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Sample SOAP WebSphere MQ Communications Binding for TPF

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1.0 ABOUT THIS README

This readme file will guide you through the process of downloading, installing, and using a sample SOAP WebSphere MQ communications binding on your TPF 4.1 system to transport SOAP messages.

Go to the [IBM TPF Product Information Center](#) for more details about SOAP support and WebSphere MQ support.

Note: The TPF development lab does not maintain this application and will not accept APARs on this code.

2.0 SYSTEM REQUIREMENTS

To install and use this sample SOAP WebSphere MQ communications binding code on your TPF 4.1 system, you must have the following:

- TPF SOAP support (APAR PJ29396)
- WebSphere MQ support (minimum APAR level PJ28136)

Go to the [IBM TPF Product Information Center](#) for more information about these APARs, including specific migration information.

3.0 DOWNLOADING

To download this module, do the following:

1. Click the Download Now button to download the compressed sample SOAP WebSphere MQ communications binding package (the "tarball") to your workstation. The name of this package is **MQSOAPbindingSample.tar.Z**.
2. FTP the tarball to your OS/390 UNIX System Services (OS/390 UNIX) machine using binary mode:
 1. Open an MS-DOS window and activate FTP by entering the following command:
ftp *your.os390.unix.machine.com*
 2. Sign in entering your user name and password.
 3. Set the mode to binary by entering the following command:
binary
 4. Send the file to OS/390 UNIX by entering the following command:
send c:\your_path\MQSOAPbindingSample.tar.Z
MQSOAPbindingSample.tar.Z
 5. Exit FTP by entering the following command: **bye**
3. On OS/390 UNIX, extract the program files from the sample SOAP WebSphere MQ communications binding package by entering the following command:
pax -rqvzkf MQSOAPbindingSample.tar.Z -o from=ISO8859-1,to=IBM-1047 "*/*.c"

You should then have the following file:

- o Sample SOAP WebSphere MQ communications binding code (cso8.c).

4.0 COMPILING, LINKING, AND LOADING

Before you can run the sample SOAP WebSphere MQ communications binding code, do the following:

1. Compile cso8.c
2. Create a DLM for cso8.c that includes a stub for SOAP support (csoa) and a definition side-deck (DSD) for WebSphere MQ support (cmqs).
3. Link the binding code (cso8.c) and its associated .o file with CSTRTD(40).
4. Create a loadset and load the program to your TPF system.

5.0 RUNNING

To run the sample SOAP WebSphere MQ communications binding code, you must complete the appropriate MQ communications setup. Refer to the instructions located in the prolog at the top of the source file cso8.c and the [IBM TPF Product Information Center](#).

The prolog also contains information about how you might need to update either or both of the sample SOAP communications binding and your

tpf_soap_appl_handler user exit (cso4) to route requests to the appropriate application.

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