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Subject: Re: null array

Posted by [Ben Panter](#) on Wed, 24 Sep 2003 08:33:17 GMT

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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!

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