Tools

There are multiple tools include in the CGI Connector which also can be used directly without interfacing with the main Connector UI. These tools will be explained here.

- Interface-Code Generator
- Model-Code Generator
- Build Command Line Interface

Interface-Code Generator

This tool is located at “cgi_studio_connector/bin/InterfaceCodeGenerator.exe” and is the main tool to generate the interface code. It has the following arguments:

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Full Name	Short name	Optional	Description
-definitionFile	-d	No	File containing interface definition
-outputPath	-o	Yes	Path for generated output files
-dataModelClass	-dmc	Yes	Fully qualified name of Data-Model
-dataModelInclude	-dmi	Yes	Include path for Data-Model
-namespace	-n	Yes	Namespace of generated code
-xcdlNamespace	-xn	Yes	Namespace of code generated by XCDL files
-complexTypes	-ct	Yes	Path of Complex-Type definition file

Model-Code Generator

This tool is located at “cgi_studio_connector/bin/ModelCodeGenerator.exe” and generates a basic Data-Model based on the Courier-XCDL definition. This model is generated in such a way that the Interface-Buffer can easily interact with it.

It has the following arguments:

Full Name	Short name	Optional	Description
-xcdlDefinitionFile	-xd	No	File containing XCDL definition
-xcdlIncludePaths	-xi	No	XCDL include paths separated by ';'
-className	-c	No	Output class and filename of generated files
-namespace	-n	Yes	Namespace of generated code
-outputPath	-o	Yes	Path for generated output files
-includeFiles	-i	No	Include files separated by ';'. Must at least include root XCDL file.

Build Command Line Interface

This tool is located at “cgi_studio_connector/bin/BuildCLI.exe” and allows the user to execute a build via the command line. The main purpose of this is to automate builds.

It has the following arguments:

Full Name	Short name	Optional	Description
-connectorProject	-cp	No	Connector Project file
-buildProject	-bp	No	Build Project file
-buildName	-bn	No	Name of the Build to run
-buildOptions	-bo	Yes	Options for this build provided as 'NAME=VALUE' pairs separated by a semicolon