Subject: problems plotting LARGE amounts of 2D data?
Posted by mcheng on Tue, 22 Feb 1994 15:25:11 GMT
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Hi

I am trying to find ways to plot LARGE amounts of 2D data,
and I like to know what is currently the state of the art. For the
sake of this posting, let's say "large" means much more data than
fits in real memory. From my own experience, using the virtual memory
of the workstation to store large amounts of data impedes performance
due to excessive paging. Here is what I have been able to gather so far:

1) AVS: has 25,000 point limit. Everything is loaded into virtual memory.

2) Khoros 1: loads everything into virtual memory.
 Any updates from Khoros 2.0?

3)idl/pvwave: As far as I can tell from the short demo,
 loads everything into virtual memory?

I'm posting this to the various Comp.graphics.*
groups, hoping that I can get feedback from users of various software
packages. I would appreciate comments on the current/future capabilities of
the above packages. I would also like comments about other
packages, such as SGI Explorer, IBM Data Explore, apE, or any other
package. Thanks in advance.

Mike