
Subject: RE: Need efficient routine to calculate max of two arrays

Posted by [mallozzi](#) on Wed, 25 Jan 1995 01:29:10 GMT

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|> There are two arrays: a and b of equal length, I want to calculate

|> an array c of the same length so that:

|> $c(i) = \min(a(i), b(i))$

Try this:

```
IDL> a = [1., 2, 3, 4, 5]
```

```
IDL> b = [1., 2, 3, 2, 1]
```

```
IDL> c = a < b
```

```
IDL> print, a
```

```
1.00000    2.00000    3.00000    4.00000    5.00000
```

```
IDL> print, b
```

```
1.00000    2.00000    3.00000    2.00000    1.00000
```

```
IDL> print, c
```

```
1.00000    2.00000    3.00000    2.00000    1.00000
```

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