

## TPF MQSeries Test Driver (MQS1)

This README contains the latest information about installing and using the TPF MQSeries Test Driver. This version of the driver is suitable for TPF systems prior to TPF PUT 16. If your system is at PUT 16 or above, you should consider using the later version of this driver.

For detailed information about individual commands, see the user documentation provided.

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### 1.0 PREREQUISITES

To use the TPF MQSeries Test Driver, you need to have, at a minimum, the following software configuration on OS/390 UNIX System Services (OS/390 UNIX):

- o OS/390 UNIX Version 2.6 or later
- o OS/390 C/C++ Compiler Version 2.4 or later
- o TPFLDR40 (TPF Offline Loader), any version

### 2.0 INSTALLATION

Two packages are provided :

- o MQS1.source.ascii.tar.Z contains the source code files and the build script for this test driver.
- o MQS1.binary.tar.Z contains compiled objects and the linked module for this driver.

User documentation on how to build and use the driver is also available in Portable Document Format (PDF) for download.

### 2.1 EXTRACTING

UnPAXing FULL SOURCE on OS/390 UNIX

1. Create the hierarchical file system (HFS) directory (for example, /u/"your userid"/MQS1) that will contain the source files.
2. Use FTP put, in Binary mode, to send the file from the workstation to HFS:  
put MQS1.source.ascii.tar.Z /u/"your userid"/MQS1/MQS1.source.ascii.tar.Z
3. On HFS, unPAX this file using the following command:  
pax -rf MQS1.source.ascii.tar.Z -ofrom=ISO8859-1,to=IBM-1047  
where the ofrom and to parameters convert from ASCII to EBCDIC.
4. The result is the following directory structure:
  - source/qmqz.h (source)
  - source/qmqz.cpp (source)
  - source/qmqz01.cpp (source)
  - source/qmqz02.cpp (source)
  - source/qmqz03.cpp (source)
  - source/qmqz04.cpp (source)
  - source/qmqz05.cpp (source)
  - source/qmqz06.cpp (source)
  - source/qmqzbs.bsc (build script)

## UnPAXing BINARY Files on OS/390 UNIX

1. Create the HFS directory (i.e., /u/"your userid"/MQS1) that is to contain the binaries.
2. Use FTP put, in Binary mode, to send the file from the workstation to HFS:  
put MQS1.binary.tar.Z /u/"your userid"/MQS1/MQS1.binary.tar.Z
3. On HFS, unPAX this file using the following command:  
pax -rf MQS1.binary.tar.Z

The result is the following directory structure:

```
mqs1/README
mqs1/load/qmqz41.exe
mqs1/obj/qmqz.o
mqs1/obj/qmqz01.o
mqs1/obj/qmqz02.o
mqs1/obj/qmqz03.o
mqs1/obj/qmqz04.o
mqs1/obj/qmqz05.o
mqs1/obj/qmqz06.o
```

To load the provided executable linked module, refer to the README file that is provided. The README file will contain instructions on how to process the QMQZ40.exe file and get the executable load module.

### 2.2 BUILDING

1. Compile the provided C++ source programs against TPF headers and libraries, using the OS/390 C/C++ compiler.
2. Link edit with the build script provided, using the OS/390 C/C++ Linkage Editor.

### 2.3 LOADING

To install the MQSeries test driver on your TPF system, do the following:

1. Create a loadset.
2. Enter the ZOLDR LOAD and ZOLDR ACT commands to load and activate the loadset on your test system. (See TPF Operations for more information about the ZOLDR LOAD and ZOLDR ACT commands.)

### 3.0 TRADEMARKS

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