Subject: Re: how to resahpe image in IDL
Posted by Maarten[1] on Tue, 23 Feb 2010 16:45:14 GMT

On Feb 23, 5:08 pm, Nayan <mkzama...@gmail.com> wrote:
> I have a 3 D (x*y*z) image matrices, Is there any command in IDL to
> convert this to a 2D
> matrix, of size [(x*y),z]?.

Yes, there is such a command.

Oh, you want me to mention the name?

reform()

You may need to use transpose once or twice to get the elements in the
order you need.

Maarten

Example:
a = intarr(2,3)
for i = 0,1 do a[i,*] = i
b = intarr(2,3,5)
for i = 0,4 do b[*,*,i] = a
c = transpose(reform(transpose(b), 5, 2*3))

or

c = reform(b, 6, 5)