

18 September 1973

To: Systems Group  
From: James Harp  
Re: Runtime User Documentation

The following is an example of a proposed runtime user documentation format. Please let me know your comments.

*Jim Harp*

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CLOCK\DATE : Convert Date to Clock Value

CLOCK\DATE (STRING STRNG) RETURNING DESCRIPTOR

Description:

CLOCK\DATE reads from the argument string STRNG the  
'month/day/year —hour:minute:second' (24 hour clock) and computes  
a microsecond counter value originated at 1/1/73 and returned as a two  
word value.

Fail Action:

CLOCK\DATE fail returns if the string STRNG is not of the form  
'month/day/year —hour:minute:second' .

Example:

D ← CLOCK\DATE ("9/18/73—8:45:30")

Date: 9/17/73

Author: James Harp

DATE\TIME : Convert Clock Value to Date and Time

DATE\TIME (STRING STRNG, DESCRIPTOR CLOCK)

Description:

DATE\TIME appends to the argument string STRNG the  
'month/day/year - hour:minute:second' (24 hour clock) determined  
from a microsecond counter value (originated at 1/1/73) passed as a  
two word value in CLOCK .

Fail Action:

DATE\TIME fail returns if it cannot append the entire string,  
having appended as much as possible. The maximum date is 17  
characters.

Date: 9/17/73

Author: James Harp

DATE : Convert Clock Value to Date

DATE (STRING STRNG, DESCRIPTOR CLOCK)

Description:

DATE appends to the argument string STRNG the  
'month/day/year' determined from a microsecond counter value  
(originated at 1/1/73) passed as a two word value in CLOCK .

Fail Action:

DATE fail returns if it cannot append the entire string, having  
appended as much as possible. The maximum date is 8 characters.

Date: 9/17/73

Author: James Harp

TIME : Convert Clock Value to Time

TIME (STRING STRNG, DESCRIPTOR CLOCK)

Description:

TIME appends to the argument string STRNG the  
'hour:minute:second' (24 hour clock) determined from a microsecond  
counter (originated at 1/1/73) passed as a two word value in CLOCK .

Fail Action:

TIME fail returns if it cannot append the entire string, having  
appended as much as possible. The maximum time is 8 characters.

Date: 9/17/73

Author: James Harp