
Subject: where, or, and loops. There has to be a better way.
Posted by anniebryant@gmail.com on Fri, 08 Mar 2013 23:47:00 GMT
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Please see the below example to demonstrate my problem:

```
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; This is a large floating point array of river basins  
huc = fltarr(4800,4800)  
  
; IDs of the basins I want to extract  
NEW = [1102,1103,1104,1105]  
  
; Find where the basins are  
pos = where(huc eq NEW[0] or $ ; IS THIS THE ONLY WAY TO FIND THE VALUES IN THE  
LARGER ARRAY??  
huc eq NEW[1] or $  
huc eq NEW[2] or $  
huc eq NEW[3])  
  
; Create new array and insert basins  
key = intarr(4800,4800)  
  
key(pos) = 1  
-----
```

The issue here is, what happens when the 'NEW' variable has 300 values in it? Do I have to go through 300 iterations of:

```
pos = where(huc eq NEW[1] or $  
..... or $  
huc eq NEW[299])
```

I hope someone has found a way around this.

Thanks for any ideas you can give!!!
Annie
