
Subject: Re: null array

Posted by [R.Bauer](#) on Wed, 24 Sep 2003 15:11:22 GMT

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Ben Panter wrote:

>

>

> Reimar Bauer wrote:

>

>> Tomson wrote:

>>

>>

>>> Hi, I need a null array without any elements in it. Then elements

>>> will be

>>> added to it. But how to define a null array?

>>>

>>> Best

>>> Tomsom

>>

>>

>>

>> What is this? I don't use matlab.

>>

>> Would you like to do something like this.

>>

>> if n_elements(array) eq 0 then array=scalar else array=[array,scalar]

>>

>> Or in a loop

>>

>> for i=0,10 do begin

>> ..

>>

>> if i eq 0 then array=scalar else array=[array,scalar]

>> endfor

>

>

> I'm a bit worried about showing my ignorance here - but rather than have

> an 'if' running on every iteration, could you not do:

>

> a=[0.5]

>

> for i=0,n do begin

> ..

> endfor

>

> a=a[1:*

>

> cutting out n if evaluations for the sake of 1 array crop?

>
> I'll go back to my corner!
>
> Ben
>
> PS: Also, would it be possible to use the function temporary?
> a=temporary(a[1:.*]) - would that be faster? I'm at home and not with my
> IDL so can't test it yet!
>

You are right,

Reimar

--

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a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

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