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Subject: Re: Help needed to create image frames from dataset (mpeg movie)

Posted by [Kim](#) on Tue, 06 Jan 2009 17:17:05 GMT

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On Jan 6, 8:06 am, "Jean H." <jghas...@DELTHIS.ucalgary.ANDTHIS.ca> wrote:

>> Hi,

>

>> I think you misunderstood my question.

>> I already read David's link. Like you said, that was the first thing

>> that popped up.

>> My question was not how to make mpeg movies, but how to make the

>> matrix for each individual image frame, or the 3d data matrix.

>> The above (x, y, t) is not in a matrix format, I wanted something like

>

>> At T=1sec,

>

>> in 4x4 matrix of x and y,

>

>> 0 0 1 0

>> 1 0 0 1

>> 0 0 1 0

>> 0 1 0 0

>

>> Which corresponds to (2, 0), (0, 1), (3, 1), (2, 2), (1, 3) in x and y

>> coordinates.

>> Unfortunately, y coordinates I have are not in integer, but rather

>> double precision, and I have hundreds of data set.

>> So, I was hoping whether there is a quick way to create matrix out of

>> the given data sets.

>

> So, what should be the pixel size?

> If it is unitary, there is no problem:

>

> image = bytarr(Xsize,Ysize)

> image[x,y] = 1

>

> If you don't want to have the value 1, but rather the number of times a

> point fell in this pixel, use histogram instead (hist\_2d). Moreover, you

> can specify the bin size!

>

> Jean

Thanks for all the help.

This might work after all. ^^

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