Using the XML/SOAP 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 XML/SOAP Wrapper.

Task	Command	Option	Description
Create SOAP-conformant XML mapping for all programs.	`-map:soap`		
	`-map:soap1.1`		Supported for compatibility with older versions.
Create attribute-preferred XML mapping for all programs.	`-map:xmlattributes`		
Create element-preferred XML mapping for all programs.	`-map:xmlelements`		
Create element-preferred XML mapping with XML Schema for all programs	`-map:xmlwithxsd`	`-namespace`	If *namespace* is specified, the namespace URI for the program node. XML Schema uses this namespace URI as the target namespace.
Create sample XML documents for all programs.	`-xml:sample`		

Example

```
<workbench> -map:soap /Demo/example.idl
```

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 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.

Status and processing messages are written to standard output (stdout), which is normally set to the executing shell window.

Further Examples

Windows Example 1

```
<workbench> -map:soap C:\Temp\example.idl
```

Uses the IDL file *C:\Temp\example.idl* and generates the XML mapping file *example.xmm* in parallel to the IDL. Slashes and backslashes are permitted in the file name. Output to standard output:

```
Using workspace file: C:\myWorkspace\.
Processing IDL file: C:\Temp\example.idl
Store XML mapping file: C:\Temp\example.xmm
Exit value: 0
```

Windows Example 2

```
<workbench> -map:soap /Demo/example.idl
```

Generates XML mapping files for all IDL files in project */Demo*.

Linux Example 1

```
<workbench> -map:soap /Demo/example.idl
```

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.

Linux Example 2

```
<workbench> -map:soap /Demo/example.idl
```

Generates XML mapping files for all IDL files in project *Demo* (or in folder */Demo* if the project does not exist).