
Subject: Re: where, or, and loops. There has to be a better way.

Posted by [cgguido](#) on Sat, 09 Mar 2013 00:22:23 GMT

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Something like

```
h=histogram(huc, bin=1, min=1, re=ri)
w=histobin(ri, new)
key[w]=1
```

On Friday, March 8, 2013 5:47:00 PM UTC-6, AB wrote:

> Please see the below example to demonstrate my problem:

>

>

>

> -----

>

>

>

>

>

> ; 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
