ECB Resource Monitor driver (ECBM) readme

NOTE: Before using this information and the product it supports, read the general information under "Notices" in this document.

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2017Sep29   Initial version

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APAR PJ42754 (Enhance ECB resource monitor to provide the ability to monitor groups of ECBs and to profile resource usage.) and co-requisite APAR PI44439 (Include z/TPFDF statistics in resource usage by owner name statistics) applied.

For more information about APAR PJ42754, see the APEDIT (http://www.ibm.com/support/docview.wss?uid=swg1PJ42754).

4.0   Installing ECBM
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1) Use FTP to transfer the tar file (ecbm.tar.gz) to your Linux on z system.
   This file can be placed in any directory as a holding location.
   For example: /tmp

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 /tmp
tar xzf ecbm.tar.gz -C /ztpfdrvs
```

   The sample application source files will be extracted in the following directory
   structure:

```
ecbm/ecbm.cntl
ecbm/qec1.c
ecbm/qec1.mak
ecbm/qec2.c
ecbm/qec2.mak
ecbm/qecb.c
ecbm/qecb.mak
```

4) Create a maketpf.cfg 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 that contains the sample application
      source code that was extracted.
   b) Set TPF_ROOT to the directory that contains 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) Optional: Set the TPF_SS_NAME to the subsystem name.
   e) Optional: Set USER_VERSION_CODE to any desired two-character string for
      user version code for the shared objects built. By default, this value is
      set to null.

   For more information about these variables, enter man maketpf on your Linux
   on z build system.

5) Run the maketpf tool with the accompanied control file (ecbm.cntl)
   to compile and package the sample programs:

```
bldtpf /ztpfdrvs/ecbm/ecbm.cntl
```

6) Use the standard E-type loader procedure to load the sample application files.

6.0 Running ECBM
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Refer to the ECBM 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 ECBM HELP for the online help display.

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