

Using the PL/I Wrapper in Command-line Mode

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Command-line Options

See *Using the EntireX Workbench in Command-line Mode* for the general command-line syntax. The table below shows the command-line options for the PL/I Wrapper.

Task	Command	Option	Description
Generate a PL/I client from the specified IDL file.	-pli:client	-folder	Folder where the PL/I files will be stored.
		-help	Display this usage message.
		-target	Target platform, one of BATCH_ZOS, CICS_ZOS, IMS_ZOS. See <i>Target Platform</i> for more information.
Generate a PL/I server from the specified IDL file.	-pli:server	-folder	Folder where the PL/I files will be stored.
		-help	Display this usage message.
		-target	Target platform; for more information, see above.

Example Generating an RPC Client

```
<workbench> -pli:client /Demo/example.idl -target CICS_ZOS
```

where *<workbench>* is a placeholder for the actual Workbench starter as described under *Using the EntireX Workbench in Command-line Mode*.

The name of the Software AG IDL file includes the project name. In the example, the project *Demo* is used. If the IDL file name describes a file inside the Eclipse workspace, the name is case-sensitive.

If the first part of the IDL file name is not a project name in the current workspace, the IDL file name is used as a relative (based on the IDL file) or absolute file name in the file system. Thus, the IDL files do not need to be part of an Eclipse project.

If you do not specify a folder (option `-folder`), the generated PL/I source files (client interface objects and the RPC client declarations) will be stored in parallel to the IDL file, in the generated subfolders *client* and *include*, e.g. *Demo/client* and *Demo/include*.

Example Generating an RPC Server

```
<workbench> -pli:server /Demo/example.idl -target IMS_ZOS
```

where *<workbench>* is a placeholder for the actual Workbench starter as described under *Using the EntireX Workbench in Command-line Mode*.

The generated PL/I source files (server interface objects and the server (skeletons))

- will be stored in parallel to the Software AG IDL file, in the generated subfolders *server* and *server_stubs*, e.g. *Demo/server* and *Demo/server_stubs*.
- will overwrite existing files from a previous command-line mode generation.



Warning:

Take care not to overwrite an existing server implementation with a server skeleton. We recommend you move your server implementation to a different folder.

Further Examples

Windows

Example 1

```
<workbench> -pli:client C:\Temp\example.idl -folder src -target CICS_ZOS
```

Uses the IDL file *C:\Temp\example.idl* and generates the PL/I source files to the subfolder *src* of the IDL file. Slashes and backslashes are permitted in the file name. Output to standard output:

```
Using workspace file:/C:/myWorkspace/.
Run PL/I client wrapper with C:/Temp/example.idl and target CICS_ZOS.
Processing IDL file C:/Temp/example.idl
Store PL/I Source (1/2): C:\Temp\src/include/CALC
Store PL/I Source (2/2): C:\Temp\src/client/CALC
Exit value: 0
```

Example 2

```
<workbench> -pli:client C:\Temp\*idl -folder C:\Temp\src -target CICS_ZOS
```

Generates PL/I source files for all IDL files in *C:\Temp*.

Example 3

```
<workbench> -pli:client /Demo/example.idl -target CICS_ZOS
```

Uses the IDL file */Demo/example.idl* and generates the PL/I source files in parallel to the IDL file, here to the project */Demo*.

Example 4

```
<workbench> -pli:client -help
```

or

```
<workbench> -help -pli:client
```

Both show a short help for the PL/I client wrapper.

Linux

Example 1

```
<workbench> -pli:client /Demo/example.idl -folder src -target CICS_ZOS
```

If the project *Demo* exists in the workspace and *example.idl* exists in this project, this file is used. Otherwise, */Demo/example.idl* is used from file system. The generated output will be stored in */Demo/src*, the subfolder of */Demo*.

Example 2

```
<workbench> -pli:client /Demo/*.idl -folder src -target CICS_ZOS
```

Generates PL/I client files for all IDL files in project *Demo* (or in folder */Demo* if the project does not exist). The generated files are in */Demo/src*.

Example 3

```
<workbench> -pli:client -help
```

or

```
<workbench> -help -pli:client
```

Both show a short help for the PL/I client wrapper.