
Subject: Re: while loop crashes

Posted by [lila hadji](#) on Tue, 01 Jun 2010 10:27:20 GMT

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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 simpletest.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
