Subject: Re: Inverting the image
Posted by James Kuyper Jr. on Thu, 20 Dec 2001 00:12:47 GMT
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JD Smith wrote:

> Akhila wrote:
>
>> HI,
>> I have an image of size(512 x 512 x 195). Its a CT image of chest and
>> the image appears with the backbone in the upward direction and the
>> sternum in the downward direction. I want to get it inverted.
...

> But seriously, you don't really say what you mean by "inverted", which
> is a concept which applies quantitatively only to colormaps, where it

There are many different possible meanings of "inverted"; the term
doesn't just apply to colormaps. To the geometrically inclined, the
meaning that seems most likely to apply in this case is the
transformation that replaces a function image(x,y,z) with
image(-x,-y,-z). Assuming that x=0,y=0,z=0 corresponds to the center of
his array, then in IDL terms that becomes:

invert = reverse(reverse(reverse(image, 1),2),3)