Subject: Re: Help needed to create image frames from dataset (mpeg movie)
Posted by Kim on Tue, 06 Jan 2009 13:33:13 GMT

On Jan 6, 2:24 am, loebasboy <stijn....@gmail.com> wrote:
> On 6 jan, 06:37, Kim <adisn...@hotmail.com> wrote:
>
>
>
>> Hi,
>
>> I'd really appreciate if someone can help me out here.
>
>> I have 2-d data sets of x and y coordinates in time t.
>> For example,
>
>> At Time = 1sec,
>>   x   y
>>   10   20
>>   20   14
>>   4   8
>>   .   .
>>   .   .
>>   .   .
>
>> At Time = 2sec,
>
>>   x   y
>>   23   8
>>   3   9
>>   44   34
>>   .   .
>>   .   .
>>   .   .
>
>> And so on..
>> At this format, I have approximately several hundreds of datasets of x
>> and y.
>> How can I make these data files into individual image frame such that
>> those frames can be used in mpeg movie, which is the next step.
>
>> Thank you very much!!!
>
> You should create a 3D data matrix (X,Y,T) with the data and then read
> the next link and thank David for it.
>
> http://www.dfanning.com/tips/how_mpeg.html
>

> next time, do a simple google search before you ask something like
> this, with 'mpeg IDL' the above link was the first thing that popped
> up...

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.