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

Subject: Re: clever way to subregion an image?
Posted by philipelson on Mon, 12 Apr 2010 11:16:02 GMT
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On 9 Apr, 17:05, "R.G. Stockwell" <noem...@please.com> wrote:
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> cheers,
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Use the JPEG2000 object and get this cleverness for free :-)

Subject: Re: clever way to subregion an image?
Posted by R.G.Stockwell on Mon, 12 Apr 2010 18:46:09 GMT
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"Philip Elson" <philipelson@googlemail.com> wrote in message
news:17e370fa-592b-4441-ac6f-b70fd1ddcad4@u21g2000yqc.google groups.com...
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> cheers,
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> Use the JPEG2000 object and get this cleverness for free :-)

Thank you Philip! I was not aware that existed. I'm reading through
the documentation now, sounds great.

cheers,
bob