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Subject: making a checkerboard array?

Posted by [Mike\[2\]](#) on Tue, 25 Sep 2007 16:27:17 GMT

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I'm trying to make a checkerboard mask for an array, but I'm missing something that is likely to be obvious to the IDL array masters. The following code makes a pattern like this (use a fixed width font):

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Can anyone help me fill in the missing rectangles like this?

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```
Nx=300
Ny=200
Nrects = 10
Xside = Nx/Nrects
Yside = Ny/Nrects
xs = [replicate(1,Xside), replicate(0,Xside)]
while n_elements(xs) lt Nx do xs = [xs, [replicate(1,Xside),
replicate(0,Xside)]]
xs = xs[0:Nx-1]
ys = [replicate(1,Yside), replicate(0,Yside)]
while n_elements(ys) lt Ny do ys = [ys, [replicate(1,Yside),
replicate(0,Yside)]]
ys = ys[0:Ny-1]
window, xsize=Nx, ysize=Ny
tvscf, xs # ys
```

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