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Subject: Re: For..Do Loop and If statements

Posted by [Markus Schmassmann](#) on Thu, 19 Jan 2017 10:44:14 GMT

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On 01/19/2017 10:06 AM, Helder wrote:

> That should then work. However, IDL is not made for loops. The  
> typical way to do this is to use the where function  
> (<http://www.harrisgeospatial.com/docs/WHERE.html>):  
>  
> b2 = a[where(a gt 5)]  
>  
> if you're not sure if any elements of a are greater than 5, then you  
> should use: pos = where(a gt 5, cnt) if cnt gt 0 then b2 = a[pos]  
> else b2 = []

A small addition to Helder's answer:

if there might be elements greater than 5, you could also use:

```
b2 = a[where(a gt 5,/NULL)]
```

this avoids the use of if...then, which is rather slow in IDL

Markus

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