

---

Subject: Re: Finding Common Elements in Two Arrays  
Posted by [landers](#) on Fri, 03 Jun 1994 13:10:50 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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](mailto: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.

---