Subject: Re: null array
Posted by JD Smith on Wed, 24 Sep 2003 16:17:03 GMT

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On Tue, 23 Sep 2003 20:21:44 -0700, 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
>
> Reimar

But this is also slow, since you reallocate the array on each iteration
(which starts to hurt when the array gets large). Far better is to
pre-allocate the array to roughly the correct size, and grow it as
necessary. Search this newsgroup for "Is there a standard 'null' array"
for a thread on this very topic.

JD

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