

Scenarios

COBOL Scenarios

Scenario I: Calling an Existing COBOL Server

> To call an existing COBOL server

1. Use the *IDL Extractor for COBOL* to extract the Software AG IDL and, depending on the complexity, also a server mapping file. See *When is a Server Mapping File Required?* in the EntireX Workbench documentation.
2. Build an EntireX RPC client using any EntireX wrapper. See *EntireX Wrappers*. For a quick test you can:
 - use the IDL Tester; see *EntireX IDL Tester* in the EntireX Workbench documentation
 - generate an XML mapping file (XMM) and use the XML Tester for verification; see *EntireX XML Tester* in the XML/SOAP Wrapper documentation

See *Basic RPC Server Examples - CALC, SQUARE and Reliable RPC Server Example - SENDMAIL* in the COBOL Wrapper documentation for COBOL RPC Server examples.

Scenario II: Writing a New COBOL Server

> To write a new COBOL server

1. Use the *COBOL Wrapper* to generate a COBOL server skeleton and, depending on the complexity, also a server mapping file. See *When is a Server Mapping File Required?* in the EntireX Workbench documentation. Write your COBOL server and proceed as described under *Using the COBOL Wrapper for the Server Side*.
2. Build an EntireX RPC client using any EntireX wrapper. See *EntireX Wrappers*. For a quick test you can:
 - use the IDL Tester; see *EntireX IDL Tester* in the EntireX Workbench documentation
 - generate an XML mapping file (XMM) and use the XML Tester for verification; see *EntireX XML Tester* in the XML/SOAP Wrapper documentation

See *Basic RPC Server Examples - CALC, SQUARE and Reliable RPC Server Example - SENDMAIL* in the COBOL Wrapper documentation for COBOL RPC Server examples.