
Subject: Using MIN on arrays : Exorcising loops?

Posted by [A. D. & J.C. Cool](#) on Fri, 05 Oct 2001 11:18:00 GMT

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Hi all,

I have three slabs of data [640,500] held as an array [640,500,3].

I need to populate another 2D array [640,500] with the minimum value for every x,y coordinate found in the first 3 arrays.

At the moment my code loops something like this :-

```
data_array = Fltarr(640,500,3)
```

```
Min_array = Fltarr(640,500)
```

```
For x = 0,639 Do Begin
```

```
  For y = 0,249 Do Begin
```

```
    Min_array(x,y) = MIN(data_array(x,y,*))
```

```
  End
```

```
End
```

There's gotta be a better way, surely? Some syntax variant on MIN?
Histogram even? ;-)

TIA,

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