
Subject: Re: making a checkerboard array?

Posted by [David Fanning](#) on Wed, 26 Sep 2007 17:39:12 GMT

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

JD Smith writes:

```
> In case that wasn't clear, here it is dfanning style ;)
>
> theRamp = LINDGEN( theNumberOfXPixels , theNumberOfYPixels )
> theCheckerBoardHorizontalPeriod = 2 * theCheckWidth
> theHorizontalRamp = theRamp MOD theCheckerBoardHorizontalPeriod
> theHorizontalBands = theHorizontalRamp LT theCheckWidth
>
> theRowNumbers = theRamp/theNumberOfXPixels
> theCheckerBoardVerticalPeriod = 2 * theCheckHeight
> theVerticalRamp = theRowNumbers MOD theCheckerBoardVerticalPeriod
> theVerticalBands = theVerticalRamp GE theCheckHeight
>
> theCheckerBoard = theHorizontalBands XOR theVerticalBands
```

Oh, hell. I think I'm going back to all lowercase. :-(

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
