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```

TRAG sample driver README

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#### CONTENTS

This file includes the following information:

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

## 1.0 PREREQUISITES

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

# 2.0 INSTALLATION

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.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  $\mbox{APPL}_{\mbox{\scriptsize ROOT}}$  to the directory containing the driver source code extracted.
  - b) Set TPF\_ROOT to the directory containing the z/TPF source code.
- c) Set  $\ensuremath{\mathsf{TPF\_BSS\_NAME}}$  to the basic subsystem name of your  $\ensuremath{\mathsf{TPF}}$  system. By default,

this is set to BSS.

- d) Optionally, set the TPF\_SS\_NAME to the subsystem name.
- e) Optionally, set  ${\tt USER\_VERSION\_CODE}$  to any desired two-character string for

user version code for the shared objects built. By default, this is set to  $\qquad \qquad \text{null.}$ 

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

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

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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