QuickReport

General note: These steps are written in order to help users trying to install the TQRChart component independently of the TeeChart, QuickReport or Delphi version they are using.

Note for source code customers: TeeRecompile tool shipped with the Source Code installation compiles the TQRChart package for you. If TeeRecompile gives dependence errors when trying to build the TQRChart packages, edit the TQRChart packages manually (with notepad or similar), correct any wrong package name you may find in the *requires* list (see the nomenclature appendix at the end of this document) and run TeeRecompile tool again..

All TeeChart packages are compiled with the built-in version of Quick Report. If you're using a different Quick Report version (newer or PRO version) you'll have to recompile and reinstall the TQRChart component files after you've installed the latest TeeChart and Quick Report versions. The necessary source code files (all TQRChart component files) are located in one of TeeChart's subfolders ("QuickReport" subfolder). In addition, below you will find **step-by-step instructions** explaining how to compile and use TeeChart with any QuickReport version.

Cleaning the environment from previous TeeChart or QuickReport installations. These are recommended steps to avoid delphi's possible confusions when trying to install the TQRChart package later:

1. If you have installed a version of TeeChart, uninstall it with Delphi closed. This step is not necessary for the version shipped with the IDE.

2. Uninstall the old version of QuickReport with Delphi closed.

3. Clean any residual files and folders remaining. Search for any TeeChart and QuickReport files which may still be in Delphi's bin folder, Delphi's lib folder and windows' System32/SysWOW64 folder. **Be careful** when removing files from the System32/SysWOW64 folder; you may wish to backup the files before removing them. See the appendix at the end of this document to see the naming convention for TeeChart, QuickReport and TQRChart files.

4. Clean Delphi's search path. Remove references to uninstalled packages.

5. Open Delphi and test it running an empty form.

6. Install QuickReport with Delphi closed.

7. Open Delphi and add the QuickReport design bpls to Delphi's packages list.

8. Add the path where QuickReport was installed to the IDE library path.

9. Test Delphi with QuickReport running an application with only a *QuickRep* component on the form.

10. Install TeeChart with Delphi closed.

11. Open Delphi and test it with TeeChart running an application with only a *Chart* component on the form.

TQRChart packages compilation.

12. We recommend you create a new folder to hold the compiled files we are going to generate. This will be a temporal folder and we will delete it after finishing the installation process. Meanwhile, as we need to reference it, we will call it the "compiled folder" during these installation instructions.

13. Open the runtime packages for TQRChart. They are called Tee9QR5D17.dpk, Tee8QR4D11.dpk, Tee7QR4D10.dpk,... (see the nomenclature appendix at the end of this document). You will find these packages in your TeeChart installation folder, inside QuickReport folder.

14. Set the "compiled folder" we've just created as the output path for the compiled files that the package compilation will generate. This will make it easier to find the bpl, dcu and dcp files.

15. Build the project. If you receive an error finding the correct runtime library for QuickReport, you should look for the dcp file that causes the problem in the "requires" list, remove it from the list and add the runtime QuickReport package (see the nomenclature appendix at the end of this document to find the name of the correct package). Then try building again.

16. Save the project once it compiles correctly.

17. Open the design time package for TQRChart. It is called DclTee9QR5D17.dpk, DclTee8QR4D11.dpk, DclTee7QR4D10.dpk,... (see the nomenclature appendix at the end of this document). You will find the package at your TeeChart installation folder, inside the QuickReport folder.

18. Again, set the "compiled folder" as the output path for the compiled files that the package compilation will generate. Also add this folder to the search path list too as this design time package needs to find the TQRChart runtime package compiled files we've just generated.

19. Build the project. If you find an error finding the correct design time library for TeeChart, you should look for the dcp file that causes the problem in the "requires" list, remove it from the list and add the runtime TeeChart package (see the nomenclature appendix at the end of this document to find the name of the correct package). Then try to build it again.

20. Save the project once it compiles correctly.

Here you should have everything you need compiled.

21. Close Delphi and copy the compiled files from your "compiled folder":

- TQRChart's design time bpl to Delphi's bin folder (DclTee9QR5D17.bpl, DclTee8QR4D11.bpl, DclTee7QR4D10.bpl or...).

- All dcu and dcp files to Delphi's lib folder.

- TQRChart's runtime bpl to your windows' system32 folder (Tee9QR5D17.bpl, Tee8QR4D11.bpl, Tee7QR4D10.bpl or...).

22. Just in case, and with Delphi closed, copy all bpls from the bpl folder inside your TeeChart installation folder to your Delphi's bin folder.

23. Open Delphi and add TQRChart's design time bpl from your Delphi's bin folder to Delphi's package list.

24. Finally, you can test if TQRChart works fine in a new application. To do this, create a new application in you IDE, drag a *QuickRep* component on the Form, drag a *QRBand* component onto the *QuickRep* and a *TQRChart* component onto the *QRBand*.

Nomenclature Appendix

TeeChart, QuickReport and the Delphi IDEs are mature products which have been on the market for many years, which has led to new package names and new possible combinations of version numbers further complicating the build process.

TQRChart

You can find the sources of the TQRChart packages in the QuickReport folder in the TeeChart installation.

The TQRChart packages usually have three numbers in its package names. Ie: Tee9QR5D17 (runtime package for TeeChart v2012 with QuickReport 5 in RAD Studio XE3) and DclTee9QR5D17 (design time package for the same environment).

When the package starts with "Dcl" it means it's a design time package. If I doesn't start with this prefix, it's a runtime package.

The **first number** indicates the TeeChart version. Note TeeChart still conserves the version number "9" for its packages nowadays. This number doesn't change even if the product name changes: TeeChart VCL 2010, TeeChart VCL 2011, TeeChart VCL 2012. All these packages share the same "9" internal number.

The **second number** indicates the QuickReport version.

The **third number** indicates the IDE version.

TeeChart

You can find the TeeChart packages in the Bin and System folders in the TeeChart installation. The design time packages are in the Bin folder and the runtime packages are those in the System folder. Note the TeeChart installer copies the runtime packages into the windows System32/SysWOW64 folder, but not the design time packages.

Also note the TeeChart Standard packages shipped with the IDE always end with a zero "0". The special case here are BDS 2006 and RAD Studio 2007 (which code number is 10); the TeeChart Standard packages shipped with these IDEs end with "100".

QuickReport

QuickReport is installed into the same IDE folders structure, so both its design time and runtime packages can be found into the bin folder in the IDE.

You can search for "QR" in the IDE bin folder to find the QuickReport packages.

The design time package use to include the "Design" string in the file name while the runtime package use to include the "Run" string in the file name.