Subject: clever way to subregion an image?
Posted by R.G.Stockwell on Fri, 09 Apr 2010 16:05:18 GMT

I need to cut an image into 4 equal-size parts, which
obviously is very easy to do in a few lines.
image1 = im[0:nx/2-1, 0:ny/2-1]
image2 = im[0:nx/2-1, ny/2:*]
image3 = im[nx/2:*, 0:ny/2-1]
image4 = im[nx/2:*, ny/2:*]

i came across a way to do this with reform, but
it required 4 steps (several reforms, a couple transposes)
to do it properly.

I'd be interested (just for fun) in a vectorized general way to do this
if any of you 'dimension jugglers' have any clever ideas,
for how to take an image and cut it into 4, or 16, or 64,
or 256 equal pieces (that would probably be about the maximum)

cheers,
bob