
Subject: Re: Stop program in IDL 6.2

Posted by [David Fanning](#) on Fri, 12 Nov 2010 16:29:51 GMT

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Ammar Yusuf writes:

> Hi, in IDL 6.2 when a program is running how do you stop execution of
> the program in the middle because every time I click on it IDL just
> freezes and I have to use the Task Manager to end the program. I tried
> using control - c to stop execution but that didn't work.

This sounds more like a run-away CATCH error handler
to me. Are you canceling the CATCH as the first line
in your error handler?

Once you get into these infinite loops, they are VERY
difficult to get out of. CNTL-C doesn't help at all,
as you realize.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Stop program in IDL 6.2

Posted by [Ammar Yusuf](#) on Fri, 12 Nov 2010 16:47:29 GMT

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On Nov 12, 11:29 am, David Fanning <n...@dfanning.com> wrote:

> Ammar Yusuf writes:

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>> the program in the middle because every time I click on it IDL just
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> difficult to get out of. CNTL-C doesn't help at all,
> as you realize.
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> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

No, it's just a simple program:

```
for i = 0L, 10000 do begin  
  index = total(findgen(1000000))  
endfor
```

```
print, index
```

```
end
```

Of course it takes a few minutes to compute. It's just a test program and when I run it through IDL 6.2 I want to stop execution in the middle but that doesn't work by hitting pause/break on the computer or control c but that doesn't work. I have to wait for the program to stop executing or hit a stop statement to suspend. Thanks.

Subject: Re: Stop program in IDL 6.2
Posted by [David Fanning](#) on Fri, 12 Nov 2010 16:54:09 GMT
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Ammar Yusuf writes:

> No, it's just a simple program:
>
> for i = 0L, 10000 do begin
> index = total(findgen(1000000))
> endfor
>
> print, index
>
> end
>
> Of course it takes a few minutes to compute. It's just a test program
> and when I run it through IDL 6.2 I want to stop execution in the

- > middle but that doesn't work by hitting pause/break on the computer or
- > control c but that doesn't work. I have to wait for the program to
- > stop executing or hit a stop statement to suspend. Thanks.

No, a FOR loop is a single command to the IDL interpreter. It doesn't look for a CNTL-C until after it is out of the loop and looking for the next command. If the interpreter looked for control characters inside of FOR loops, they would be slower than they already are. :-)

Cheers,

David

--

David Fanning, Ph.D.
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Subject: Re: Stop program in IDL 6.2
Posted by [Ammar Yusuf](#) on Fri, 12 Nov 2010 17:03:26 GMT
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- > looked for control characters inside of FOR loops, they would
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- >
- > Cheers,
- >
- > David
- >
- > --
- > David Fanning, Ph.D.
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- > Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
- > Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Ah okay. Makes sense. Thanks.

Subject: Re: Stop program in IDL 6.2

Posted by [russell.grew](#) on Mon, 15 Nov 2010 02:38:37 GMT

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For what it's worth I find Ctrl+BREAK (on the pause key up near scroll lock) works better than Ctrl+C if you are using windows. Don't ask me why.

Cheers.
