

Use xTIMEcomposer to run a program


IN THIS DOCUMENT

- Create a Run Configuration
 - Re-run a program
-

xTIMEcomposer uses **Run Configurations** to determine the settings used to run a program. Run Configurations are specific to the project and target platform.

1 Create a Run Configuration

To create a Run Configuration, follow these steps:

1. Select a project in the **Project Explorer**.
2. Choose **Run ► Run Configurations**.
3. In the left panel, double-click **XCore Application**.
xTIMEcomposer creates a new configuration and displays the default settings in the right panel, as shown in Figure 1.
4. In **Name**, enter a name for the configuration.
5. xTIMEcomposer tries to identify the target project and executable for you. To select one yourself, click **Browse** to the right of the **Project** text box and select your project in the **Project Selection** dialog box. Then click **Search Project** and select the executable file in the **Program Selection** dialog box.
 You must have previously compiled your program without any errors for the executable to be available for selection.
6. If you have a development board connected to your system, check the **hardware** option and select your debug adapter from the **Target** list. Alternatively, check the **simulator** option to run your program on the XMOS simulator.
7. Click **Run**.

xTIMEcomposer loads your executable, displaying any output generated by your program in the **Console**.

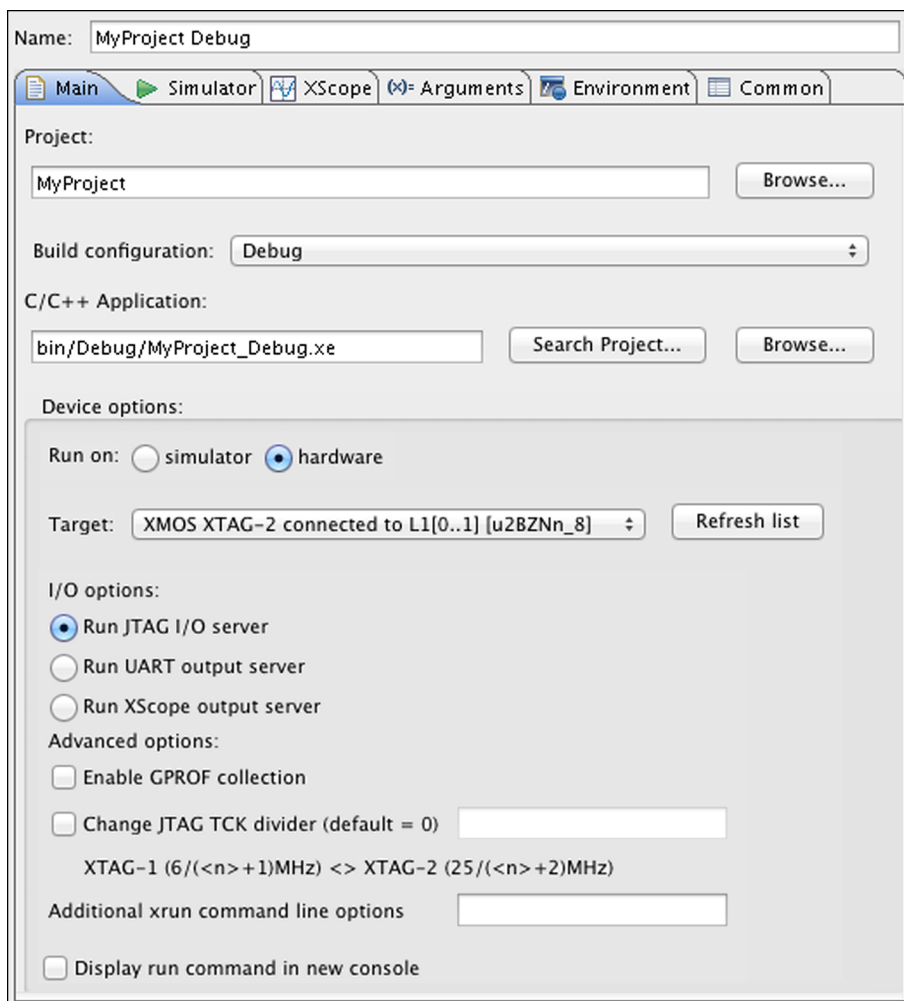


Figure 1:
Run Configuration window

2 Re-run a program



xTIMEcomposer remembers the configuration last used to run your program. To run it again using the same configuration, just click the **Run** button. To use a different configuration, click the arrow to the right of the **Run** button and select a configuration from the drop-down list.



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