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Subject: Re: while loop crashes

Posted by [Juggernaut](#) on Tue, 01 Jun 2010 13:47:41 GMT

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On Jun 1, 6:27 am, lila hadji <lhad...@gmail.com> wrote:

> On 1 juin, 12:18, Spon <christoph.b...@gmail.com> wrote:

>

>> On Jun 1, 8:51 am, hovru <h.rube...@gmail.com> wrote:

>

>>> Wouldn't you not need the "Pro" and "End" if it's not a program, just

>>> a script (such as when you use "Journal")?

>>> Also, leaving out the "return" should be fine, since there is only one

>>> level, right?

>

>>> Thanks.

>

>> Looks like you can't have loops or statements in batch files; every

>> statement has to be complete, just like if you were using the command

>> line.

>

>> So, this works fine, but your program does not:

>> ---

>> print, 'start while loop'

>>     j=2

>> while (j NE 10) do j=j+1

>

>> print, 'done', j

>> ---

>

>> Have a look at the helpfile for 'Executing Batch Jobs in IDL', I

>> guess.

>> I've always wondered why people even use batch mode, when procedures

>> and functions are almost as easy to write. What is the advantage of

>> batch mode?

>

>> No, you don't need the 'return', but what harm is it doing? Plus, if

>> you decide to modify the code to pass variables or keywords to it

>> later, you might wonder why they never come back. :-)

>

>> Chris

>

> Actually, when you want to run a script, you can remove the pro line,

> and add (optionally) \$Main\$ at the beginning (to speed up the

> performances)

> You can also remove the return line but you have absolutely to keep

> the end line.

> ; files simplestest.pro

> \$Main\$

```
> print, 'start while loop'
>     j=2
> while (j NE 10) do begin
>     print,j
>     j=j+1
>     print, j
> endwhile
>
> print, 'done'
> end
>
> and all you have to do in IDL screen is tape .run simpletest.pro
> Hope it helps a little
> Cheers
> Lila
```

These are the types of situations where I wish IDL had MATLABs capability of evaluating highlighted chunks of code.

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