
Subject: how to define size of image in common case

Posted by skymaxwell@gmail.com on Tue, 06 Jul 2010 04:32:11 GMT

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how to define size of image (in bytes) in common case ?

I use the following formula

$$V = (\text{image_size_x} / \text{pixel_size_x}) * (\text{image_size_y} / \text{pixel_size_y}) * N_b \text{ and } * 10E-6$$

image_size_x, image_size_y - dimensions of image (in meters)

pixel_size_x, pixel_size_y - spatial resolution (in meters)

Unfortunately, for some images it's wrong - it doesn't match with file size.

Why ?

Thanks
