
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

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

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
