773) |
| The photo color of iOS contacts is wrong | FireMonkey | RSP-40756 (https://quality.embarcadero.com/browse/RSP-40756) |
| TEdit OnKeyDown behaviour | FireMonkey | RSP-11102 (https://quality.embarcadero.com/browse/RSP-11102) |
| [Desktops] Wrong behavior of FMX TEdit in password mode | FireMonkey | RSP-38428 (https://quality.embarcadero.com/browse/RSP-38428) |
| Setting focus to a TEdit whose Text is not empty does not select the text while the form isn't yet shown | FireMonkey | RSP-33898 (https://quality.embarcadero.com/browse/RSP-33898) |
| Wrong cursor position on TEdit control, when some text is added by code | FireMonkey | RSP-30475 (https://quality.embarcadero.com/browse/RSP-30475) |
| Does not find existing file RadientShapes | FireMonkey | RSP-42242 (https://quality.embarcadero.com/browse/RSP-42242) |
| TCustomComboBox MouseWheel issues | FireMonkey | RSP-23028 (https://quality.embarcadero.com/browse/RSP-23028) |
| Form Structure view context menu bug | FireMonkey | RSP-33933 (https://quality.embarcadero.com/browse/RSP-33933) |
| Style designer save doesn't automatically append .style to file name | FireMonkey | RSP-14522 (https://quality.embarcadero.co |

| | | |
|---|------------|--|
| | | m/browse/RSP-14522) |
| TCustomBitmapCodecWIC.GetImagingFactory multithread problems | FireMonkey | RSP-37725 (https://quality.embarcadero.com/browse/RSP-37725) |
| FMX AcceleratorKey trigger error for ctrl + key | FireMonkey | RSP-15192 (https://quality.embarcadero.com/browse/RSP-15192) |
| FireMonkeyVersion constant is not changed | FireMonkey | RSP-35401 (https://quality.embarcadero.com/browse/RSP-35401) |
| Root objects of a given stylename is not accessible via StylesData or FindStyleResource | FireMonkey | RSP-40057 (https://quality.embarcadero.com/browse/RSP-40057) |
| TEditButton scaling issue | FireMonkey | RSP-18452 (https://quality.embarcadero.com/browse/RSP-18452) |
| Accelerator Keys triggered by other keys | FireMonkey | RSP-35832 (https://quality.embarcadero.com/browse/RSP-35832) |
| TEdit: Shift-clicking selects unexpected parts | FireMonkey | RSP-39844 (https://quality.embarcadero.com/browse/RSP-39844) |
| TEdit is missing undo functionality | FireMonkey | RSP-34326 (https://quality.embarcadero.com/browse/RSP-34326) |
| TEdit behaves incorrectly when contents exceed its width | FireMonkey | RSP-32317 (https://quality.embarcadero.com/browse/RSP-32317) |
| TGrid / TStringGrid with OnCreateCustomEditor incorrect mouse click behavior | FireMonkey | RSP-40328 (https://quality.embarcadero.com/browse/RSP-40328) |
| MAC OS when selecting text on TEdit, selected text remains dark | FireMonkey | RSP-40263 (https://quality.embarcadero.com/browse/RSP-40263) |
| Wrong result from GetMTView and GetGLView on iOS | FireMonkey | RSP-40434 (https://quality.embarcadero.com) |

| | | |
|--|------------|--|
| | | m/browse/RSP-40434) |
| Fix ListBox performance | FireMonkey | RSP-40519 (https://quality.embarcadero.com/browse/RSP-40519) |
| FMX calendar controls week numbering issue | FireMonkey | RSP-36764 (https://quality.embarcadero.com/browse/RSP-36764) |
| FMX: Wrong calculation of GetBounds method in FMX.Graphics.TPathData | FireMonkey | RSP-24659 (https://quality.embarcadero.com/browse/RSP-24659) |
| TGrid / TStringGrid OnDrawColumnBackground is not called when AlternatingRowBackground is disabled | FireMonkey | RSP-40354 (https://quality.embarcadero.com/browse/RSP-40354) |
| FMX.Objects.TShape.DoGetUpdateRect use after free | FireMonkey | RSP-40507 (https://quality.embarcadero.com/browse/RSP-40507) |
| GridPanelLayout.DELETECHILDREN delete all children and "GridPanelLayout" include -- causing "AV" | FireMonkey | RSP-37689 (https://quality.embarcadero.com/browse/RSP-37689) |
| TForm.Quality setting has no effect on performance in Windows | FireMonkey | RSP-38288 (https://quality.embarcadero.com/browse/RSP-38288) |
| TColorComboBox panning problem | FireMonkey | RSP-39766 (https://quality.embarcadero.com/browse/RSP-39766) |
| Not super-impressive LF handling in Windows FMX TEdit paste | FireMonkey | RSP-36660 (https://quality.embarcadero.com/browse/RSP-36660) |
| Function keys (F1..F11) no longer work as Action shortcuts | FireMonkey | RSP-39902 (https://quality.embarcadero.com/browse/RSP-39902) |
| TEdit in some cases does not work correctly | FireMonkey | RSP-19082 (https://quality.embarcadero.com/browse/RSP-19082) |
| do not delete tabiitem(FMX) | FireMonkey | RSP-40424 (https://quality.embarcadero.com) |

| | | |
|--|------------|--|
| | | m/browse/RSP-40424) |
| TEdit does not recognize keyboard undo | FireMonkey | RSP-19399 (https://quality.embarcadero.com/browse/RSP-19399) |
| GlobalUseMetal problem | FireMonkey | RSP-33513 (https://quality.embarcadero.com/browse/RSP-33513) |
| Bug in MapView FMX | FireMonkey | RSP-40440 (https://quality.embarcadero.com/browse/RSP-40440) |
| Possible bug in TScrollBox/TScrollContent UpdateRect calculation | FireMonkey | RSP-39052 (https://quality.embarcadero.com/browse/RSP-39052) |
| Range error in FMX.Canvas.D2D.pas | FireMonkey | RSP-41513 (https://quality.embarcadero.com/browse/RSP-41513) |
| Virtual Keyboard toolbar is out of alignment when in-call status bar shows | FireMonkey | RSP-17272 (https://quality.embarcadero.com/browse/RSP-17272) |
| TMemo: I'm holding down the Shift Key and clicking, but it's not selected | FireMonkey | RSP-39843 (https://quality.embarcadero.com/browse/RSP-39843) |
| NSRunningApplication has missing methods | FireMonkey | RSP-35579 (https://quality.embarcadero.com/browse/RSP-35579) |
| Access Violation in Text draw | FireMonkey | RSP-41654 (https://quality.embarcadero.com/browse/RSP-41654) |
| missing UNNotificationPresentationOptionNone in iOSapi.UserNotifications | FireMonkey | RSP-40134 (https://quality.embarcadero.com/browse/RSP-40134) |
| When modifying/deleting Memo Lines in FMX Memo on Android one needs to call ResetSelection | FireMonkey | RSP-18442 (https://quality.embarcadero.com/browse/RSP-18442) |
| TPopupMenu: submenus do not popup | FireMonkey | RSP-19052 (https://quality.embarcadero.com) |

| | | |
|---|------------|---|
| | | m/browse/RSP-19052) |
| MacOS: closing modal window with red titlebar button does not call Forms Close and CloseQuery events. | FireMonkey | RSP-39547 (https://quality.embarcadero.com/browse/RSP-39547) |
| FireMonkey will not correctly display fonts that are loaded dynamically on Windows | FireMonkey | RSP-17030 (https://quality.embarcadero.com/browse/RSP-17030) |
| Wrong result from GetMTView on macOS | FireMonkey | RSP-40435 (https://quality.embarcadero.com/browse/RSP-40435) |
| FMX mouse up event lost when Alt key is pressed if TMenuBar used | FireMonkey | RSP-42144 (https://quality.embarcadero.com/browse/RSP-42144) |
| FMX nested forms exception when not shown | FireMonkey | RSP-39502 (https://quality.embarcadero.com/browse/RSP-39502) |
| TWebBrowser cannot navigate to "about:blank" on iOS, Android and macOS | FireMonkey | RSP-39662 (https://quality.embarcadero.com/browse/RSP-39662) |
| Orphaned {\$ENDREGION} in FMX.ListView | FireMonkey | RSP-41982 (https://quality.embarcadero.com/browse/RSP-41982) |
| FMX TPath component issue with Fit or Tile WrapMode and thick Stroke | FireMonkey | RSP-39520 (https://quality.embarcadero.com/browse/RSP-39520) |
| Tab does not work between edits of different frames | FireMonkey | RSP-31400 (https://quality.embarcadero.com/browse/RSP-31400) |
| TFrame tab order does not work | FireMonkey | RSP-21458 (https://quality.embarcadero.com/browse/RSP-21458) |
| Using stroke thickness > 1 cut image in TPath | FireMonkey | RSP-39515 (https://quality.embarcadero.com/browse/RSP-39515) |
| Tabulation doesn't work when layout's parent changed | FireMonkey | RSP-31611 (https://quality.embarcadero.com/browse/RSP-31611) |

| | | |
|---|------------|--|
| | | m/browse/RSP-31611) |
| GlobalUseMetal does not work if a form is closed and reopened | FireMonkey | RSP-36446 (https://quality.embarcadero.com/browse/RSP-36446) |
| TTextLayoutManager and TTextLayout not work in background thread | FireMonkey | RSP-20185 (https://quality.embarcadero.com/browse/RSP-20185) |
| MouseClicked has empty shift state when right clicking on a TFrame | FireMonkey | RSP-36356 (https://quality.embarcadero.com/browse/RSP-36356) |
| Resizing the headers in an empty TGrid will not trigger scrollbars | FireMonkey | RSP-38650 (https://quality.embarcadero.com/browse/RSP-38650) |
| TAndroidScreenServices.ScaleByMetrics could crash on some device | FireMonkey | RSP-41500 (https://quality.embarcadero.com/browse/RSP-41500) |
| TListBox.ShowCheckboxes causes text to overlap checkbox | FireMonkey | RSP-42229 (https://quality.embarcadero.com/browse/RSP-42229) |
| TComboEdit - Data Binding not change value while use mouse wheel | FireMonkey | RSP-38440 (https://quality.embarcadero.com/browse/RSP-38440) |
| Buttons inside a ScrollBox may randomly change Pressed Animation | FireMonkey | RSP-22933 (https://quality.embarcadero.com/browse/RSP-22933) |
| FMX TFlowLayout - bug after hide first element | FireMonkey | RSP-42318 (https://quality.embarcadero.com/browse/RSP-42318) |
| TWebBrowser using Edge Engine fails if the executable is in a folder with restricted rights | FireMonkey | RSP-36178 (https://quality.embarcadero.com/browse/RSP-36178) |
| TMagnifierGlass don't capture the canvas at the good time | FireMonkey | RSP-28220 (https://quality.embarcadero.com/browse/RSP-28220) |
| getManufacturerSpecificData method of JScanRecord type is declared incorrectly | FireMonkey | RSP-37996 (https://quality.embarcadero.com) |

| | | |
|---|------------|--|
| | | m/browse/RSP-37996) |
| METAL bugs on OS X | FireMonkey | RSP-30496 (https://quality.embarcadero.com/browse/RSP-30496) |
| [Desktops] FMX.TEdit selecting with shift key working incorrectly | FireMonkey | RSP-35616 (https://quality.embarcadero.com/browse/RSP-35616) |
| Printer.ActivePrinter.Device shows default printer even if printer selection changed during runtime | FireMonkey | RSP-21473 (https://quality.embarcadero.com/browse/RSP-21473) |
| getServiceData method of JScanRecord type is declared incorrectly | FireMonkey | RSP-38775 (https://quality.embarcadero.com/browse/RSP-38775) |
| BeginUpdate/Endupdate block with add or remove of child objects : misconception | FireMonkey | RSP-21013 (https://quality.embarcadero.com/browse/RSP-21013) |
| TSpeedButton incorrectly deselected | FireMonkey | RSP-40617 (https://quality.embarcadero.com/browse/RSP-40617) |
| TGrid Header ignores textsettings settings in its style | FireMonkey | RSP-26532 (https://quality.embarcadero.com/browse/RSP-26532) |
| TPointF.PointInCircle has Integer radius instead of Single | FireMonkey | RSP-36997 (https://quality.embarcadero.com/browse/RSP-36997) |
| Wrong loupe zoom point for controls located at top | FireMonkey | RSP-42152 (https://quality.embarcadero.com/browse/RSP-42152) |
| Massive memory growth/leaks when resizing (OpenGL) 3D form on macOS | FireMonkey | RSP-42116 (https://quality.embarcadero.com/browse/RSP-42116) |
| Edit loses focus when screen is rotated on iOS | FireMonkey | RSP-41684 (https://quality.embarcadero.com/browse/RSP-41684) |
| Incorrect and inconsistent handling of '&' in TComboEdit and TComboBox | FireMonkey | RSP-40485 (https://quality.embarcadero.com) |

| | | |
|---|--------------------------------------|---|
| | | m/browse/RSP-40485) |
| Modal form opening and closing another modal form leaves original form unresponsive to first click | FireMonkey | RSP-40158 (https://quality.embarcadero.com/browse/RSP-40158) |
| ListView connected with DataSet with LiveBinding hangs after EnableControls | FireMonkey | RSP-40500 (https://quality.embarcadero.com/browse/RSP-40500) |
| caretposition e inserção de caracteres | FireMonkey | RSP-41245 (https://quality.embarcadero.com/browse/RSP-41245) |
| Disabling then enabling e.g. TButton or TSwitch within Object Inspector leaves them disabled on Android 11 unless explicitly enabled via code | FireMonkey | RSP-37026 (https://quality.embarcadero.com/browse/RSP-37026) |
| TCustomButton.IsPressed reseted after SetNewScene | FireMonkey | RSP-40618 (https://quality.embarcadero.com/browse/RSP-40618) |
| text input(Korean Hanguel) is not working properly after upgrading to ios16. | FireMonkey | RSP-39753 (https://quality.embarcadero.com/browse/RSP-39753) |
| TNumberBox, TEdit & Return | FireMonkey, FireMonkey\Components | RSP-12360 (https://quality.embarcadero.com/browse/RSP-12360) |
| [FMX] [Android] MaxLength does nothing on TEdit Control | FireMonkey, FireMonkey\Components | RSP-15960 (https://quality.embarcadero.com/browse/RSP-15960) |
| Double-clicking in TEdit should not ignore symbols (@, &, brackets etc.) | FireMonkey, FireMonkey\Components | RSP-13215 (https://quality.embarcadero.com/browse/RSP-13215) |
| add a context menu option to open style editor on TStyleBook FMX component | FireMonkey, IDE | RSP-38525 (https://quality.embarcadero.com/browse/RSP-38525) |
| add objc include folder for macOS SDK | FireMonkey, IDE | RSP-41797 (https://quality.embarcadero.com/browse/RSP-41797) |
| Wrong cursor (crSizeNWSE) on aligned controls in the FMX form editor | FireMonkey, IDE | RSP-36574 (https://quality.embarcadero.com/browse/RSP-36574) |

| | | |
|---|-------------------------------|---|
| | | m/browse/RSP-36574) |
| TControl.HelpKeyword not saved with form | FireMonkey, IDE | RSP-21533 (https://quality.embarcadero.com/browse/RSP-21533) |
| Incorrect definition for CS7 in TermiosTypes.inc | FireMonkey, RTL | RSP-41478 (https://quality.embarcadero.com/browse/RSP-41478) |
| comparison of 2 interfaces result in bad behavior in TCommonCustomForm.SetHovered and similar | FireMonkey, RTL, RTL\Delphi | RSP-36612 (https://quality.embarcadero.com/browse/RSP-36612) |
| Order of modifier keys in shortcut text should be changed | FireMonkey, VCL | RSP-38982 (https://quality.embarcadero.com/browse/RSP-38982) |
| Support for font scaling independent from DPI scaling | FireMonkey, VCL | RSP-34423 (https://quality.embarcadero.com/browse/RSP-34423) |
| Flip Children does not work | FMX, IDE | RSP-35383 (https://quality.embarcadero.com/browse/RSP-35383) |
| debug libnative-activity.so are deployed in release configuration | FMX, IDE, IDE\Project Manager | RSP-40256 (https://quality.embarcadero.com/browse/RSP-40256) |
| Docwiki Permission error | Help and Doc | RSP-41847 (https://quality.embarcadero.com/browse/RSP-41847) |
| HelpInsight popup can get get stuck when F1 is pressed | Help and Doc, IDE | RSP-39076 (https://quality.embarcadero.com/browse/RSP-39076) |
| ClientDataset code editor for command text is missing | IDE | RSP-30054 (https://quality.embarcadero.com/browse/RSP-30054) |
| Tab order change on Tools / Options / Version Control / Git | IDE | RSP-34618 (https://quality.embarcadero.com/browse/RSP-34618) |
| Dual Monitor Variable Pixel Size Support | IDE | RSP-36404 (https://quality.embarcadero.com/browse/RSP-36404) |

| | | |
|---|-----|---|
| | | m/browse/RSP-36404) |
| Add "copy to clipboard" functionality to event log/panel popup menu | IDE | RSP-40236 (https://quality.embarcadero.com/browse/RSP-40236) |
| Should be able to right-click and copy a selection of multiple callstack items | IDE | RSP-38787 (https://quality.embarcadero.com/browse/RSP-38787) |
| [RadServer] Expose OnNeedClientCertificate event, same as OnValidateCertificate event | IDE | RSP-35573 (https://quality.embarcadero.com/browse/RSP-35573) |
| Support adaptive icons | IDE | RSP-21335 (https://quality.embarcadero.com/browse/RSP-21335) |
| Add tooltip to search results tabs to display complete search term | IDE | RSP-40584 (https://quality.embarcadero.com/browse/RSP-40584) |
| Add TFrame in the File/New menu | IDE | RSP-39403 (https://quality.embarcadero.com/browse/RSP-39403) |
| Watch window cannot be sized so long expressions are hard to modify | IDE | RSP-41431 (https://quality.embarcadero.com/browse/RSP-41431) |
| Add option for setting line height (leading) in Editor | IDE | RSP-34349 (https://quality.embarcadero.com/browse/RSP-34349) |
| add error hint on the red bullet in the gutter | IDE | RSP-33284 (https://quality.embarcadero.com/browse/RSP-33284) |
| New VCL Application should by default provide 32 and 64 bits targets | IDE | RSP-39042 (https://quality.embarcadero.com/browse/RSP-39042) |
| Improve Auto Invoke function | IDE | RSP-28226 (https://quality.embarcadero.com/browse/RSP-28226) |
| unit (cycled) dependencies | IDE | RSP-33126 (https://quality.embarcadero.com/browse/RSP-33126) |

| | | |
|--|-----|--|
| | | m/browse/RSP-33126) |
| E2056 String literals may have at most 255 elements | IDE | RSP-37711 (https://quality.embarcadero.com/browse/RSP-37711) |
| AutoInvoke code completion | IDE | RSP-35374 (https://quality.embarcadero.com/browse/RSP-35374) |
| Find in files annoying matches in history+recovery files | IDE | RSP-37194 (https://quality.embarcadero.com/browse/RSP-37194) |
| Object inspector has no title bar and as such is unmovable | IDE | RSP-33907 (https://quality.embarcadero.com/browse/RSP-33907) |
| IDE editor jumps when double-clicking word | IDE | RSP-41659 (https://quality.embarcadero.com/browse/RSP-41659) |
| At FMX form resize in designer, selection rectangle lags behind | IDE | RSP-36112 (https://quality.embarcadero.com/browse/RSP-36112) |
| 11.3 double click on word in editor does not select [regression] | IDE | RSP-40734 (https://quality.embarcadero.com/browse/RSP-40734) |
| IDE: Focus is not set back to the editor, after a dialog has been shown. | IDE | RSP-23307 (https://quality.embarcadero.com/browse/RSP-23307) |
| Find toolbar check boxes disappear after IDE resize cycle | IDE | RSP-41220 (https://quality.embarcadero.com/browse/RSP-41220) |
| Wrong tab order in Run -> Parameters dialog | IDE | RSP-21726 (https://quality.embarcadero.com/browse/RSP-21726) |
| VCL: Unable to change TLabel text Font color | IDE | RSP-39126 (https://quality.embarcadero.com/browse/RSP-39126) |
| IDE menu flickering issues | IDE | RSP-30579 (https://quality.embarcadero.com) |

| | | |
|---|-----|--|
| | | m/browse/RSP-30579) |
| RADS IDE window is not moveable on the desktop | IDE | RSP-35142 (https://quality.embarcadero.com/browse/RSP-35142) |
| IDE does not react well swapping between monitors with different scaling | IDE | RSP-41882 (https://quality.embarcadero.com/browse/RSP-41882) |
| after searching from bottom bar and something isn't found, shouldn't move cursor to (0,0) | IDE | RSP-36551 (https://quality.embarcadero.com/browse/RSP-36551) |
| Canvas crash during compilation | IDE | RSP-36572 (https://quality.embarcadero.com/browse/RSP-36572) |
| Project Options > Search path dialog: Delete button invalid state and/or behaviour | IDE | RSP-38191 (https://quality.embarcadero.com/browse/RSP-38191) |
| Getit search field has white spot in front of entry. | IDE | RSP-39313 (https://quality.embarcadero.com/browse/RSP-39313) |
| ctrl+F (search) works like search in files | IDE | RSP-23269 (https://quality.embarcadero.com/browse/RSP-23269) |
| RAD Studio shrinks form sizes a little when the .cpp file is edited | IDE | RSP-41661 (https://quality.embarcadero.com/browse/RSP-41661) |
| MigrationTool fails to log progress and errors when installing packages | IDE | RSP-39212 (https://quality.embarcadero.com/browse/RSP-39212) |
| Find In Files bug with "Display results in separate tabs" | IDE | RSP-37688 (https://quality.embarcadero.com/browse/RSP-37688) |
| GetItCmd doesn't log errors | IDE | RSP-39218 (https://quality.embarcadero.com/browse/RSP-39218) |
| Non-visual component positions not offset in form designer | IDE | RSP-38101 (https://quality.embarcadero.com) |

| | | |
|---|-----|---|
| | | m/browse/RSP-38101) |
| IDE sometimes blanks out on word-double-click | IDE | RSP-41351 (https://quality.embarcadero.com/browse/RSP-41351) |
| No Caption-Bar on undocked project window | IDE | RSP-32782 (https://quality.embarcadero.com/browse/RSP-32782) |
| Repeatedly turning on / off the Navigation Toolbar compress the Code Editor area | IDE | RSP-21815 (https://quality.embarcadero.com/browse/RSP-21815) |
| Error insight shows invaliderror message | IDE | RSP-28651 (https://quality.embarcadero.com/browse/RSP-28651) |
| Secondary edit window hangs | IDE | RSP-35631 (https://quality.embarcadero.com/browse/RSP-35631) |
| LSP code navigation fails in uses on Vcl.Forms | IDE | RSP-35146 (https://quality.embarcadero.com/browse/RSP-35146) |
| C++Builder 10.2 Tokyo Professional not resize to full screen | IDE | RSP-21347 (https://quality.embarcadero.com/browse/RSP-21347) |
| Hints are missing for some Editor status bar items | IDE | RSP-35086 (https://quality.embarcadero.com/browse/RSP-35086) |
| F2 (for File, Save) does not work in secondary editor window | IDE | RSP-29641 (https://quality.embarcadero.com/browse/RSP-29641) |
| Desktop layout not reloaded properly, title bar of undocked window missing [High DPI] | IDE | RSP-30609 (https://quality.embarcadero.com/browse/RSP-30609) |
| IDE Crashes when clicking on Search toolbar | IDE | RSP-40262 (https://quality.embarcadero.com/browse/RSP-40262) |
| Setting .icns file doesn't clear old default .icns from deployment | IDE | RSP-38330 (https://quality.embarcadero.com/browse/RSP-38330) |

| | | |
|--|-----|--|
| | | m/browse/RSP-38330) |
| Checklistbox in dialog "Install Packages" do not resize | IDE | RSP-23662 (https://quality.embarcadero.com/browse/RSP-23662) |
| IDE Snapping | IDE | RSP-36807 (https://quality.embarcadero.com/browse/RSP-36807) |
| Font preview in Welcome dialog and Options is too small | IDE | RSP-34763 (https://quality.embarcadero.com/browse/RSP-34763) |
| [IDE Editor Glitch] - Code selection glitching in second editor window | IDE | RSP-32670 (https://quality.embarcadero.com/browse/RSP-32670) |
| Secondary edit window create AV when loading desktop layout | IDE | RSP-30778 (https://quality.embarcadero.com/browse/RSP-30778) |
| Multiple problems with an additional editor window ("New Edit Window" command) | IDE | RSP-29344 (https://quality.embarcadero.com/browse/RSP-29344) |
| C++ Builder - default desktop layout | IDE | RSP-25515 (https://quality.embarcadero.com/browse/RSP-25515) |
| [IDE Editor UX Glitch] - Cut/Copy behavior in Editor context menu is unpredictable | IDE | RSP-32672 (https://quality.embarcadero.com/browse/RSP-32672) |
| The message that the IDE shows when there is an exception doesn't support multiline text of exceptions | IDE | RSP-38331 (https://quality.embarcadero.com/browse/RSP-38331) |
| Bad experience when debugging with more than one edit window | IDE | RSP-36396 (https://quality.embarcadero.com/browse/RSP-36396) |
| Unable to select component when using 2 edit windows | IDE | RSP-32081 (https://quality.embarcadero.com/browse/RSP-32081) |
| the main window cannot be dragged correctly on the desktop | IDE | RSP-37203 (https://quality.embarcadero.com) |

| | | |
|--|-----|---|
| | | m/browse/RSP-37203) |
| Crash when creating a new application | IDE | RSP-32577 (https://quality.embarcadero.com/browse/RSP-32577) |
| Wrong TAB order in Options -> Language -> Delphi -> Library | IDE | RSP-26979 (https://quality.embarcadero.com/browse/RSP-26979) |
| wrong TAB order on Windows SDK panel | IDE | RSP-22005 (https://quality.embarcadero.com/browse/RSP-22005) |
| Form designer changes dfm properties when monitor's DPI settings are changed while IDE is open | IDE | RSP-38308 (https://quality.embarcadero.com/browse/RSP-38308) |
| LSP crashes when switching projects (threading issue) | IDE | RSP-34870 (https://quality.embarcadero.com/browse/RSP-34870) |
| Navigation Bar dropdown boxes can become very wide | IDE | RSP-37564 (https://quality.embarcadero.com/browse/RSP-37564) |
| Titlebar of platform selection dialog does not match style/color of the IDE titlebar | IDE | RSP-35131 (https://quality.embarcadero.com/browse/RSP-35131) |
| Highlighting almost invisible in Delphi IDE Insight (F6) search results | IDE | RSP-36362 (https://quality.embarcadero.com/browse/RSP-36362) |
| Add required package to a package project dialog has misplaced component | IDE | RSP-29131 (https://quality.embarcadero.com/browse/RSP-29131) |
| IDE AVs on opening project | IDE | RSP-41170 (https://quality.embarcadero.com/browse/RSP-41170) |
| Truncated text on download window | IDE | RSP-34727 (https://quality.embarcadero.com/browse/RSP-34727) |
| Incorrect Line Numbers Reported by ErrorInsight (compared to Compiler) | IDE | RSP-38069 (https://quality.embarcadero.com/browse/RSP-38069) |

| | | |
|---|-----|---|
| | | m/browse/RSP-38069) |
| Selecting a line in the editor by double clicking does not work properly | IDE | RSP-41525 (https://quality.embarcadero.com/browse/RSP-41525) |
| IDE / File&Form Editor Tab / Right Mouse Menu not properly synchronized for the "Show in Explorer" action | IDE | RSP-25922 (https://quality.embarcadero.com/browse/RSP-25922) |
| Dialogs to manage "Vergleichs Viewer" not always visible | IDE | RSP-35782 (https://quality.embarcadero.com/browse/RSP-35782) |
| Missing Forms List Boxes in Project Options | IDE | RSP-39823 (https://quality.embarcadero.com/browse/RSP-39823) |
| [IDE UI Glitch] - Caption of "View asText/Form" does not change in editor tab | IDE | RSP-32688 (https://quality.embarcadero.com/browse/RSP-32688) |
| Automatic bad scroll when selecting with double click | IDE | RSP-41298 (https://quality.embarcadero.com/browse/RSP-41298) |
| Find' jumps to beginning of file if nothing was found | IDE | RSP-33095 (https://quality.embarcadero.com/browse/RSP-33095) |
| Issue with ParentFont and Low DPI designer | IDE | RSP-41607 (https://quality.embarcadero.com/browse/RSP-41607) |
| Provide more descriptive error messages in Platform Manager | IDE | RSP-34447 (https://quality.embarcadero.com/browse/RSP-34447) |
| access violation on vcl270 everytime i start Delphi | IDE | RSP-31913 (https://quality.embarcadero.com/browse/RSP-31913) |
| IDE refuses to open some files [ghost tabs] | IDE | RSP-35943 (https://quality.embarcadero.com/browse/RSP-35943) |
| Dragging IDE window is not smooth | IDE | RSP-28827 (https://quality.embarcadero.com/browse/RSP-28827) |

| | | |
|---|-----|---|
| | | m/browse/RSP-28827) |
| IDE tries to search when double clicking to highlight word while incremental search is active | IDE | RSP-41167 (https://quality.embarcadero.com/browse/RSP-41167) |
| Second edition window is undraggable | IDE | RSP-35622 (https://quality.embarcadero.com/browse/RSP-35622) |
| No synchronization of the open file in the editor with the file node in the project window. | IDE | RSP-28633 (https://quality.embarcadero.com/browse/RSP-28633) |
| Access violation editing a frame | IDE | RSP-36722 (https://quality.embarcadero.com/browse/RSP-36722) |
| Browse button missaligned when adding new required dcp to package | IDE | RSP-32593 (https://quality.embarcadero.com/browse/RSP-32593) |
| Find in files dialog takes minutes to show up | IDE | RSP-32382 (https://quality.embarcadero.com/browse/RSP-32382) |
| Appearance Not Working [MDI] | IDE | RSP-33374 (https://quality.embarcadero.com/browse/RSP-33374) |
| Window un-snap from edge of screen | IDE | RSP-38329 (https://quality.embarcadero.com/browse/RSP-38329) |
| Edit windows don't snap properly on secondary monitors. | IDE | RSP-32581 (https://quality.embarcadero.com/browse/RSP-32581) |
| Dark mode "Brace Highlight" color can't be read. | IDE | RSP-26895 (https://quality.embarcadero.com/browse/RSP-26895) |
| The IDE sticks to the main monitor in dual-monitor setup | IDE | RSP-20157 (https://quality.embarcadero.com/browse/RSP-20157) |
| Secondary "New Edit Window" disappears, but still keeps the files inside | IDE | RSP-37766 (https://quality.embarcadero.com/browse/RSP-37766) |

| | | |
|---|-----|---|
| | | m/browse/RSP-37766) |
| Switching Welcome Page Theme doesn't work | IDE | RSP-39311 (https://quality.embarcadero.com/browse/RSP-39311) |
| Wrong color in Code Insight Window | IDE | RSP-22186 (https://quality.embarcadero.com/browse/RSP-22186) |
| wrong tab order tools/options/ide/default folder | IDE | RSP-22295 (https://quality.embarcadero.com/browse/RSP-22295) |
| Welcome Page background image does not always save changes | IDE | RSP-37602 (https://quality.embarcadero.com/browse/RSP-37602) |
| Wrong font (MS Sans Serif) used in IDE | IDE | RSP-22305 (https://quality.embarcadero.com/browse/RSP-22305) |
| New Edit Window highlights multiple rows when clicking with mouse after form focus | IDE | RSP-38904 (https://quality.embarcadero.com/browse/RSP-38904) |
| search in *.cpp in directory affected by /__astcache folder | IDE | RSP-40176 (https://quality.embarcadero.com/browse/RSP-40176) |
| miss constant kCLLocationAccuracyReduced in iOSapi.CoreLocation.pas | IDE | RSP-41388 (https://quality.embarcadero.com/browse/RSP-41388) |
| FireDAC uses vulnerable sqlite 3.dll version 3.31.1 | IDE | RSP-35525 (https://quality.embarcadero.com/browse/RSP-35525) |
| After upgrade to Delphi 11.3: error about Data.DB library being built with a different version / having to be rebuilt | IDE | RSP-41172 (https://quality.embarcadero.com/browse/RSP-41172) |
| Delphi won't start [GDI handles limit reached] | IDE | RSP-39841 (https://quality.embarcadero.com/browse/RSP-39841) |
| Tooltip symbol insight popup does not close on F9 (Run) | IDE | RSP-40005 (https://quality.embarcadero.com/browse/RSP-40005) |

| | | |
|---|-----|---|
| | | m/browse/RSP-40005) |
| Wrong code completion cannot be avoided | IDE | RSP-41139 (https://quality.embarcadero.com/browse/RSP-41139) |
| Objects inspector glitch - tab is vanishing | IDE | RSP-22233 (https://quality.embarcadero.com/browse/RSP-22233) |
| 2nd editor jumping content & unwanted select caused by nav bar show/hide | IDE | RSP-33929 (https://quality.embarcadero.com/browse/RSP-33929) |
| It is difficult to click the history Arrow in the Tool Palette | IDE | RSP-40813 (https://quality.embarcadero.com/browse/RSP-40813) |
| Delphi GUI quits updating. | IDE | RSP-39586 (https://quality.embarcadero.com/browse/RSP-39586) |
| Text truncation in options screen | IDE | RSP-41538 (https://quality.embarcadero.com/browse/RSP-41538) |
| CodeEditor HighLight Selection bug | IDE | RSP-42001 (https://quality.embarcadero.com/browse/RSP-42001) |
| Style Lookup Icons do not scale in Object Inspector | IDE | RSP-37334 (https://quality.embarcadero.com/browse/RSP-37334) |
| The search text is incomplete | IDE | RSP-41416 (https://quality.embarcadero.com/browse/RSP-41416) |
| Code completion for array properties could add [] and place caret | IDE | RSP-41188 (https://quality.embarcadero.com/browse/RSP-41188) |
| The error "Could not convert variant of type ..." occurs in the Options dialog box of the Japanese IDE. | IDE | RSP-41710 (https://quality.embarcadero.com/browse/RSP-41710) |
| Problema com WholeWords | IDE | RSP-41788 (https://quality.embarcadero.com/browse/RSP-41788) |

| | | |
|--|-----|---|
| | | m/browse/RSP-41788) |
| Self-selecting option 'Whole words' only in 'Find in files' | IDE | RSP-40806 (https://quality.embarcadero.com/browse/RSP-40806) |
| Delphi DPI Unaware Version Toolbar displays wrong and customisation is difficult | IDE | RSP-37737 (https://quality.embarcadero.com/browse/RSP-37737) |
| Bug in "New Edit Window" | IDE | RSP-42324 (https://quality.embarcadero.com/browse/RSP-42324) |
| GetIt items cannot be installed from welcome page | IDE | RSP-40362 (https://quality.embarcadero.com/browse/RSP-40362) |
| Can't Change Target or Build Type on Provisioning Page when Build Type is Windows Application Store and Distribution Type is Store | IDE | RSP-32498 (https://quality.embarcadero.com/browse/RSP-32498) |
| Highlight words settings seems to affect behavior of F3 | IDE | RSP-40690 (https://quality.embarcadero.com/browse/RSP-40690) |
| Cursor is jumping if the new highlight function is used | IDE | RSP-40658 (https://quality.embarcadero.com/browse/RSP-40658) |
| Find in file Checkbox | IDE | RSP-42412 (https://quality.embarcadero.com/browse/RSP-42412) |
| [Debugger variable expansion] Error in IDE: Project settings | IDE | RSP-40068 (https://quality.embarcadero.com/browse/RSP-40068) |
| Delphi 10 Dark Mode Find and Replace Text checkbox labels invisible | IDE | RSP-34369 (https://quality.embarcadero.com/browse/RSP-34369) |
| Exception on ctr+ù for comment rows | IDE | RSP-33737 (https://quality.embarcadero.com/browse/RSP-33737) |
| Arrow indicating stack pointer is missing | IDE | RSP-33745 (https://quality.embarcadero.com/browse/RSP-33745) |

| | | |
|--|-----|---|
| | | m/browse/RSP-33745) |
| Can't select text with mouse renaming units | IDE | RSP-39375 (https://quality.embarcadero.com/browse/RSP-39375) |
| Unnecessary spaces in new search layout (Ctrl+Shift+F) | IDE | RSP-41469 (https://quality.embarcadero.com/browse/RSP-41469) |
| Unavoidable wrong code completion | IDE | RSP-36298 (https://quality.embarcadero.com/browse/RSP-36298) |
| Auto-complete TObject.Create fills "constructor..." | IDE | RSP-36296 (https://quality.embarcadero.com/browse/RSP-36296) |
| RAD Server module wizard is confusing and has unnecessary steps | IDE | RSP-40630 (https://quality.embarcadero.com/browse/RSP-40630) |
| The TActionManager editor is not Themed in Dark mode and highlights are unreadable | IDE | RSP-30948 (https://quality.embarcadero.com/browse/RSP-30948) |
| Structure tool properties window inconsistent naming and not HiDPI-aware | IDE | RSP-35107 (https://quality.embarcadero.com/browse/RSP-35107) |
| dfm file content changes only when opening form in IDE | IDE | RSP-40647 (https://quality.embarcadero.com/browse/RSP-40647) |
| Debugger parameters are ignored | IDE | RSP-41179 (https://quality.embarcadero.com/browse/RSP-41179) |
| List of compiler options in project options dialog not bottom anchored | IDE | RSP-21888 (https://quality.embarcadero.com/browse/RSP-21888) |
| Delphi 11 snaps to screen edge even though Windows setting turned off | IDE | RSP-40327 (https://quality.embarcadero.com/browse/RSP-40327) |
| Debugging Android64 does not work in 11.2 | IDE | RSP-40070 (https://quality.embarcadero.com/browse/RSP-40070) |

| | | |
|---|-------------------------------|---|
| | | m/browse/RSP-40070) |
| Long delay in ALT-S search menu appearance depending on number of unit dependencies | IDE | RSP-38898 (https://quality.embarcadero.com/browse/RSP-38898) |
| Empty lines are being removed when unit contains mostly LF as line endings with a few CRLF | IDE | RSP-33611 (https://quality.embarcadero.com/browse/RSP-33611) |
| Misaligned checkbox in search bar | IDE | RSP-42087 (https://quality.embarcadero.com/browse/RSP-42087) |
| Duplo Click assumindo o texto de pesquisar está atrapalhando em vez de ajudar | IDE | RSP-41789 (https://quality.embarcadero.com/browse/RSP-41789) |
| LSP code completion auto invoke does not work | IDE | RSP-34768 (https://quality.embarcadero.com/browse/RSP-34768) |
| Auto Search Wrap Around does not work when disabled | IDE | RSP-40728 (https://quality.embarcadero.com/browse/RSP-40728) |
| Help insight doesn't works in conditional block of code | IDE, IDE\Code Insight | RSP-31107 (https://quality.embarcadero.com/browse/RSP-31107) |
| Ctrl + Left Mouse Click Navigation breaks with read-only files | IDE, IDE\Code Insight | RSP-29833 (https://quality.embarcadero.com/browse/RSP-29833) |
| Can't compile when GetIt dependence defined | IDE, IDE\GetIt | RSP-19370 (https://quality.embarcadero.com/browse/RSP-19370) |
| MigrationTool fails to continue when it encounters errors during installation of GetIt packages | IDE, IDE\GetIt, Install\GetIt | RSP-39307 (https://quality.embarcadero.com/browse/RSP-39307) |
| No refactoring available | IDE, IDE\Refactoring | RSP-39711 (https://quality.embarcadero.com/browse/RSP-39711) |
| [10.1.2 Regression] All the LongInt parameters in events in packages are replaced with Integer | IDE, IDE\VCL Designer | RSP-17854 (https://quality.embarcadero.com/browse/RSP-17854) |

| | | |
|--|------------------|--|
| | | m/browse/RSP-17854) |
| GetitCmd cannot install VCL styles | IDE, Install | RSP-40639 (https://quality.embarcadero.com/browse/RSP-40639) |
| TNTACodeEditorNotifier OnEditorPaintLine Context returns AV when line of code is folded | IDE, Tools API | RSP-42274 (https://quality.embarcadero.com/browse/RSP-42274) |
| Random loss of style preview in VCL form designer | IDE, VCL | RSP-38075 (https://quality.embarcadero.com/browse/RSP-38075) |
| AV in the VCL Form Designer | IDE, VCL | RSP-41178 (https://quality.embarcadero.com/browse/RSP-41178) |
| TStringGrid changes height on opening project due to Anchor settings | IDE, VCL | RSP-42006 (https://quality.embarcadero.com/browse/RSP-42006) |
| TMultiView not shown on FireUI live preview on Android device | IDE\Live Preview | RSP-32101 (https://quality.embarcadero.com/browse/RSP-32101) |
| Adding info about the elements that can be installed for the installation process | Install | RSP-37736 (https://quality.embarcadero.com/browse/RSP-37736) |
| Manage platforms dialog doesn't display "wordings"/platforms completely | Install | RSP-37474 (https://quality.embarcadero.com/browse/RSP-37474) |
| Installer form scaling problem : "RAD Studio Platform Selection" | Install | RSP-39170 (https://quality.embarcadero.com/browse/RSP-39170) |
| Interbase installer always runs | Install | RSP-35723 (https://quality.embarcadero.com/browse/RSP-35723) |
| [Getit, Installer] - Second stage installer crashes if target repository folder does not exist | Install | RSP-39396 (https://quality.embarcadero.com/browse/RSP-39396) |
| www.embarcadero.com ERR_CONNECTION_REFUSED | Install | RSP-41145 (https://quality.embarcadero.com) |

| | | |
|--|--------------------------|--|
| | | m/browse/RSP-41145) |
| libibtogo.a is absent for iOS Simulator ARM64 | Install | RSP-39460 (https://quality.embarcadero.com/browse/RSP-39460) |
| 22.0\redist\OSX64\libcgsqlite3.dylib) was built for newer macOS version (10.14) than being linked (10.9) | Linker | RSP-37411 (https://quality.embarcadero.com/browse/RSP-37411) |
| Harmful mistake for c++ 64 bit in C include file (process.h) | RTL, RTL\C++ | RSP-16676 (https://quality.embarcadero.com/browse/RSP-16676) |
| TJPendingIntent.FLAG_MUTABLE constant missing | RTL, RTL\C++, RTL\Delphi | RSP-40499 (https://quality.embarcadero.com/browse/RSP-40499) |
| [style inc files] Publicly expose API for creating and modifying VCL styles | RTL, RTL\C++, VCL | RSP-13517 (https://quality.embarcadero.com/browse/RSP-13517) |
| Add TryGetNamedGroup to System.RegularExpressions.TGroupCollection | RTL, RTL\Delphi | RSP-38621 (https://quality.embarcadero.com/browse/RSP-38621) |
| TEncoding.UTF8 should add Param useBom | RTL, RTL\Delphi | RSP-38938 (https://quality.embarcadero.com/browse/RSP-38938) |
| Support arrays in TValue.FromVariant | RTL, RTL\Delphi | RSP-41229 (https://quality.embarcadero.com/browse/RSP-41229) |
| Add THashSet<T> class | RTL, RTL\Delphi | RSP-17930 (https://quality.embarcadero.com/browse/RSP-17930) |
| Winapi.ShlObj is missing declaration of IApplicationActivationManager | RTL, RTL\Delphi | RSP-38463 (https://quality.embarcadero.com/browse/RSP-38463) |
| TPath.Combine for multiple folders parts | RTL, RTL\Delphi | RSP-26535 (https://quality.embarcadero.com/browse/RSP-26535) |
| FListeners in TMessageManager should be protected | RTL, RTL\Delphi | RSP-29016 (https://quality.embarcadero.com) |

| | | |
|--|-----------------|---|
| | | m/browse/RSP-29016) |
| TSparseArray could be inefficient. It's doing unnecessary comparisons. | RTL, RTL\Delphi | RSP-12944 (https://quality.embarcadero.com/browse/RSP-12944) |
| Add CreateImplementation method for TRttiInvokableType | RTL, RTL\Delphi | RSP-38690 (https://quality.embarcadero.com/browse/RSP-38690) |
| WinHTTP no support data 4gb+ | RTL, RTL\Delphi | RSP-36209 (https://quality.embarcadero.com/browse/RSP-36209) |
| Add support for UTF8 without BOM into the TEncoding | RTL, RTL\Delphi | RSP-40075 (https://quality.embarcadero.com/browse/RSP-40075) |
| Optimize JSONNameAttribute constructor | RTL, RTL\Delphi | RSP-40624 (https://quality.embarcadero.com/browse/RSP-40624) |
| Improve TGroupCollection GetItems | RTL, RTL\Delphi | RSP-40538 (https://quality.embarcadero.com/browse/RSP-40538) |
| support Deflate64 with TZipFile | RTL, RTL\Delphi | RSP-37326 (https://quality.embarcadero.com/browse/RSP-37326) |
| Add overload for ToString with TFormatSettings as parameter | RTL, RTL\Delphi | RSP-40613 (https://quality.embarcadero.com/browse/RSP-40613) |
| Allow to set the indent string for FormatXMLData method | RTL, RTL\Delphi | RSP-36937 (https://quality.embarcadero.com/browse/RSP-36937) |
| Add a datetime conversion function to TZipFile | RTL, RTL\Delphi | RSP-37614 (https://quality.embarcadero.com/browse/RSP-37614) |
| WinApi.Media.OCR missing | RTL, RTL\Delphi | RSP-38195 (https://quality.embarcadero.com/browse/RSP-38195) |
| TSparseArray.Add can be optimized | RTL, RTL\Delphi | RSP-40156 (https://quality.embarcadero.com/browse/RSP-40156) |

| | | |
|---|-----------------|---|
| | | m/browse/RSP-40156) |
| Give a name to TComponentState's underlying enum and others | RTL, RTL\Delphi | RSP-38859 (https://quality.embarcadero.com/browse/RSP-38859) |
| Enhance "Listindex out of bounds(x)" | RTL, RTL\Delphi | RSP-38950 (https://quality.embarcadero.com/browse/RSP-38950) |
| Registry functions incomplete | RTL, RTL\Delphi | RSP-15275 (https://quality.embarcadero.com/browse/RSP-15275) |
| Is android library incomplete? | RTL, RTL\Delphi | RSP-36708 (https://quality.embarcadero.com/browse/RSP-36708) |
| TZipFile gives "Stream write error" when disk is full | RTL, RTL\Delphi | RSP-19114 (https://quality.embarcadero.com/browse/RSP-19114) |
| LongWord missing .ToString helper on Linux platform | RTL, RTL\Delphi | RSP-17243 (https://quality.embarcadero.com/browse/RSP-17243) |
| I want WebP support. | RTL, RTL\Delphi | RSP-39862 (https://quality.embarcadero.com/browse/RSP-39862) |
| Returning clause in SQLite | RTL, RTL\Delphi | RSP-42451 (https://quality.embarcadero.com/browse/RSP-42451) |
| New method IsEmpty for collections and lists | RTL, RTL\Delphi | RSP-35296 (https://quality.embarcadero.com/browse/RSP-35296) |
| Add missing values to System.UIConsts.Colors | RTL, RTL\Delphi | RSP-42250 (https://quality.embarcadero.com/browse/RSP-42250) |
| Add a rename-function to TZipFile | RTL, RTL\Delphi | RSP-38082 (https://quality.embarcadero.com/browse/RSP-38082) |
| Update DunitX to latest version | RTL, RTL\Delphi | RSP-38422 (https://quality.embarcadero.com/browse/RSP-38422) |

| | | |
|---|-----------------|--|
| | | m/browse/RSP-38422) |
| Optimize For* methods in System.Net.Mime | RTL, RTL\Delphi | RSP-29034 (https://quality.embarcadero.com/browse/RSP-29034) |
| Introduce an invert method to System.SysUtils.DateTimeFormatToNative | RTL, RTL\Delphi | RSP-39661 (https://quality.embarcadero.com/browse/RSP-39661) |
| New System.IOUtils.TPath method | RTL, RTL\Delphi | RSP-40753 (https://quality.embarcadero.com/browse/RSP-40753) |
| Add support for connect timeout in TSocket | RTL, RTL\Delphi | RSP-36663 (https://quality.embarcadero.com/browse/RSP-36663) |
| Handling Redirects in TRESTClient | RTL, RTL\Delphi | RSP-35756 (https://quality.embarcadero.com/browse/RSP-35756) |
| TArray<Integer>.ToDelimitedString(',') | RTL, RTL\Delphi | RSP-33652 (https://quality.embarcadero.com/browse/RSP-33652) |
| Complete Support for UInt64 | RTL, RTL\Delphi | RSP-24727 (https://quality.embarcadero.com/browse/RSP-24727) |
| Use NativeInt for list count and index | RTL, RTL\Delphi | RSP-20886 (https://quality.embarcadero.com/browse/RSP-20886) |
| Make FileTimeToDateTime public | RTL, RTL\Delphi | RSP-36734 (https://quality.embarcadero.com/browse/RSP-36734) |
| TODOMImplementationFactory in Xml.omnixmldom and Xml.adomxmldom are not thread-safe | RTL, RTL\Delphi | RSP-36819 (https://quality.embarcadero.com/browse/RSP-36819) |
| Better GetTypeData | RTL, RTL\Delphi | RSP-34702 (https://quality.embarcadero.com/browse/RSP-34702) |
| Several GetHashCode functions should use xor | RTL, RTL\Delphi | RSP-34761 (https://quality.embarcadero.com) |

| | | |
|--|-----------------|--|
| | | m/browse/RSP-34761) |
| Using the Execute method of THTTPClient with a method of DELETE does not include the request body on Linux | RTL, RTL\Delphi | RSP-41930 (https://quality.embarcadero.com/browse/RSP-41930) |
| TArray Integer mishmash | RTL, RTL\Delphi | RSP-39686 (https://quality.embarcadero.com/browse/RSP-39686) |
| Memory leak in TJsonDynamicContractResolver class | RTL, RTL\Delphi | RSP-41421 (https://quality.embarcadero.com/browse/RSP-41421) |
| Winapi.Windows.DrawText wrapper can change string passed in as const | RTL, RTL\Delphi | RSP-31233 (https://quality.embarcadero.com/browse/RSP-31233) |
| Method interception tries to write back parameter value that was passed from const | RTL, RTL\Delphi | RSP-42016 (https://quality.embarcadero.com/browse/RSP-42016) |
| Better AnsiCompareStr and AnsiCompareText | RTL, RTL\Delphi | RSP-37015 (https://quality.embarcadero.com/browse/RSP-37015) |
| ChangeDisplaySettings lpDevMode allows nil/null | RTL, RTL\Delphi | RSP-37110 (https://quality.embarcadero.com/browse/RSP-37110) |
| ICategorizer.GetCategory is declared incorrectly in Winapi.ShlObj | RTL, RTL\Delphi | RSP-16237 (https://quality.embarcadero.com/browse/RSP-16237) |
| FilterServerSupportFunctionProc WinApi badly converted in Delphi | RTL, RTL\Delphi | RSP-33754 (https://quality.embarcadero.com/browse/RSP-33754) |
| CreateRemoteThreadEx declared wrongly | RTL, RTL\Delphi | RSP-37111 (https://quality.embarcadero.com/browse/RSP-37111) |
| Missing and typos in Winapi.Windows new declarations | RTL, RTL\Delphi | RSP-30156 (https://quality.embarcadero.com/browse/RSP-30156) |
| Transcription of _CERT_STRONG_SIGN_PARA in Winapi.Windows.pas is not clear | RTL, RTL\Delphi | RSP-29342 (https://quality.embarcadero.com |

| | | |
|---|-----------------|--|
| | | m/browse/RSP-29342) |
| PSRWLOCK is incorrectly defined in Winapi.Windows | RTL, RTL\Delphi | RSP-36027 (https://quality.embarcadero.com/browse/RSP-36027) |
| Transcription of _CTL_USAGE is wrong in Winapi.Windows.pas | RTL, RTL\Delphi | RSP-28550 (https://quality.embarcadero.com/browse/RSP-28550) |
| GetDefaultUserProfileDirectory prototype wrong | RTL, RTL\Delphi | RSP-31367 (https://quality.embarcadero.com/browse/RSP-31367) |
| wrong winapi SendDlgItemMsg | RTL, RTL\Delphi | RSP-40217 (https://quality.embarcadero.com/browse/RSP-40217) |
| Better ToHexString and IntToHex inlining | RTL, RTL\Delphi | RSP-35231 (https://quality.embarcadero.com/browse/RSP-35231) |
| Waiting for canceled task that never got chance to run hangs | RTL, RTL\Delphi | RSP-34333 (https://quality.embarcadero.com/browse/RSP-34333) |
| DateTimeHelper have defects in setters | RTL, RTL\Delphi | RSP-35696 (https://quality.embarcadero.com/browse/RSP-35696) |
| TRegistry.MoveKey moves REG_MULTI_SZ values incorrectly | RTL, RTL\Delphi | RSP-39581 (https://quality.embarcadero.com/browse/RSP-39581) |
| TZipFile -> TZipProgressEvent -> Position -> Wrong Value on files greater 4.2GB | RTL, RTL\Delphi | RSP-38036 (https://quality.embarcadero.com/browse/RSP-38036) |
| XML Parsing is not thread-safe | RTL, RTL\Delphi | RSP-36814 (https://quality.embarcadero.com/browse/RSP-36814) |
| GetGdiCompatibleGlyphMetrics is declared wrongly in D2D1.pas | RTL, RTL\Delphi | RSP-36687 (https://quality.embarcadero.com/browse/RSP-36687) |
| TTask access violation in TTask.InternalAddCompleteEvent | RTL, RTL\Delphi | RSP-35121 (https://quality.embarcadero.com) |

| | | |
|--|-----------------|---|
| | | m/browse/RSP-35121) |
| TEqualityComparer<T>.Default incorrect for records with operator overloading | RTL, RTL\Delphi | RSP-34600 (https://quality.embarcadero.com/browse/RSP-34600) |
| TNetEncoding.Url.EncodeQuery and EncodeAuth producing wrong encoding | RTL, RTL\Delphi | RSP-38522 (https://quality.embarcadero.com/browse/RSP-38522) |
| Memory leak in TArray.Sort<T>() without comparer | RTL, RTL\Delphi | RSP-37655 (https://quality.embarcadero.com/browse/RSP-37655) |
| System.ZLib.ZDecompress loops infinitely if given truncated zlib data | RTL, RTL\Delphi | RSP-39715 (https://quality.embarcadero.com/browse/RSP-39715) |
| TZCompressionStream.CompressionRate return 0 (at 4 GB) | RTL, RTL\Delphi | RSP-41327 (https://quality.embarcadero.com/browse/RSP-41327) |
| Sorting array of dynamic array is defect under 64bit targets | RTL, RTL\Delphi | RSP-37115 (https://quality.embarcadero.com/browse/RSP-37115) |
| TList<T>.IndexOf/LastIndex of implementation not optimal | RTL, RTL\Delphi | RSP-31381 (https://quality.embarcadero.com/browse/RSP-31381) |
| AnsiStrings.AnsiStrLComp segfault on Linux | RTL, RTL\Delphi | RSP-31595 (https://quality.embarcadero.com/browse/RSP-31595) |
| Stackoverflow when serialize TQueue or TObjectQueue | RTL, RTL\Delphi | RSP-36817 (https://quality.embarcadero.com/browse/RSP-36817) |
| ZLib version constants need to be updated to match library 1.2.12 | RTL, RTL\Delphi | RSP-39186 (https://quality.embarcadero.com/browse/RSP-39186) |
| BinaryCompare in System.Defaults should take Size as NativeInt | RTL, RTL\Delphi | RSP-38482 (https://quality.embarcadero.com/browse/RSP-38482) |
| RTTI TValue does not handle 64bit dynamic arrays correctly | RTL, RTL\Delphi | RSP-23822 (https://quality.embarcadero.com/browse/RSP-23822) |

| | | |
|---|-----------------|--|
| | | m/browse/RSP-23822) |
| FMX.Context.GLES.TGlesDiagnostic.CollectErrors is not anymore necessary | RTL, RTL\Delphi | RSP-39491 (https://quality.embarcadero.com/browse/RSP-39491) |
| Issue about TPtrWrapper | RTL, RTL\Delphi | RSP-19988 (https://quality.embarcadero.com/browse/RSP-19988) |
| Variant to double conversion issues | RTL, RTL\Delphi | RSP-32071 (https://quality.embarcadero.com/browse/RSP-32071) |
| Invalid char in compiler directive in GETMEM.INC | RTL, RTL\Delphi | RSP-39196 (https://quality.embarcadero.com/browse/RSP-39196) |
| ConvertErrorFmt duplicated in System.SysUtils and in System.AnsiStrings | RTL, RTL\Delphi | RSP-40689 (https://quality.embarcadero.com/browse/RSP-40689) |
| TRttiProperty.SetValue doesn't work for OleVariant of array type | RTL, RTL\Delphi | RSP-41231 (https://quality.embarcadero.com/browse/RSP-41231) |
| CompareMem should have Length parameter declared as NativeInt | RTL, RTL\Delphi | RSP-37117 (https://quality.embarcadero.com/browse/RSP-37117) |
| TCardinalHelper.ToString should use UIntToStr | RTL, RTL\Delphi | RSP-37201 (https://quality.embarcadero.com/browse/RSP-37201) |
| Better ReallocMem | RTL, RTL\Delphi | RSP-41529 (https://quality.embarcadero.com/browse/RSP-41529) |
| Improve string interning in TJSONByteReader | RTL, RTL\Delphi | RSP-37787 (https://quality.embarcadero.com/browse/RSP-37787) |
| The ConvertThreadToFiber() API is incorrectly defined | RTL, RTL\Delphi | RSP-40148 (https://quality.embarcadero.com/browse/RSP-40148) |
| TArray.BinarySearch uses linear search in worst case scenario | RTL, RTL\Delphi | RSP-40174 (https://quality.embarcadero.com) |

| | | |
|---|-----------------|---|
| | | m/browse/RSP-40174) |
| Zlib decompression brings SourceStream to last position | RTL, RTL\Delphi | RSP-40522 (https://quality.embarcadero.com/browse/RSP-40522) |
| Missing System.Math min / max for cardinal | RTL, RTL\Delphi | RSP-32477 (https://quality.embarcadero.com/browse/RSP-32477) |
| TFileRec.handle has wrong type | RTL, RTL\Delphi | RSP-41302 (https://quality.embarcadero.com/browse/RSP-41302) |
| Deadlock in TParallel.For | RTL, RTL\Delphi | RSP-36309 (https://quality.embarcadero.com/browse/RSP-36309) |
| TShiftState can generate Unresolved external 'System::Set link error | RTL, RTL\Delphi | RSP-39837 (https://quality.embarcadero.com/browse/RSP-39837) |
| Problematic change to Currency.ToString | RTL, RTL\Delphi | RSP-36927 (https://quality.embarcadero.com/browse/RSP-36927) |
| EnumSystemLocalesEx callback returns BOOL but expects 1, not Delphi's True | RTL, RTL\Delphi | RSP-30517 (https://quality.embarcadero.com/browse/RSP-30517) |
| TTask deadlock | RTL, RTL\Delphi | RSP-40175 (https://quality.embarcadero.com/browse/RSP-40175) |
| Delphi FMX Win32/64--the Alt-F4 exit function is masked when active window includes Alt-S shortcut. | RTL, RTL\Delphi | RSP-40822 (https://quality.embarcadero.com/browse/RSP-40822) |
| shlwapi function StrFormatByteSize64 translated incorrectly from Windows headers | RTL, RTL\Delphi | RSP-29943 (https://quality.embarcadero.com/browse/RSP-29943) |
| GetEnvironmentVariable declared as overloaded in Winapi.Windows | RTL, RTL\Delphi | RSP-31702 (https://quality.embarcadero.com/browse/RSP-31702) |
| System.IOUtils.TPath.GetExtendedPrefix returns wrong result | RTL, RTL\Delphi | RSP-40247 (https://quality.embarcadero.com/browse/RSP-40247) |

| | | |
|---|-----------------|---|
| | | m/browse/RSP-40247) |
| InitializeProcThreadAttributeList declared wrongly | RTL, RTL\Delphi | RSP-37112 (https://quality.embarcadero.com/browse/RSP-37112) |
| (Delphi 10.4) Many declarations in Winapi.D2D1.pas were improperly translated | RTL, RTL\Delphi | RSP-34071 (https://quality.embarcadero.com/browse/RSP-34071) |
| UpdateProcThreadAttribute's parameter declared wrongly | RTL, RTL\Delphi | RSP-37113 (https://quality.embarcadero.com/browse/RSP-37113) |
| CreateGdiCompatibleTextLayout is declared wrongly in Winapi.D2D1 | RTL, RTL\Delphi | RSP-36642 (https://quality.embarcadero.com/browse/RSP-36642) |
| StartServiceCtrlDispatcher declared wrong in Winapi.WinSvc | RTL, RTL\Delphi | RSP-32412 (https://quality.embarcadero.com/browse/RSP-32412) |
| IKnownFolderManager.GetFolderIds has wrong definition | RTL, RTL\Delphi | RSP-40395 (https://quality.embarcadero.com/browse/RSP-40395) |
| UpdateProcThreadAttribute is defined wrongly in Winapi.Windows | RTL, RTL\Delphi | RSP-37542 (https://quality.embarcadero.com/browse/RSP-37542) |
| Add missing flags/constants for process creation | RTL, RTL\Delphi | RSP-37080 (https://quality.embarcadero.com/browse/RSP-37080) |
| SERVICE_FAILURE_ACTIONS_FLAG structure has wrong type | RTL, RTL\Delphi | RSP-30462 (https://quality.embarcadero.com/browse/RSP-30462) |
| StrToFloat - with exception values (nan,inf) | RTL, RTL\Delphi | RSP-38451 (https://quality.embarcadero.com/browse/RSP-38451) |
| Wrong declaration of CW_USEDEFAULT | RTL, RTL\Delphi | RSP-37119 (https://quality.embarcadero.com/browse/RSP-37119) |
| Remove TURLStream initialization from System.Net.HttpClient | RTL, RTL\Delphi | RSP-37452 (https://quality.embarcadero.com/browse/RSP-37452) |

| | | |
|---|-----------------|---|
| | | m/browse/RSP-37452) |
| getaddrinfo should default to the widest string version in a windows unit | RTL, RTL\Delphi | RSP-35313 (https://quality.embarcadero.com/browse/RSP-35313) |
| TRUSTEE_IS_COMPUTER is missing from winapi.acccctrl. | RTL, RTL\Delphi | RSP-35367 (https://quality.embarcadero.com/browse/RSP-35367) |
| Misspelling in Winapi.PsAPI.pas | RTL, RTL\Delphi | RSP-28795 (https://quality.embarcadero.com/browse/RSP-28795) |
| Better AnsiSameStr and AnsiSameText | RTL, RTL\Delphi | RSP-37016 (https://quality.embarcadero.com/browse/RSP-37016) |
| [DCC Erreur] : E2018 Type Record, Object ou Class requis with .toString | RTL, RTL\Delphi | RSP-32154 (https://quality.embarcadero.com/browse/RSP-32154) |
| Optimize SetOnLoadingFinished(AProc: TProc) in ToolsAPI.WelcomePage | RTL, RTL\Delphi | RSP-37521 (https://quality.embarcadero.com/browse/RSP-37521) |
| Missing System.Notification unit for Linux | RTL, RTL\Delphi | RSP-41395 (https://quality.embarcadero.com/browse/RSP-41395) |
| Incorrect recognition of the encoding of Cyrillic file names in Zip | RTL, RTL\Delphi | RSP-42369 (https://quality.embarcadero.com/browse/RSP-42369) |
| System.RTTI thread safety issue when calling LazyLoadAttributes | RTL, RTL\Delphi | RSP-42359 (https://quality.embarcadero.com/browse/RSP-42359) |
| empty REST response | RTL, RTL\Delphi | RSP-40757 (https://quality.embarcadero.com/browse/RSP-40757) |
| IMAGE_FIRST_SECTION behavior inconsistent with Windows SDK | RTL, RTL\Delphi | RSP-38987 (https://quality.embarcadero.com/browse/RSP-38987) |
| System.Generics.Collections TArray cannot handle full size arrays in 64bit mode | RTL, RTL\Delphi | RSP-23842 (https://quality.embarcadero.com/browse/RSP-23842) |

| | | |
|--|--|--|
| | | m/browse/RSP-23842) |
| sysctlbyname in SysSysctlAPI.inc should have different parameter declaration | RTL, RTL\Delphi | RSP-34180 (https://quality.embarcadero.com/browse/RSP-34180) |
| Managed records, RTTI and Memory leak | RTL, RTL\Delphi | RSP-41291 (https://quality.embarcadero.com/browse/RSP-41291) |
| GetProcessHeaps wrongly defined | RTL, RTL\Delphi | RSP-38064 (https://quality.embarcadero.com/browse/RSP-38064) |
| ReadDirectoryChangesEx missing in Winapi.Windows | RTL, RTL\Delphi | RSP-41545 (https://quality.embarcadero.com/browse/RSP-41545) |
| TDateTimePicker throws exception on arabic systems | RTL, RTL\Delphi | RSP-42217 (https://quality.embarcadero.com/browse/RSP-42217) |
| Indy project currently shipped is missing support for the PATCH HTTP method | RTL, RTL\Delphi | RSP-41536 (https://quality.embarcadero.com/browse/RSP-41536) |
| SInvalidDateString traduction error | RTL, RTL\Delphi | RSP-42375 (https://quality.embarcadero.com/browse/RSP-42375) |
| TJsonSerializer.Deserialize has memory leak when in_json_str has error | RTL, RTL\Delphi | RSP-42277 (https://quality.embarcadero.com/browse/RSP-42277) |
| Transcription of GetUserNameEx is wrong in Winapi.Windows.pas | RTL, RTL\Delphi | RSP-28814 (https://quality.embarcadero.com/browse/RSP-28814) |
| Memory corruption when closing a form from an action | RTL, RTL\Delphi | RSP-42441 (https://quality.embarcadero.com/browse/RSP-42441) |
| Decimal value in TJSONNumber must stay decimal value | RTL, RTL\Delphi | RSP-38387 (https://quality.embarcadero.com/browse/RSP-38387) |
| StrToDateTime conversion fails in some cases | RTL, RTL\Delphi, RTL\Delphi\Date/Time | RSP-40711 (https://quality.embarcadero.com |

| | | |
|---|---|--|
| | | m/browse/RSP-40711) |
| StrToDateTime uses Decimalseparator for time-fraction | RTL, RTL\Delphi, RTL\Delphi\Date/Time | RSP-41434 (https://quality.embarcadero.com/browse/RSP-41434) |
| Windows "wtsapi32.dll" api | RTL, RTL\Delphi, RTL\Delphi\Header Translations | RSP-37944 (https://quality.embarcadero.com/browse/RSP-37944) |
| Missing fiber functions | RTL, RTL\Delphi, RTL\Delphi\Header Translations | RSP-40056 (https://quality.embarcadero.com/browse/RSP-40056) |
| Windows api functions make wrong assumptions about 'var' (maybe due to automatic translation of header files) | RTL, RTL\Delphi, RTL\Delphi\Header Translations | RSP-40072 (https://quality.embarcadero.com/browse/RSP-40072) |
| Declaration of IKnownFolderManager.GetFolderIds() in ShlObj.pas is wrong | RTL, RTL\Delphi, RTL\Delphi\Header Translations | RSP-40106 (https://quality.embarcadero.com/browse/RSP-40106) |
| Incorrect API signature: ConvertThreadToFiber | RTL, RTL\Delphi, RTL\Delphi\Header Translations | RSP-40031 (https://quality.embarcadero.com/browse/RSP-40031) |
| EXPLICIT_ACCESS_W defined twice | RTL, RTL\Delphi, RTL\Delphi\Header Translations | RSP-41781 (https://quality.embarcadero.com/browse/RSP-41781) |
| GetThreadContext fails when called inside function | RTL, RTL\Delphi, RTL\Delphi\Header Translations | RSP-19429 (https://quality.embarcadero.com/browse/RSP-19429) |
| Winapi.D3D12 missing declarations | RTL, RTL\Delphi, RTL\Delphi\Header Translations | RSP-34157 (https://quality.embarcadero.com/browse/RSP-34157) |
| Wrong parameter to Windows API function | RTL, RTL\Delphi, RTL\Delphi\Header Translations, VCL | RSP-41866 (https://quality.embarcadero.com/browse/RSP-41866) |
| TDirectory.GetFiles (path, pattern) does not work on linux | RTL, RTL\Delphi, RTL\Delphi\I/O | RSP-41263 (https://quality.embarcadero.com/browse/RSP-41263) |
| TAndroidHelper.GetPrivatePreferences uses wrong class for MODE_PRIVATE | RTL, RTL\Delphi, RTL\Delphi\Other | RSP-15428 (https://quality.embarcadero.com) |

| | | |
|---|-----------------------------------|---|
| | | m/browse/RSP-15428) |
| TNotification has no sound for Android | RTL, RTL\Delphi, RTL\Delphi\Other | RSP-31811 (https://quality.embarcadero.com/browse/RSP-31811) |
| Delphi Android TNotification SoundName -- not functional on RIO | RTL, RTL\Delphi, RTL\Delphi\Other | RSP-23044 (https://quality.embarcadero.com/browse/RSP-23044) |
| Add generic enumerators to TComponent and TWinControl | RTL, RTL\Delphi, VCL | RSP-38237 (https://quality.embarcadero.com/browse/RSP-38237) |
| Please update Winapi.WebView2.pas unit and TEdgeBrowser with latest APIs | RTL, RTL\Delphi, VCL | RSP-38985 (https://quality.embarcadero.com/browse/RSP-38985) |
| unit WinAPI.UI.Notifications incomplete - IToastNotificationHistory missing | RTL, RTL\Delphi, VCL | RSP-36883 (https://quality.embarcadero.com/browse/RSP-36883) |
| HTTP DELETE with content (System.Net.HttpClient) | RTL\Delphi\Net | RSP-37887 (https://quality.embarcadero.com/browse/RSP-37887) |
| REST/HTTP Client: Valid certificates claimed as invalid under Linux | RTL\Delphi\Net | RSP-41422 (https://quality.embarcadero.com/browse/RSP-41422) |
| CookieManager fails to deal with cookie on redirection to different domain | RTL\Delphi\Net | RSP-35334 (https://quality.embarcadero.com/browse/RSP-35334) |
| Need Cookie update and redirect event for THTTPClient | RTL\Delphi\Net | RSP-38477 (https://quality.embarcadero.com/browse/RSP-38477) |
| TNetHTTPClient "Out of memory" on large file upload | RTL\Delphi\Net | RSP-31373 (https://quality.embarcadero.com/browse/RSP-31373) |
| THTTPClient get cookie error in macOS | RTL\Delphi\Net | RSP-41890 (https://quality.embarcadero.com/browse/RSP-41890) |
| System.Net.Mime.TMultipartFormData.AddFile does not work for big files | RTL\Delphi\Net | RSP-34308 (https://quality.embarcadero.com/browse/RSP-34308) |

| | | |
|--|-----------|---|
| | | m/browse/RSP-34308) |
| 0-valued TDateTimes received from SOAP calls are mangled | SOAP | RSP-40022 (https://quality.embarcadero.com/browse/RSP-40022) |
| Convert comments in ToolsAPI.pas to XML Doc | Tools API | RSP-19133 (https://quality.embarcadero.com/browse/RSP-19133) |
| Make SpellChecking available for TDBRichEdit | VCL | RSP-40018 (https://quality.embarcadero.com/browse/RSP-40018) |
| TListColumn.Tag is not a native-sized integer | VCL | RSP-39424 (https://quality.embarcadero.com/browse/RSP-39424) |
| Add 'ShowInTaskbar' property to TForm | VCL | RSP-35255 (https://quality.embarcadero.com/browse/RSP-35255) |
| Add OnCancelEdit event to TListView | VCL | RSP-39355 (https://quality.embarcadero.com/browse/RSP-39355) |
| Add ability to clear user data in TEdgeBrowser | VCL | RSP-39568 (https://quality.embarcadero.com/browse/RSP-39568) |
| Add UserAgent to ICoreWebView2Settings | VCL | RSP-34511 (https://quality.embarcadero.com/browse/RSP-34511) |
| RichEdit replace selection with formatted text (SFF_SELECTION) | VCL | RSP-35549 (https://quality.embarcadero.com/browse/RSP-35549) |
| Make TContainedAction.SetActionList(AActionList: TContainedActionList) protected and virtual | VCL | RSP-32740 (https://quality.embarcadero.com/browse/RSP-32740) |
| TNumberbox - Additional Mode "nbmInt64" | VCL | RSP-34079 (https://quality.embarcadero.com/browse/RSP-34079) |
| VCL TClipboard - make .Adding virtual | VCL | RSP-41705 (https://quality.embarcadero.com/browse/RSP-41705) |

| | | |
|--|-----|---|
| | | m/browse/RSP-41705) |
| BalloonHint position | VCL | RSP-39709 (https://quality.embarcadero.com/browse/RSP-39709) |
| Improvements for TactivityIndicator | VCL | RSP-36427 (https://quality.embarcadero.com/browse/RSP-36427) |
| Out of date dialogs | VCL | RSP-36343 (https://quality.embarcadero.com/browse/RSP-36343) |
| Edge Chromium Print Preview & Config | VCL | RSP-31708 (https://quality.embarcadero.com/browse/RSP-31708) |
| Expose useful callback helper types in interface section of Vcl.Edge | VCL | RSP-41313 (https://quality.embarcadero.com/browse/RSP-41313) |
| TControlList - MultiSelect - adding a SelectedItemsCount and SelectedItemsIndex | VCL | RSP-40821 (https://quality.embarcadero.com/browse/RSP-40821) |
| DownloadStarting Event on TEdgeBrowser | VCL | RSP-37154 (https://quality.embarcadero.com/browse/RSP-37154) |
| Add BTNS_WHOLEDROPDOWN toolbar button style support to TToolButton/TToolbar | VCL | RSP-42286 (https://quality.embarcadero.com/browse/RSP-42286) |
| Add Tile View support to TListView | VCL | RSP-39374 (https://quality.embarcadero.com/browse/RSP-39374) |
| Request: new safe version of TPrinter.GetPrinter | VCL | RSP-42404 (https://quality.embarcadero.com/browse/RSP-42404) |
| Changing system scaling causes Overlay icon to paint as black square in TreeView | VCL | RSP-37811 (https://quality.embarcadero.com/browse/RSP-37811) |
| Grayscale bitmap for black icon in ImageList | VCL | RSP-36238 (https://quality.embarcadero.com/browse/RSP-36238) |

| | | |
|---|-----|--|
| | | m/browse/RSP-36238) |
| VCL bug in designer of 11.2 | VCL | RSP-39654 (https://quality.embarcadero.com/browse/RSP-39654) |
| ShowException text disappear when use VCL styles | VCL | RSP-40127 (https://quality.embarcadero.com/browse/RSP-40127) |
| Regression on TToolBar between 10.4 and 11.2 | VCL | RSP-39553 (https://quality.embarcadero.com/browse/RSP-39553) |
| TLinkLabel becomes invisible when moved to monitor with different DPI settings | VCL | RSP-37943 (https://quality.embarcadero.com/browse/RSP-37943) |
| OnContextPopup not invoked by TComboBox with style csDropDown | VCL | RSP-40226 (https://quality.embarcadero.com/browse/RSP-40226) |
| Toolbar collapses when windows changed to maximize on monitor with different dpi setting | VCL | RSP-40592 (https://quality.embarcadero.com/browse/RSP-40592) |
| StyleServices.GetElementSize() returns fixed value for tcbCategoryGlyphClosed | VCL | RSP-33715 (https://quality.embarcadero.com/browse/RSP-33715) |
| Handles in the TScreen.Monitors list are not updated when Windows sends WM_DisplayChange | VCL | RSP-37708 (https://quality.embarcadero.com/browse/RSP-37708) |
| Title Buttons Dissapear | VCL | RSP-39733 (https://quality.embarcadero.com/browse/RSP-39733) |
| MessageDlg - mtConfirmation | VCL | RSP-40758 (https://quality.embarcadero.com/browse/RSP-40758) |
| Shift+F10 in TComboBox with style csDropDown opens always default popup menu instead of assigned TPopupMenu | VCL | RSP-40227 (https://quality.embarcadero.com/browse/RSP-40227) |
| [TControlList] Mouse Wheel in Welcome page and scrolling | VCL | RSP-37399 (https://quality.embarcadero.co |

| | | |
|---|-----|---|
| | | m/browse/RSP-37399) |
| Font size of TStringGrid Canvas not updated when monitor's DPI setting changes | VCL | RSP-38443 (https://quality.embarcadero.com/browse/RSP-38443) |
| Problems when using the AlignWithMargins and Constraints properties together | VCL | RSP-39006 (https://quality.embarcadero.com/browse/RSP-39006) |
| TListView discards changes if it has not created a window handle after destruction of a previous one | VCL | RSP-14075 (https://quality.embarcadero.com/browse/RSP-14075) |
| VCL Components TDatePicker and TTimePicker don't show "Visible" property in Object Inspector. | VCL | RSP-41677 (https://quality.embarcadero.com/browse/RSP-41677) |
| TDBRichEdit new properties not published | VCL | RSP-35495 (https://quality.embarcadero.com/browse/RSP-35495) |
| MDIChilds scaling differently/ DPI Awareness/per monitor v2 (and per monitor) | VCL | RSP-23046 (https://quality.embarcadero.com/browse/RSP-23046) |
| MDI Child activation/deactivation problem with rightclick on control such as a listview | VCL | RSP-20888 (https://quality.embarcadero.com/browse/RSP-20888) |
| MDI Child Form "disappears" when moving between different DPI monitors | VCL | RSP-39432 (https://quality.embarcadero.com/browse/RSP-39432) |
| Problem with gridlines in TDBGrid (HighDPI) | VCL | RSP-41185 (https://quality.embarcadero.com/browse/RSP-41185) |
| TForm.Margins not scaled | VCL | RSP-34984 (https://quality.embarcadero.com/browse/RSP-34984) |
| TCustomListView-derived component does not save/restore its Items and Columns properties during window recreation | VCL | RSP-15109 (https://quality.embarcadero.com/browse/RSP-15109) |
| ParentFont/Font behavior must be reimplemented/redesigned | VCL | RSP-36324 (https://quality.embarcadero.com/browse/RSP-36324) |

| | | |
|--|-----|--|
| | | m/browse/RSP-36324) |
| TBalloonHint with title shifts and cuts off long descriptions | VCL | RSP-30327 (https://quality.embarcadero.com/browse/RSP-30327) |
| Vcl.Themes: Wrong spelling in TStyleFont | VCL | RSP-36857 (https://quality.embarcadero.com/browse/RSP-36857) |
| TComboBox with wider DropDownWidth floats over monitor edge | VCL | RSP-37012 (https://quality.embarcadero.com/browse/RSP-37012) |
| TEdgeBrowser update causes hangs | VCL | RSP-39565 (https://quality.embarcadero.com/browse/RSP-39565) |
| TListBox.MeasureItem fires before font is rescaled when switching DPI | VCL | RSP-35901 (https://quality.embarcadero.com/browse/RSP-35901) |
| Form loses Modelness when Style is changed to any Style and next back to "Windows" Style | VCL | RSP-37223 (https://quality.embarcadero.com/browse/RSP-37223) |
| Wrong scaled MDIChild form when FormStyle was set on MDIChild before showing | VCL | RSP-31397 (https://quality.embarcadero.com/browse/RSP-31397) |
| AddImages to Second VirtualList not working | VCL | RSP-31363 (https://quality.embarcadero.com/browse/RSP-31363) |
| TTreeView gets corrupted after Windows Theme change | VCL | RSP-38846 (https://quality.embarcadero.com/browse/RSP-38846) |
| THotKey does not accept Del or Shift+Del | VCL | RSP-40478 (https://quality.embarcadero.com/browse/RSP-40478) |
| Rich Edit spellcheck context menu has incorrect cursor (text cursor instead of arrow) | VCL | RSP-35499 (https://quality.embarcadero.com/browse/RSP-35499) |
| HiDpi - Win10 - 4k display - 300% scaling - TTreeView - Images are automatically scaled by TTreeView - Can not disable this (double) scaling | VCL | RSP-36397 (https://quality.embarcadero.com) |

| | | |
|---|-----|---|
| | | m/browse/RSP-36397) |
| OnRemoteSessionChanged should be nil in TMultiCaster.Destroy | VCL | RSP-40539 (https://quality.embarcadero.com/browse/RSP-40539) |
| TTaskbar Thumbnail-Click for MDI not working | VCL | RSP-32089 (https://quality.embarcadero.com/browse/RSP-32089) |
| HeaderFont is not scaling in run-time (GroupBox and derived components) | VCL | RSP-35484 (https://quality.embarcadero.com/browse/RSP-35484) |
| TTreeView check state is not inherited with Assign() | VCL | RSP-35967 (https://quality.embarcadero.com/browse/RSP-35967) |
| Change VCL Style at runtime makes MDI-Child "invisible" | VCL | RSP-31082 (https://quality.embarcadero.com/browse/RSP-31082) |
| When TRichEdit is ReadOnly it does not want to load images from Rtf file. | VCL | RSP-37809 (https://quality.embarcadero.com/browse/RSP-37809) |
| MDI Child Form wrong DPI scaling between monitors | VCL | RSP-38971 (https://quality.embarcadero.com/browse/RSP-38971) |
| Parented forms are DPI scaled | VCL | RSP-31137 (https://quality.embarcadero.com/browse/RSP-31137) |
| Form.Font not scaled when Form.ParentFont = True | VCL | RSP-34878 (https://quality.embarcadero.com/browse/RSP-34878) |
| TLabel and TEdit are scaled twice when ParentFont = False | VCL | RSP-32073 (https://quality.embarcadero.com/browse/RSP-32073) |
| Data clipping: Wrong Type in TClipboard (Word instead of Cardinal for Format) | VCL | RSP-39775 (https://quality.embarcadero.com/browse/RSP-39775) |
| Buttons in maximized MDI window are old style | VCL | RSP-13876 (https://quality.embarcadero.com/browse/RSP-13876) |

| | | |
|--|-----|---|
| | | m/browse/RSP-13876) |
| TForm.ParentFont behaves in unexpected manner when DPI changes | VCL | RSP-40307 (https://quality.embarcadero.com/browse/RSP-40307) |
| TButton.ImageMargins not scaling | VCL | RSP-37083 (https://quality.embarcadero.com/browse/RSP-37083) |
| [VCL Styles] Combobox dropdown items secondary monitor | VCL | RSP-40459 (https://quality.embarcadero.com/browse/RSP-40459) |
| TBrowseForFolder.OnUpdate not published | VCL | RSP-41776 (https://quality.embarcadero.com/browse/RSP-41776) |
| TSplitter.MinSize property does not DPI scaling | VCL | RSP-38803 (https://quality.embarcadero.com/browse/RSP-38803) |
| Font.Size and Font.PixelsPerInch do not respect per-monitor scaling | VCL | RSP-35021 (https://quality.embarcadero.com/browse/RSP-35021) |
| Access Violation occurs on TAction's destroying at runtime | VCL | RSP-41470 (https://quality.embarcadero.com/browse/RSP-41470) |
| A problem with elements positions on VCL form with High-DPI enabled | VCL | RSP-42072 (https://quality.embarcadero.com/browse/RSP-42072) |
| FreeLibrary hangs if Dll use Vcl styles or TDirect2DCanvas | VCL | RSP-36239 (https://quality.embarcadero.com/browse/RSP-36239) |
| Changing Style instable - often crashes | VCL | RSP-36985 (https://quality.embarcadero.com/browse/RSP-36985) |
| Style redraw after MDI Child minimize | VCL | RSP-38543 (https://quality.embarcadero.com/browse/RSP-38543) |
| Maximizing then minimizing MDI child with style causes layout problems in parent | VCL | RSP-39899 (https://quality.embarcadero.com/browse/RSP-39899) |

| | | |
|--|-----|---|
| | | m/browse/RSP-39899) |
| TForm.ParentFont = true causes scaling error with HighDPI | VCL | RSP-30677 (https://quality.embarcadero.com/browse/RSP-30677) |
| Memory leak with TImage and animated gif | VCL | RSP-36675 (https://quality.embarcadero.com/browse/RSP-36675) |
| Mixed DPI anchoring fault for child controls of PageControl, GroupBox, Panel | VCL | RSP-30144 (https://quality.embarcadero.com/browse/RSP-30144) |
| TCustomForm.CreateNew does not set ScaleFactor | VCL | RSP-39166 (https://quality.embarcadero.com/browse/RSP-39166) |
| TCustomGrid - GridLineWidth - TCustomGrid_ActualGridLineWidth | VCL | RSP-40787 (https://quality.embarcadero.com/browse/RSP-40787) |
| Delphi 11.1 inhibits (some custom-control) Win32 scroll bar context menus | VCL | RSP-38030 (https://quality.embarcadero.com/browse/RSP-38030) |
| Checked background of TMenuItem with imagelist icon is placed wrong | VCL | RSP-42388 (https://quality.embarcadero.com/browse/RSP-42388) |
| ActionList showing action slow | VCL | RSP-40705 (https://quality.embarcadero.com/browse/RSP-40705) |
| Issue during Conversion from Bitmap to Jpeg | VCL | RSP-41738 (https://quality.embarcadero.com/browse/RSP-41738) |
| Raise VCL Components x64 incompatibility | VCL | RSP-42376 (https://quality.embarcadero.com/browse/RSP-42376) |
| Bad repaint of VCL styled scrollbar if PageSize > 0 | VCL | RSP-36419 (https://quality.embarcadero.com/browse/RSP-36419) |
| TNumberBox ignores MinValue/MaxValue if they are equal | VCL | RSP-40722 (https://quality.embarcadero.com/browse/RSP-40722) |

| | | |
|---|------------------------|--|
| | | m/browse/RSP-40722) |
| Windows notifications for update subscriptions is reported from "bds" | VCL | RSP-32629 (https://quality.embarcadero.com/browse/RSP-32629) |
| SelectDirectory has no ParentWnd argument | VCL | RSP-39965 (https://quality.embarcadero.com/browse/RSP-39965) |
| Edgebrowser not supporting proxy settings | VCL | RSP-38194 (https://quality.embarcadero.com/browse/RSP-38194) |
| TitleBarPanel swallows windows context menu | VCL | RSP-39112 (https://quality.embarcadero.com/browse/RSP-39112) |
| Scrollbar TInplaceEditList missing when using custom VCL styles | VCL | RSP-40207 (https://quality.embarcadero.com/browse/RSP-40207) |
| TForm shows prematurely if OnShow triggers DPI change | VCL | RSP-42084 (https://quality.embarcadero.com/browse/RSP-42084) |
| Crash in ListView | VCL | RSP-41292 (https://quality.embarcadero.com/browse/RSP-41292) |
| Konopka controls not aslr compatible (bug 64 bits) | VCL | RSP-41488 (https://quality.embarcadero.com/browse/RSP-41488) |
| [styled designer] akRight anchored controls change position or width upon close/reopen in IDE | VCL | RSP-39606 (https://quality.embarcadero.com/browse/RSP-39606) |
| Performance VCL Styling | VCL, VCL\Styles/Themes | RSP-38500 (https://quality.embarcadero.com/browse/RSP-38500) |
| Issues with Tool Button and with MDI Child when using "Cyan Dusk" Style | VCL, VCL\Styles/Themes | RSP-40810 (https://quality.embarcadero.com/browse/RSP-40810) |
| TTreeView and TListView Font.Color ignored when StyleElements excludes seFont | VCL, VCL\Styles/Themes | RSP-30495 (https://quality.embarcadero.com) |

See Also

- [Release Notes](#)
- [What's New](#)

Retrieved from "https://docwiki.embarcadero.com/RADStudio/Athens/e/index.php?title=New_features_and_customer_reported_issues_fixed_in_RAD_Studio_12.0&oldid=276524"

This page was last edited on 4 April 2024, at 06:51.