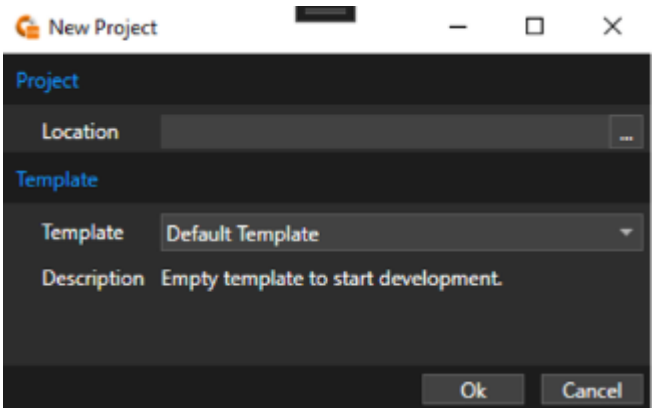
New Project

A new project can be created from the Welcome Screen or via the menu bar (File > New Project) or via the shortcut “Ctrl + N”. This will open additional windows to help setting up the new project.

Template-Selection

In the Template-Selection screen the user needs to first select the location where the new project shall be stored and select which template shall be used as a starting point for the project.

A template usually contains premade application code, build scripts, tooling related files and predefined project settings.



Setup

On the next screen the user can configure the most important project settings.

General

Property Name	Description
Name	Name of the project.
Description	Description of the project.

Tools

Property Name	Description
Generic	Enables generic support. This will provide a plain C/C++ interface.
MATLAB	Enables support for MATLAB. This will provide additional options/setting related to MathWorks MATLAB support

CGI Studio

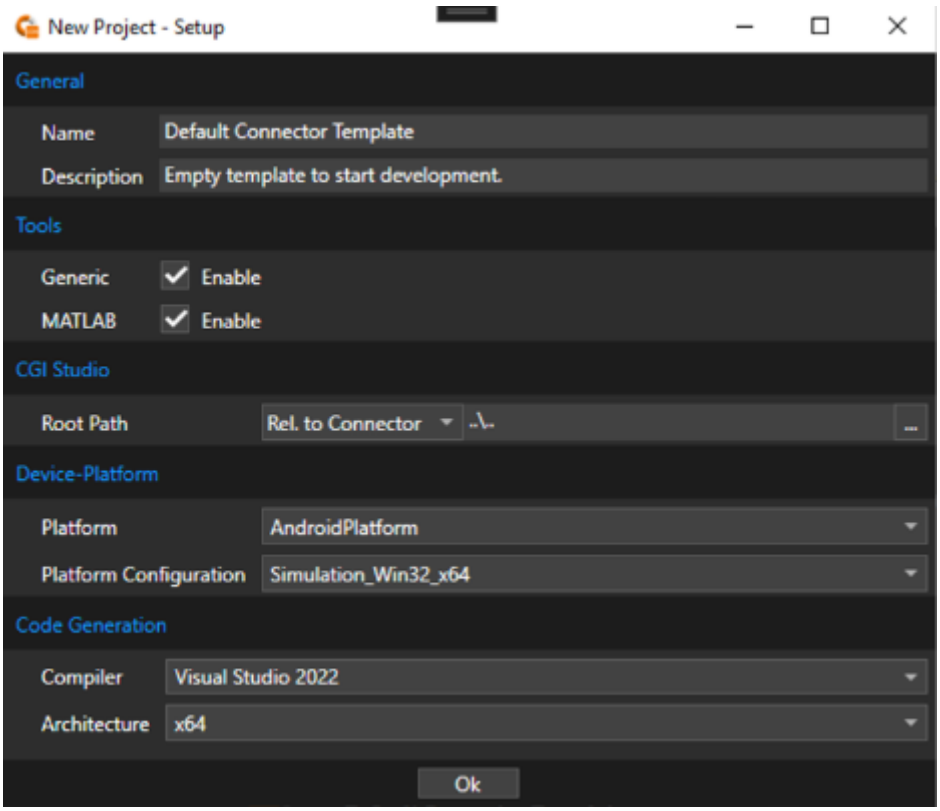
Property Name	Description
Root Path	Path to CGI Studio package. The path can be either absolute or relative to CGI Connector/Project paths.

Device-Platform

Property Name	Description
Platform	Name of the CGI Studio Platform (as found in CMake)
Platform Configuration	Name of the CGI Studio Platform configuration (as found in CMake)

Code Generation

Property Name	Description
Compiler	Compiler used to build code.
Architecture	Architecture used to build the code.



> These, and more, settings can later be changed. For more information, please refer to the "Project Settings" chapter.

Custom Templates

It is possible to add custom templates to the CGI Connector. This can be useful to apply customizations from a project to other projects.
To create a template, pack all needed content into a ZIP file. Make sure that it contains the CGI Connector-Project file (.cop) in the root. Then add an entry to the “Templates.xml” in “cgi_studio_connector/bin” where the name, description and file location needs to be specified. Note that the file location is relative to the CGI Connector binaries.

Revision #3
Created 2025-04-14 03:20:14 UTC by Kanai Tomoaki
Updated 2025-04-17 03:38:08 UTC by Kanai Tomoaki