

OSA-Express Setup Driver README

This README file contains information about installing the OSA-Express Setup Driver.

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1.0 PREREQUISITES

A TPF 4.1 system at PUT level 13 or later with OSA-Express support defined and enabled.

2.0 INSTALLING OSA-EXPRESS SETUP DRIVER

The OSA-Express setup driver consists of three segments: QTCP, QTCL, and QTCPBS.

To install the OSA-Express setup driver on your TPF system:

1. Compile qtcp.cpp
2. Assemble qtcl.asm
3. Link the two objects created from Steps 1 and 2 to the QTCP DLM by using qtcpbs.bsc
4. Load the QTCP DLM segment to your TPF system.

3.0 CUSTOMIZING OSA-EXPRESS SETUP DRIVER

The OSA-Express setup driver contains a table of OSA-Express communication information. This table must be created and predefined by a network administrator. If this table is not set up correctly and information is duplicated, the network can fail. See the OSA-Express Setup Driver Users Guide for information about setting up the table of user names.

4.0 RUNNING OSA-EXPRESS SETUP DRIVER

Run the OSA-Express setup driver by calling the `setup_tcpip()` function and passing a NULL-terminated user name, which will be the user name information to set up. This means that you must create a program by which you parse out the information from the user and pass this information to the QTCP (`setup_tcpip()` function).

To have your parsing program recognize the `setup_tcpip` function, include QTCP as a stub and include the following lines in your program:

```
#pragma map (setup_tcpip, "QTCP")
extern "C" int  setup_tcpip(char* user_name);
```

5.0 TRADEMARKS

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