

EntireX z/OS IMS RPC Server

The EntireX z/OS IMS RPC Server allows standard RPC clients to communicate with RPC servers on the operating system z/OS running with IMS in BMP mode. It supports the programming languages COBOL, PL/I and C and can provide IMS-specific PCB pointers for access to IMS databases if needed.

- For COBOL, it works together with the *COBOL Wrapper* and *IDL Extractor for COBOL*.
- For PL/I, it works together with the *PL/I Wrapper* and *IDL Extractor for PL/I*.
- For C, use the *C Wrapper*.

Supported compilers are listed under *z/OS Prerequisites* in the *Release Notes*.

Introduction	Introduction to the IMS RPC Server.
Administration	Administering the IMS RPC Server. How to use SSL, start, trace and stop the IMS RPC Server.
Extractor Service	Customizing the Extractor Service for the IMS RPC Server. The Extractor Service is a prerequisite for remote extractions.
Deployment Service	Customizing the deployment service for the IMS RPC Server. The deployment service is a prerequisite for deploying server-side mapping files.
Server-side Mapping Files	Server-side mapping is used at runtime to marshal and unmarshal the RPC data stream. This document provides information on deploying, undeploying, change management etc. of server-side mapping files.
Scenarios and Programmer Information	Steps to call your first RPC server customer code; programmer's information on exception handling - abort execution and return error to RPC client; automatic syncpoint handling.

Related Literature

- *COBOL Wrapper*
- *IDL Extractor for COBOL*
- *Client and Server Examples for z/OS IMS BMP (COBOL)*
- *PL/I Wrapper*
- *IDL Extractor for PL/I*
- *Client and Server Examples for z/OS IMS BMP (PL/I)*
- *C Wrapper*

- *Error Messages and Codes*