Subject: Re: null array
Posted by Paul Van Delst[1] on Wed, 24 Sep 2003 13:52:15 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?

Yep - I do that often. Not just in IDL either.

BTW, getting back to the original question, isn't every variable that hasn't yet been
defined in an IDL procedure (an infinite number to be sure) a null array? :o\

paulv

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