Subject: Re: 2D density plot *** hist_2d *** LARGE ARRAYS
Posted by Paolo Grigis on Thu, 26 Jan 2006 08:47:03 GMT
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Well, it looks like you are trying to allocate
an array with 1 million times 1 million of elements,
if you do the math, you'll probably discover that
this array cannot possibly fit into your memory...

(unless, of course, you have a couple of terabytes
of RAM available, in this case you are probably a
microsoft employee developing the next generation
of windows ;-)

Paolo

maldayeh@gmail.com wrote:
> Hi All,
> I need to get the density plot of two arrays,
> days:[1 to 15 in very small increments] such that n_elements(days) =
> 1000000
> and intensity:[0 to 1 with very small differences] such that
> n_elements(intensity) = 1000000
>
> I tried different ways and always got this error whenever I try to
> create a 2D vector: unable to allocate memory.
> Any help is greatly appreciated.
> Thanks a lot
> MD
>

Subject: Re: 2D density plot *** hist_2d *** LARGE ARRAYS
Posted by maldayeh on Thu, 26 Jan 2006 22:38:33 GMT
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Hi Paolo,
Not really, just found a way around this morning!
 I Just scanned the arrays little by little, and returned
coincidences(overlapping indices of elements confined in a certain
small area) into a much-smaller array (100*100 worked fine).
1 GB of RAM. Finished job in 5-7 seconds
Maher.

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