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

Posted by [kommers](#) on Wed, 25 Jan 1995 02:45:34 GMT

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> In article <3g3p8i\$1o6@cobra.aer.com>, gallery@aer.com (William O. Gallery) writes:

> |> Here is the problem:

> |>

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

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

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

I think the < and > operators implement this functionality efficiently.

For example:

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

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

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

```
IDL> print, c
```

```
1    2    3    2    1
```

The < operator does the "min" part, and > does the "max" part.

For more info, see under "operators" in the User's Guide.

Cheers,

Jeff

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