

# Scenarios

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## 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 *Client and Server Examples for BS2000/OSD* 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 *Client and Server Examples for BS2000/OSD* in the COBOL Wrapper documentation for COBOL RPC Server examples.

## C Scenarios

### Scenario III: Writing a New C Server

➤ **To write a new C server**

1. Use the *C Wrapper* to generate a C server skeleton and a C server interface object. Write your C server and proceed as described under *Using the C Wrapper for the Server Side (z/OS, UNIX, Windows, BS2000/OSD, IBM i)*.
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