Z390/CICS Supplied Transactions

a) CEBR

Browse Temporary Storage Queues.

A new implementation of this transaction combines the old CEBR with CEMT I TSQ.

The Temporary Storage queues are continuously updated/deleted, and therefore show only the state at the moment of request.

A fixed state environment for testing CEBR may be obtained by running the test transaction BED9.

Input formats:

CEBR	Invokes the queue names display.
CEBR qname	qname is case sensitive. If found, goes to the data display.
CEBR X'..'	The hex characters are not case sensitive. A maximum of 16 hex characters are processed. If found, goes to the data display.

If the qname is not found, goes to the queue names display.

There are two displays:

a) The queue names display

All current queue names are displayed with the number of items in each queue at that moment.

There is only room for the 1st 60 queue names.

PF2 switches the queue name format cyclically, EBCDIC/ASCII/HEX

In hex mode, only the first eight bytes are shown.
The current mode is shown top right.

CLEAR will terminate CEBR

Select a queue name with the cursor and press ENTER to go to the data display.

Undisplayable characters are shown by a little square.

b) The data display

The 1st entry will show data items 1-16 or fewer starting

from the 1st byte.

Undisplayable characters are shown by a little square.

Paging functions are usually by the PF keys shown at the bottom of the screen. These keys are dynamic, only those shown are active.

PF keys:

PF1 -- Displays available commands, these are explained later. Any AID key returns to the data display.

PF2 -- PF2 switches the data format cyclically, EBCDIC/ASCII/HEX
The current mode is shown top right.
The queue name is also converted and in hex mode only the 1st eight bytes are shown.

PF3 -- Either terminates CEBR or returns to the queue names
display.

PF4 -- 1st data item after ** TOP **

PF5 -- Even if the ** BOTTOM ** line is on the screen, PF5 will always display that line and as much preceding data as is possible.

PF7/PF8 -- Scroll forward or back 8 items.

PF9/PF12 -- Scroll right or left 72 bytes if the mode is EBCDIC or ASCII.
In hex mode, scrolling is 36 bytes.

PF10/PF11 -- Scroll forward or back 16 items.

Top line:

REC n of n
Shows the current item and maximum items.

COL n of n
Shows the current data position and the maximum available
on the current display.

If the data is of variable length, the display may show (eg) col 37 of 13. This may look odd, but indicates that a preset position and scroll forward or backward has displayed data that is too short for the preset position.
Corrected by PF12 or a Column command.

Commands:
Typed after ENTER COMMAND ===>
The minimum characters typed are indicated by upper case.
In general, bad syntax causes the command to be ignored.
There must be a space between parameters.

```
Top          -- same as PF4
Bottom       -- same as PF5
Line n..n    -- Start from item number n..n
Column n..n  -- Show data from position n..n
Find         -- Not yet implemented.

Queue        -- Return to the queue names display
Queue qname  -- qname is case sensitive
                Display data from qname
Queue X'..'  -- The hex characters are not case sensitive.
             -- A maximum of 16 hex characters are processed.
```

Any syntax error here returns to the queue names display.

```
PURGE        -- Must be upper case, deletes the TS queue.
```

b) CEMT

The commands shown below are the minimum abbreviations, the full text may also be typed, eg. CEMT INQUIRE TERMINAL

```
CEMT I TER       Displays the state of all terminals.

CEMT I TRA       Displays the PCT.
                 Page forward/back not yet implemented.

CEMT I FIL       Displays the FCT.
                 Page forward/back not yet implemented.

CEMT I SYS       Displays the Z390CICS.INI file.
```

JAR_PATH and CICS_PATH are no longer INI parameters
so they are extracted from their environment variables

CEMT S TER OUT	Shuts down the terminal (Z390KCP).
CEMT P SHU	Shut down the server if no active tasks. When all active tasks are closed the server is shut down and Z390/CICS ends.
CEMT P SHU IMM	Shut down the server immediately.

Conversational Mode

If any syntax error occurs then CEMT is switched into conversational mode and all the above parameters can be cursor selected from the screen.

You cannot retype the command here, cursor selection or CLEAR are the only options.

The cursor may be placed anywhere on the selection line.

Change Summary

June 27, 2008

Added CEMT conversational mode.

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