

Appendix A - DAZZLER Test Stream

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CON *****
CON * THIS DAZZLER STREAM IS DESIGNED TO PROVIDE EXAMPLES *
CON * OF THE USE OF THE VARIOUS STATEMENTS (BOTH *
CON * OPTIONAL AND MANDATORY) THAT CAN BE USED. *
CON *****
CON * All these comment statements (indicated as so by the 'CON' in
CON * the first three positions) are ignored by the program,
CON * as are any blank statements like the ones following:

COMMENT statements do not have to have a blank/asterisk ( ' ' ') in
CON positions 4 and 5 and are not printed. In addition, as no
CON statement contains information after position 66, it is possible
CON to code printable comments in positions 67 - 88 inclusive.

CON * In these examples, comments PRECEDE the actual coding, and
CON * blank statements have been inserted for ease of reading.
CON *****

CON *****
CON *
CON * 1) The first decision to be made concerns the
CON * printer. Some consideration should be given
CON * to the volume and required content. Many options
CON * are available. The default values assumed if
CON * this statement is not present are that dates take the
CON * format dd/mm/yy and that all lines should be
CON * printed with an automatic page throw before each
CON * set of statements. The following example suppresses the
CON * automatic page throw, prints dates as mm/dd/yy
CON * and only prints the 19875th and 19876th calls in
CON * detail.
CON *
CON * The program always prints every statement read, with
CON * the exception of comment or blank statements, plus
CON * a last page showing the total number of calls made.
CON *****

PARMUS>PF1067501

CON *****
CON * As a reminder, all the preceding statements in this example
CON * are totally optional and, if the default settings for the
CON * PAR statement above were required, then nothing need
CON * have been encoded.
CON *****

CON *****
CON *
CON * 2) The following example shows the use of the
CON * iterative function on the header statement and the use
CON * of both types of overwrite statement.
CON * Reading from the left, the header statement specifies
CON * the following:
CON *
CON * Do an 'ISRT' call 9 times in succession using PCB1
CON * with 1 SGA, iteratively increasing the number from
CON * its start value of 100 by 100 and overwriting the
CON * I/O Area in position 14 for a length of 5 and in
CON * position 96 for a length of 4.
CON *
CON * The next statement causes the first SGA to have the
CON * segment name in positions 1 to 8 inclusive (all
CON * segment names are 8 characters long and left-justified)
CON * followed by 42 spaces. The default format (character
CON * format) is used as no entry was made in positions
CON * 5 to 8 inclusive. For the same reason, this default
CON * also applies to the remaining IOA statements.
CON *
CON * These last four statements cause the I/O Area to be set
CON * up for a total of 170 characters. The WMMW entries
CON * will be iteratively overwritten by the values from
CON * the "HD" statement.
CON *
CON * Note that the order of the five statements following
CON * the "HD" statement is immaterial. The same results are
CON * achieved no matter what order they are specified in.
CON *****

"HD ISRT 009 01 01 00100 00100 0145 0954
S81 001 50 ITEMID
IOA 001 50 ITEMID/MITEM/NNNN".....
IOA 001 50 .....ITEMID/MACD/NNNN".....
IOA 101 50 .....END OF
IOA 151 20 SEGMENT ITEMID --->

CON *****
CON *
CON * 3) The following example shows a single call
CON * ("ISRT") using two SGAs.
CON * The "HD" statement specifies an insert using PCB1 and 2
CON * SGAs.
CON * The two SGAs and the IOA are created as explained
CON * above in the second step.
CON *****

"HD ISRT 01 02
S81 001 50 ITEMID (MITEM = ITEMID/MITEM/00100)
S82 001 50 LAGER
IOA 001 50 THIS IS A LAGER SEGMENT THAT CONTAINS NO SEQUENCE
IOA 001 50 FIELD WHATSOEVER - HOWEVER FOR INTERNAL CONTROL PU
IOA 101 50 RPOSES -0001- END OF SEGMENT LAGER --->

CON *****
CON *
CON * 4) The following example shows a single call
CON * ("GU") using two SGAs.
CON * The "HD" statement specifies a 'GU' using PCB1 and 2
CON * SGAs.
CON * The two SGAs are created as explained
CON * above in the second step.
CON *****

"HD GU 01 02
S81 001 50 ITEMID (MITEM = ITEMID/MITEM/00700)
S82 001 50 PROOST (SPKEY = ITEMID-00700/SPKEY-701****)

CON *****
CON *
CON * 5) POSITION AT BEGINNING AND PRINT THE LOG
CON *
CON * This is achieved by issuing an unqualified get
CON * unique which automatically retrieves the first
CON * segment in the data base and follows this with
CON * successive get texts until the end of the data
CON * base is reached. This condition is indicated
CON * by a status code of "GB".
CON *
CON * The two "HD" statements are translated as follows :
CON * Issue a 'GU' using PCB1 and then issue a 'GU',
CON * also using PCB1. Keep issuing a 'GU' call
CON * until a status code of "GB" is returned in the
CON * PCB.
CON *****

"HD GU 01
"HD GN 00 01

CON *****
CON * LAST) PRINT THE NUMBER OF EACH TYPE OF SEGMENT
CON * ACCESSIBLE BY PCB3
CON *
CON * Internally, this statement will cause an unqualified
CON * GU on PCB3 to be issued, thus positioning at
CON * the beginning. Unqualified GUs are then issued
CON * until a status code of "GB" is returned in the
CON * PCB. This is apparently the same as the previous
CON * two "HD" statements in combination (but on a different
CON * PCB), but the SUMMARY statement does not print out
CON * each segment as it reads it. Instead, it only
CON * prints the summary table at the end.
CON *****

SUMMARY 03

CON *****
CON *
CON * As all blank statements and comment lines are ignored by
CON * DAZZLER, the identical results from the stream above
CON * would be achieved by the stream which now follows.
CON *****

PARMUS>PF1067501
"HD ISRT 009 01 01 00100 00100 0145 0954
S81 001 50 ITEMID
IOA 001 50 ITEMID/MITEM/NNNN".....
IOA 001 50 .....ITEMID/MACD/NNNN".....
IOA 101 50 .....END OF
IOA 151 20 SEGMENT ITEMID --->

"HD ISRT 01 02
S81 001 50 ITEMID (MITEM = ITEMID/MITEM/00100)
S82 001 50 LAGER
IOA 001 50 THIS IS A LAGER SEGMENT THAT CONTAINS NO SEQUENCE
IOA 001 50 FIELD WHATSOEVER - HOWEVER FOR INTERNAL CONTROL PU
IOA 101 50 RPOSES -0001- END OF SEGMENT LAGER --->

"HD GU 01 02
S81 001 50 ITEMID (MITEM = ITEMID/MITEM/00700)
S82 001 50 PROOST (SPKEY = ITEMID-00700/SPKEY-701****)
"HD GU 01
"HD GN 00 01
SUMMARY 03

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