
Subject: Re: wait loop

Posted by [Nigel Wade](#) on Thu, 20 Sep 2001 12:28:56 GMT

[View Forum Message](#) <> [Reply to Message](#)

Reimar Bauer wrote:

> Dominik Paul wrote:

>

>> hi there,

>>

>> we would like to check a directory, if there is a file every 10 oder 20

>> minutes in an IDL programm For this we would like to use a waiting funktion,

>> in a loop, which doesnt cost to much processor time.

>>

>> Does somebody know a waiting function for this problem, because I couldnd

>> find anything suitable in the IDL help files.

>>

>> Thanks

>>

>> Dom

>>

>

>

> Dear Dom,

>

> are you looking for something like:

>

>

> FUNCTION wait_until_daytime,day_time

>

> ask_time = string2js(day_time)

> time_now = string2js(/now)

>

> IF ask_time LT time_now THEN return,0

>

> WHILE time_now LT ask_time DO time_now = string2js(/now)

>

> RETURN,1

> END

>

>

> result=wait_until_daytime('2001-09-20 13:35:00 000')

>

> http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_html/dbase/download/string2js.tar.gz

>

>

> regards

> Reimar

>

>

I can't actually test this procedure as I don't have string2js, but it looks to me as though it would use around 100% of the CPU while it's waiting.

That's not very friendly if it's a multiuser system.

--

Nigel Wade, System Administrator, Space Plasma Physics Group,
University of Leicester, Leicester, LE1 7RH, UK

E-mail : nmw@ion.le.ac.uk

Phone : +44 (0)116 2523568, Fax : +44 (0)116 2523555
