
Subject: Re: clever way to subregion an image?

Posted by [R.G.Stockwell](#) on Mon, 12 Apr 2010 18:46:09 GMT

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

"Philip Elson" <philipelson@googlemail.com> wrote in message
news:17e370fa-592b-4441-ac6f-b70fd1ddcad4@u21g2000yqc.google groups.com...

On 9 Apr, 17:05, "R.G. Stockwell" <noem...@please.com> wrote:

> 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:ny]
> image3 = im[nx/2:nx-1, 0:ny/2-1]
> image4 = im[nx/2:nx-1, ny/2:ny]
>
> 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

> 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
