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Subject: Re: null array

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

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Ben Panter wrote:

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>
> 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

--  
Reimar Bauer

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a IDL library at ForschungsZentrum Juelich  
[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html)

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