
Subject: Re: is this a bug in IDL?

Posted by [Ben Panter](#) on Tue, 16 Dec 2003 11:09:13 GMT

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Aramis Martinez wrote:

```
> k=0
> for i=0,8759 do begin
> x=vbs(2,i)
> if x gt 0.0 then k=k+1 & x=0 & vbs(2,i)=x
> endfor
> print, k
>
> k=0
> for i=0,8759 do begin
> x=vbs(2,i)
> ;; version A
> if x gt 0.0 then x=0 & k=k+1 & vbs(2,i)=x
> ;; version B
> if x gt 0.0 then k=k+1 & x=0 & vbs(2,i)=x
> endfor
> print, k
>
```

I'm no expert, but I think that possibly your code is using & in the wrong way - as far as I understand it (correct me if I'm wrong guys!!) & means "complete the previous command then do the thing after me" - so your code actually reads:

```
k=0
for i=0,8759 do begin
  x=vbs(2,i)
  if x gt 0.0 then x=0
  k=k+1
  vbs(2,i)=x
endfor
```

or

```
k=0
for i=0,8759 do begin
  x=vbs(2,i)
  if x gt 0.0 then k=k+1
  x=0
  vbs(2,i)=x
endfor
```

To get the behaviour that you want I think you need another begin...end set:

```
k=0
for i=0,8759 do begin
  x=vbs(2,i)
  if x gt 0.0 then begin
    k=k+1
    x=0
    vbs(2,i)=x
  end
endfor
```

--

Ben Panter, Edinburgh
My name (no spaces)@bigfoot which is a com.
