
Subject: Re: number of iterations

Posted by [David Fanning](#) on Mon, 07 Dec 2009 00:49:09 GMT

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Elkunn writes:

.
> Is there a way to count the number of iterations in a Repeat.. Until
> Loop?

I suppose something like "count =+" would work. ;-)

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: number of iterations

Posted by [Wasit.Weather](#) on Mon, 07 Dec 2009 01:32:26 GMT

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On Dec 6, 6:49 pm, David Fanning <n...@dfanning.com> wrote:

> Elkunn writes:
>
> .
>
>> Is there a way to count the number of iterations in a Repeat.. Until
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>
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> David

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How can I do that in this example? I would like to have print the
number of iterations within that Repeat Loop.

Thanks

```
;E1 = Unit vector, known
; Z is known matrix
REPEAT BEGIN
  EC = Z##E1
  L = sqrt(EC[0]+EC[1])
  E1 = EC/L
  print,L
;Keep going until nothing is moved.
ENDREP UNTIL L LT 1.2840277
```

Subject: Re: number of iterations

Posted by [David Fanning](#) on Mon, 07 Dec 2009 01:37:52 GMT

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Elkunn writes:

```
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> How can I do that in this example? I would like to have print the
> number of iterations within that Repeat Loop.
>
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>   L = sqrt(EC[0]+EC[1])
>   E1 = EC/L
>   print,L
> ;Keep going until nothing is moved.
> ENDREP UNTIL L LT 1.2840277
```

```
;E1 = Unit vector, known
; Z is known matrix
count = 0
REPEAT BEGIN
  print, count++
  EC = Z##E1
  L = sqrt(EC[0]+EC[1])
  E1 = EC/L
  print,L
;Keep going until nothing is moved.
ENDREP UNTIL L LT 1.2840277
```

--

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Subject: Re: number of iterations
Posted by [Wasit.Weather](#) on Mon, 07 Dec 2009 01:50:20 GMT
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On Dec 6, 7:37 pm, David Fanning <n...@dfanning.com> wrote:
> Elkunn writes:
>
> .
>
>> How can I do that in this example? I would like to have print the
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> --
> 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.")

Wow!

Things are so simple, as long as you know how to do it!!!
thanks
