
Subject: Re: Finding Common Elements in Two Arrays

Posted by [landers](#) on Fri, 03 Jun 1994 13:10:50 GMT

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It's me again...

Now I noticed you want the indices rather than the values.... So

In article <1994Jun3.130243.3453@mksol.dseg.ti.com>, landers@tsunami.dseg.ti.com (David Landers) writes:

```
|>  
|> Na = N_ELEMENTS(a)  
|> Nb = N_ELEMENTS(b)  
|> L = LINDGEN(Na,Nb)  
|> AA = A( L MOD Na )  
|> BB = B( L / Na )
```

Then...

```
I = AA EQ BB  
Ia = UNIQUE( I MOD Na )  
Ib = UNIQUE( I / Na )
```

Now Ia has the indices of A that are in B, and Ib has the indices of B that are in A. Leave off the UNIQUE if you care that an element matches multiple times.
