Subject: noop?
Posted by Christopher Thom on Fri, 06 Apr 2007 16:37:14 GMT
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Hi all,

Does IDL have some kind of noop statement? I'm looking for something to
anchor breakpoints at a point where several control statments have their
ends...

cheers
chris

Subject: Re: noop?
Posted by JD Smith on Fri, 06 Apr 2007 18:12:58 GMT
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On Fri, 06 Apr 2007 11:37:14 -0500, Christopher Thom wrote:

> Hi all,
>
> Does IDL have some kind of noop statement? I'm looking for something to
> anchor breakpoints at a point where several control statments have their
> ends...

Hmm... if you set a breakpoint at a given location, IDL will move it
to the first subsequent line where it can actually stop. Can you show
an example of where it won't stop, when you want it to, and where you
think it should be able to?

One related issue is the continued control statement vs. begin...end
flavor control statement. Consider the former:

for i=0,100 do compute,i

vs. the latter:

for i=0,100 do begin
  compute,i
end

In the first case, IDL compiles the entire loop into a single block of
code, which cannot be interrupted or stopped. In the latter case, you
can set breakpoints, interrupt, etc. within the loop. For this reason
as well, the first case is (modestly) faster (depending sensitively on
how much is being *done* in each loop iteration).

Subject: Re: noop?
Posted by David Fanning on Fri, 06 Apr 2007 18:35:37 GMT
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Christopher Thom writes:

> Does IDL have some kind of noop statement? I'm looking for something to
> anchor breakpoints at a point where several control statments have their
> ends...

How about CONTNUE.

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: noop?
Posted by David Fanning on Fri, 06 Apr 2007 18:39:27 GMT
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David Fanning writes:

> How about CONTNUE.

There is probably an "I" in there somewhere... :-(

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.")