Client and Server Examples for z/OS Batch

This chapter describes the examples provided for the PL/I Wrapper. It covers the following topics:

- Basic RPC Client Example - CALC

- Basic RPC Server Example - CALC

All examples here can be found in the EntireX *examples/RPC* directory under UNIX and Windows.

Basic RPC Client Example - CALC

For batch on operating system z/OS the CALC client is built with PL/I Wrapper target platform setting "Batch for z/OS". See *Target Platform* under *Generating PL/I Source Files from Software AG IDL Files*.

Name	Type	Data Set	Description	Notes
`CALC`	PL/I source code	EXP970.PCPL	Client interface object for IDL program `CALC`	1
`CALCCLT`	PL/I source code	EXP970.PCPL	A client application calling the remote procedure (RPC service) CALC, with associated example.idl.	2
`CALCIBM`	JCL	EXP970.PCPL	Job (JCL) to build the RPC client `CALCCLT`.	3
`CALCRUN`	JCL	EXP970.PCPL	Job (JCL) to execute the RPC client `CALCCLT`.	3
`CALC`	PL/I copybook	EXP970.PIPL	Client interface object copybook for IDL program `CALC`.	1
`EXAMPLE`	PL/I copybook	EXP970.PIPL	client interface object entry points	1
`RPCPPS`	PL/I copybook	EXP970.PIPL	PL/I Wrapper Preprocessor Switches and Settings.	

Notes:

1. Client interface objects are delivered with the z/OS installation, but not delivered on UNIX or Windows. Use the EntireX Workbench to generate the client interface objects on UNIX or Windows
2. Application built according to the client-side build instructions under *Using the PL/I Wrapper for Batch Mode*.
3. The JCL must be adapted according to your needs.

For more information see the readme file in EntireX directory *examples/RPC/basic/example/PLIClient/zosBatch* under UNIX or Windows.

Basic RPC Server Example - CALC

For batch on operating system z/OS, the CALC server is built with PL/I Wrapper target platform setting "Batch for z/OS". For more information on target platforms, see *Target Platform* under *Generating PL/I Source Files from Software AG IDL Files*.

Name	Type	Data Set	Description	Notes
CALC	PL/I source code	EXP970.PVPL	A server application providing the remote procedure CALC (RPC service), with associated example.idl.	1
CALCIBM	JCL	EXP970.PVPL	Job (JCL) to build the remote procedure CALC (RPC service).	2

Notes:

1. Application built according to the server-side build instructions under *Using the PL/I Wrapper for Batch Mode*.
2. The JCL must be adapted according to your needs.

For more information see the readme file in EntireX directory *examples/RPC/basic/example/PLIServer/zosBatch* under UNIX or Windows.