Identification

usage_values
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Purpose

The usage_values procedure is a hardcore ring procedure
callable through the gate segment, hcs_.   It returns the
cumulative page waits experienced by this process and
the cumulative CPU time used by this process. The information
can be used for accounting as in the wait and ready messages
typed out by the listener (BX.2.02).

Usage

The procedure usage_values is called from outside the
hardcore ring as follows:

        call hcs_$usage_values (pwaits,cpu);

        dcl pwaits fixed bin (35),   /*cumulative page
                                                    waits*/

             cpu fixed bin (52);   /*cumulative CPU time*/

Implementation

Usage_values returns the value in pds$page_waits as the
value of pwaits. It returns the current clock time minus
prds$time_last_recorded (the time this process last became
the executing process) plus pds$time_used (the time used
by this process in all previous time slots) as the value
of cpu.