

Static Analysis with the C/C++test Wind River Workbench Plugin

This topic explains how you can perform static code analysis with C/C++test Plugin for Wind River Workbench 4.x.

- [Configuring the Project](#)
- [Performing Static Analysis](#)

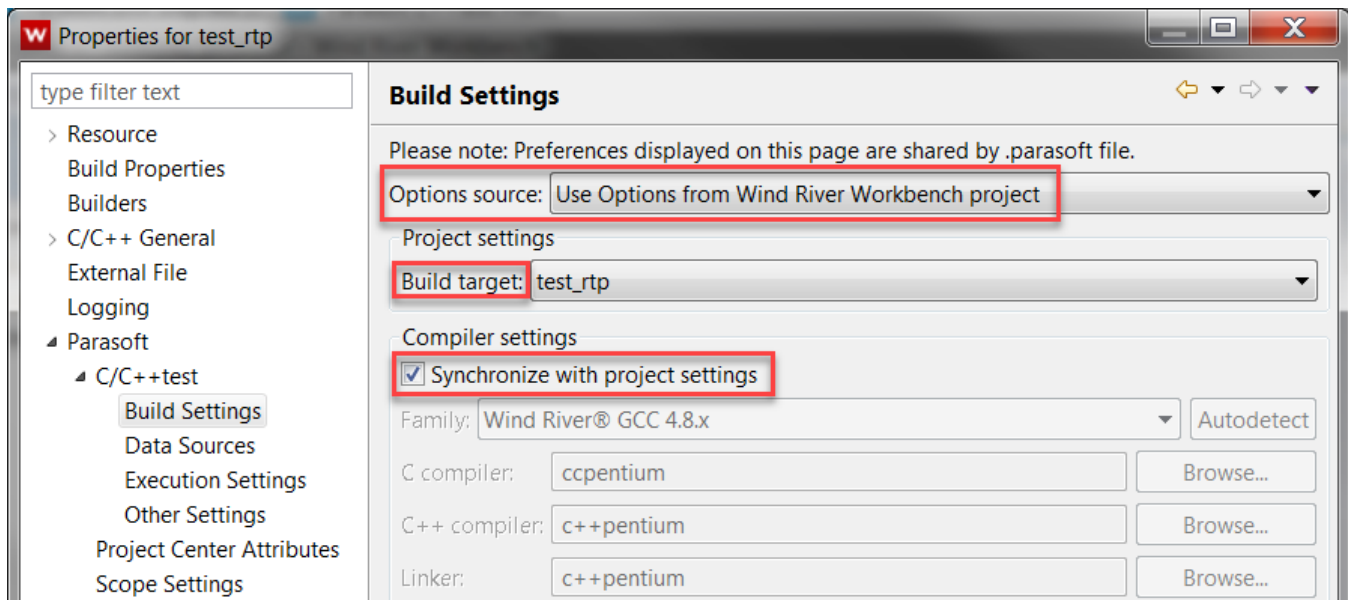
Configuring the Project

C/C++test Plugin for Wind River Workbench 4.x supports the following project types:

- Downloadable Kernel Module
- Real-Time Process

Before you analyze your C/C++ code, be sure the project is properly configured. Open the **Properties** of the project, go to **Parasoft> C/C++test> Build Settings** and ensure that the following options are configured:

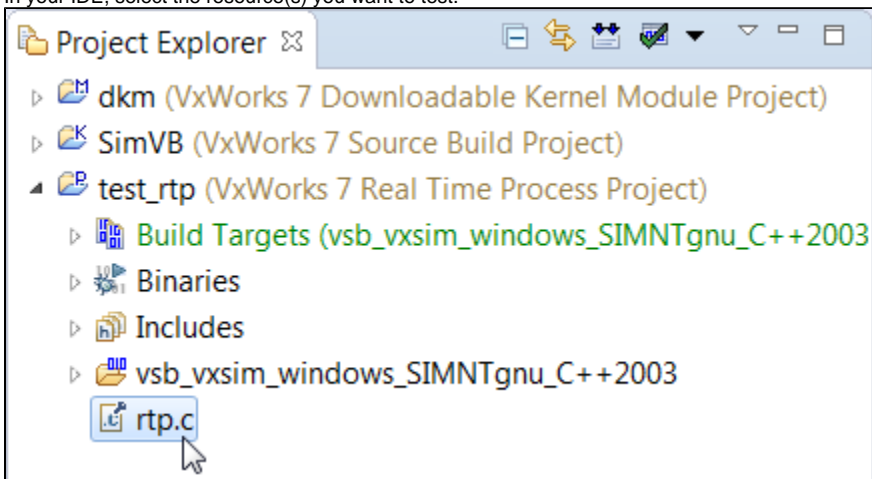
- The **Use Options from Wind River Workbench project** option is selected from the **Option source** drop-down menu.
- The **Build target** option is properly set.
- The **Synchronize with project settings** option is enabled.



i The compiler family and executables are automatically set during during the first analysis run.

Performing Static Analysis

1. In your IDE, select the resource(s) you want to test.



2. Run a static analysis test configuration. See [Running a Test Configuration](#) for information how to launch a test configuration.
3. Review the results when the analysis is completed. See [Reviewing Results](#) and [Reviewing Static Code Analysis Results](#) for details.

For more information about C/C++ tests static analysis capabilities see [Static Code Analysis](#) and [Flow Analysis](#).