SOLD sample driver README

CONTENTS
_____

This file includes the following information:

1.0 PREREQUISITES
2.0 INSTALLATION
3.0 CUSTOMIZATION
4.0 RUNNING THE DRIVER
5.0 NOTICES
5.1 Trademarks

1.0 PREREQUISITES
_____

1) The release levels are the following:
     maketpf/bldtpf tool for z/TPF 1.1

2) This driver requires the following constant definitions in errnu.h:

```
#define CUSTOMER_UNDER_VALID_ERRNO      8999
#define CUSTOMER_FIRST_VALID_ERRNO      9000
#define CUSTOMER_MIDDLE_VALID_ERRNO    10000
#define CUSTOMER_LAST_VALID_ERRNO      11000
#define CUSTOMER_OVER_VALID_ERRNO      11001
```

2.0 INSTALLATION
_____

1) FTP the tar file (sold.tar.gz) to your linux system. This can be
   placed in any directory as a holding location, for example:
/tmp/ztpftar

2) Create a root directory that will hold the unpacked files, for

```
        example: /ztpfdrvs

   3) Extract the source code from the tar file by entering the
      following commands:
      cd /ztpfdrvs
      tar -xvzf /tmp/ztpftar/sold.tar.gz

      The driver source files will be extracted in the following directory
      structure:
          sold/SOLDReadme.txt
          sold/cpp_sold.hpp
          sold/c_sold.h
          sold/qce1.c
          sold/qce1.mak
          sold/qce210.asm
          sold/qce2.c
          sold/qce2.mak
          sold/qce3.c
          sold/qce3.mak
          sold/qme1.c
          sold/qme1.mak
          sold/qme2.c
          sold/qme2.mak
          sold/qme3.c
          sold/qme3.mak
          sold/qme4.cpp
          sold/qme4.mak
          sold/qsb1.asm
          sold/qsb1.mak
          sold/qsb2.asm
          sold/qsb4.asm
          sold/qsb5.asm
          sold/qsb5.mak
          sold/qsb7.asm
          sold/qsb8.asm
          sold/qsb8.mak
          sold/qsb9.asm
          sold/qsba.asm
          sold/qsba.mak
          sold/qsbb.asm
          sold/qsbc.asm
          sold/qsbc.mak
          sold/qsbe.asm
          sold/qsbe.mak
          sold/qsbf.asm
          sold/qsc1a.c
          sold/qsc1b.c
          sold/qsc1.mak
          sold/qsc1trace.c
          sold/qsc2a.c
          sold/qsc2b.c
          sold/qsc2.mak
          sold/qsc3a.c
          sold/qsc3b.c
          sold/qsc3.mak
          sold/qsca.c
          sold/qsca.mak
          sold/qscb.c
          sold/qscb.mak
          sold/qscc.c
          sold/qscc.mak
```

```
        sold/qscd98.c
        sold/qscd99.c
        sold/qscd.c
        sold/qscd.mak
        sold/qswp.asm
        sold/qswp.mak
        sold/sold.cntl
        sold/exp/QCE1.exp
        sold/exp/QSC1.exp
        sold/exp/QSCC.exp
```

4) Create a maketpf.cfg file with the following contents:

```
    APPL_ROOT := /ztpfdrvs
    TPF_ROOT := /ztpf
    TPF_BSS_NAME := BSS
    #TPF_SS_NAME := WP
    #USER_VERSION_CODE :=
```

    a) Set APPL_ROOT to the directory containing the driver source code
extracted.
    b) Set TPF_ROOT to the directory containing the z/TPF source code.
    c) Set TPF_BSS_NAME to the basic subsystem name of your TPF system.
By default,
        this is set to BSS.
    d) Optionally, set the TPF_SS_NAME to the subsystem name.
    e) Optionally, set USER_VERSION_CODE to any desired two-character
string for
        user version code for the shared objects built. By default, this
is set to
        null.

    Refer to the maketpf tool documentation for details on these
variables.

5) Run the maketpf tool with the accompanied control file (sold.cntl) to
assemble,
    compile, and link the driver programs:

    bldtpf /ztpfdrvs/sold/sold.cntl

6) Use the standard load procedure to transfer and load the following
driver
    programs to the TPF system:

    QCE1.so, QCE2.so, QCE3.so, QME1.so, QME2.so, QME3.so, QME4.so,
QSB1.so,
    QSB5.so, QSB8.so, QSBA.so, QSBC.so, QSBE.so, QSC1.so, QSC2.so,
QSC3.so,
    QSCA.so, QSCB.so, QSCC.so, QSCD.so, QSWP.so

See Program Management for more information about building and loading
programs
to the TPF system.

3.0 CUSTOMIZATION
_____

Update base/rt/cvzz.asm (or the tool that executes driver programs) to
make an

entry for this driver. The shared object QSCA is the main entry point for this
driver.

Build and load the updated CVZZ program to the TPF system.

4.0 RUNNING THE DRIVER
_____

Please read the user's guide, available in Portable Document Format (PDF),
provided along with this driver for more information about running the
driver.

You can also issue ZTEST SOLD HELP for the online help display.

5.0 NOTICES
_____

IBM may not offer the products, services, or features discussed in this
information in other countries. Consult your local IBM representative for
information on the products and services currently available in your area.
Any reference to an IBM product, program, or service is not intended to state
or imply that only that IBM product, program, or service may be used. Any
functionally equivalent product, program, or service that does not infringe
any IBM intellectual property right may be used instead. However, it is the
user's responsibility to evaluate and verify the operation of any non-IBM
product, program, or service. IBM may have patents or pending patent
applications covering subject matter described in this information. The
furnishing of this information does not give you any license to these
patents.
You can send license inquiries, in writing, to:

IBM Director of Licensing
IBM Corporation
North Castle Drive
Armonk, NY 10504-1785
U.S.A

Licensees of this program who wish to have information about it for the purpose
of enabling: (i) the exchange of information between independently created
programs and other programs (including this one) and (ii) the mutual use of the
information which has been exchanged, should contact:

IBM Corporation
Department 830A
Mail Drop P131
2455 South Road

Poughkeepsie, NY 12601-5400
U.S.A.

Such information may be available, subject to appropriate terms and
conditions,
including in some cases, payment of a fee. Any references in this
information
to non-IBM Web sites are provided for convenience only and do not in any
manner
serve as an endorsement of those Web sites. The materials at those Web
sites
are not part of the materials for this IBM product and use of those Web
sites
is at your own risk.

5.1 Trademarks
_____

The following terms are trademarks of the International Business
Machines Corporation in the United States, or other countries,
or both:

IBM

Other company, product, and service names may be trademarks
or service marks of others.