

Using a Makefile as the Options Source

This refers to the Makefile that the Tornado environment generates for the Tornado project when it is built. This Makefile is generated from a template using data stored in the Tornado project file. As a result, when you use this options source, it's critical to rebuild the Tornado project after you change its options. Otherwise, they will not be updated in C++test. In many ways, usage of this options source is similar to usage of any other Makefile-based C++test project; for details, see [Use options from a build system](#).

To use this options source, select **Options source> Use options from build system** in the C++test Properties panel's Build Settings page (to access this, right-click the project node, choose **Properties** from the shortcut menu, then select **Parasoft> C++test> Build Settings** in the left pane).

Because of the specific way in which Tornado calls make targets, you must add one of your Tornado project's "Rules" to the **Build command line** (details are provided in [Creating Projects Manually](#)).

Be sure to specify the compiler's driver executable name for the chosen compiler family (e.g. "ccsimpc" for wregcs-2.9/VxSim) in the **Compiler Settings> Linker** area because the linking options extracted from a Tornado-generated Makefile are prepared to be passed through the driver.

Because the Makefile-based configuration is a very general one, you do not need to use the Tornado-generated Makefiles. Instead, you can create customized ones and manage the compilation/linking yourself. This way, you're not synchronized to any Tornado project, and if you stop using the Tornado compilers for testing, then you're completely out of the Tornado-support domain.