Subject: Trouble exporting vector .eps file from ivolume
Posted by Michael Bergamo on Tue, 13 Sep 2011 15:56:31 GMT

Hey all,

I've been trying to export my volume (in ivolume) as an .eps file, but
I've been running into some trouble. My volume renders without an
issue in ivolume, seen here: http://i.imgur.com/bM5o8.jpg . I can
export to any other file type without an issue; I can even export a
bitmap .eps, but I need the file to be in vector format. Just to show
you guys what I'm looking at I took a screenshot of what happens when
I export an .eps file in bitmap format and in vector format,
respectively: http://i.imgur.com/qZLBf.jpg . It appears like the .eps
file was cut short while being rendered, perhaps the postscript device
is being closed too quickly or not being closed at all? A problem I've
had in the past, but the code for the postscript device should be
handled by itools in this situation, no? I've been exporting as you
normally would (File -> Export -> To a file -> Window, etc). I've also
tried Kenneth Bowman's ITOOL_WRITE_GRAPHIC_KPB program and Paulo
Penteado's pp_itool_save program, both of which gave me the same
output that I was getting before. Furthermore, after playing around
for quite a bit I've found out that if I go Operations -> Volume ->
Interval Volume, render the graphic, and export to vector .eps it
works fine so I must be doing something wrong between my call to
ivolume and trying to export the .eps. My call to ivolume is very
simple:

ivolume, volume, /interpolate, VOLUME_LOCATION=[5, 5, 5],
BOUNDS=[14,10,0,16,14,8]

I do a little manipulation (colorbar, color/transparency tables, etc)
but I can't put my finger on the issue. I've done all these steps on
both IDL 6.3 and IDL 7.1 but without any luck. Any ideas you could
throw my way would be greatly appreciated.

Thanks in advance,
Mike