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$page_waits as the value of pwaits. It returns the current clock time minus pds$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.