

Verifying the z/OS Installation

Once you have installed the EntireX Broker and EntireX Developer's Kit, you can verify that the installation was successful.

This chapter covers the following topics:

- Testing the EntireX Broker Interface Installation
 - Verify the Installation of the EntireX RPC Server
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Testing the EntireX Broker Interface Installation

➤ To test the EntireX Broker Interface installation

1. Start EntireX Broker. See *Starting and Stopping the Broker*.
2. Run the example programs:
 - *BCOS* is the example server program
 - *BCOC* is the example client program

The execution JCL for the example programs is located in the EXX970.JOBS library in members BCOSJCL and BCOCJCL. Modify the JCL for your installation, and submit job BCOSJCL first, followed by job BCOCJCL.

A single message will be sent by program BCOC and then received by program BCOS. Both jobs should return a zero condition code. The output from each job will be written to SYSPRINT.

Verify the Installation of the EntireX RPC Server

The installation can be verified by running the EXAMPLE program provided with EntireX Developer's Kit on the PC, located in the EntireX directory under Examples/Broker RPC/Client/.

This verification requires that the Broker is up and running and the RPC server has been started. See *Starting and Stopping the Broker* and, depending on the RPC server,

- *Starting the RPC Server*
- *Starting the RPC Server*
- *Starting the EntireX RPC Server (IMS) under Administering the EntireX RPC Server under z/OS IMS*

For example, if you are using the CClient, enter the command

```
Client ETB001 RPC SRV1 CALLNAT
```

where ETB001 is the Broker ID of the server

RPC, SRV1, and CALLNAT are the Broker CLASS, SERVER NAME, and SERVICE being offered

the selection panel is displayed:

```
CMD          Function
-----
C           RPC CALC function
S           RPC SQUARE function
I           Ping the running RPC server
T           Terminate the running RPC server
.           Exit
-----
```

Please select:

Choose option C (RPC CALC function), where you should receive the response:

Calling CALC: 12345 + 67890 = 80235.