
Subject: Re: Efficient comparison of array location in two lists
Posted by [Heinz Stege](#) on Tue, 22 Feb 2011 10:18:48 GMT
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The code above contains errors. Wayne Landsman shows an example in another thread. Here is a copy from my correction:

Good morning!

I should not answer to postings in the middle of the night. I copied the commands from an existing program in my library and made mistakes adopting them to the OPs question. Thank you Wayne, for bringing it out.

And here is the correction:

```
indx1=sort(foo1)
if n_elements(foo1) ge 2 then $
  indx1=indx1[value_locate(foo1[indx1],foo2)] $
else $
  indx1=0
indx2=where(foo1[indx1] eq foo2,count)
if count le 0 then message,'No matching labels found.'
indx1=indx1[indx2]
```

Note, that you have to make changes, if you set the strictarrsubs or idl2 compiler option. For this case:

```
indx1=sort(foo1)
if n_elements(foo1) ge 2 then $
  indx1=indx1[value_locate(foo1[indx1],foo2)>0] $
else $
  indx1=lonarr(n_elements(foo2))
indx2=where(foo1[indx1] eq foo2,count)
if count le 0 then message,'No matching labels found.'
indx1=indx1[indx2]
```

I hope, that it is working now. Sorry to everybody.

Heinz
