TRAG sample driver README

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1.0 PREREQUISITES
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The release levels are the following:
      maketpf/bldtpf tool for z/TPF 1.1

2.0 INSTALLATION
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1) FTP the tar file (trag.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/trag.tar.gz

The driver source files will be extracted in the following directory
structure:
    trag/qgka.asm
    trag/qgka.mak
    trag/qgkc.c
    trag/qgkc.mak
    trag/qtrg.c
    trag/qtrg.mak
    trag/trag.cntl
    trag/trag.h
    trag/TRAGReadme.txt

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 (trag.cntl) to
assemble,
    compile, and link the driver programs:

    bldtpf /ztpfdrvs/trag/trag.cntl

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

    QGKA.so, QGKC.so, QTRG.so

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

3.0 CUSTOMIZATION
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Update base/rt/cvzz.asm (or the tool that executes driver programs) to
make an
entry for this driver. The shared object QTRG is the main entry point
for this
driver.

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

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

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