
Subject: Re: Extract Array positions for a set of Values
Posted by [wlandsman](#) on Wed, 09 Mar 2011 11:08:05 GMT
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You might try match2.pro from <http://idlastro.gsfc.nasa.gov/ftp/pro/misc/match2.pro> though it is a bit of overkill.

(You first have to REFORM to a 1-d array)

```
IDL> match2,reform(a,21),b,suba,subb
```

```
IDL> print,reform(suba,7,3)
```

```
  0      0      0      0     -1     -1     -1
  0      0      0      0     -1     -1      1
 -1     -1     -1     -1      2     -1      1
```

The output is set to -1 where there is no match in the vector B.

```
IDL> a[where(suba ge 0)] = 99
```

```
IDL> print,a
```

```
 99  99  99  99   0   0   0
 99  99  99  99   0   0  99
  0   0   0   0  99   0  99
```