Subject: Line plot with arrows
Posted by Robin Wilson on Thu, 22 Sep 2011 15:20:49 GMT

Hi all,

I'm trying to use IDL (and specifically David's Coyote Graphics system)
to plot a line graph showing the passage of rays of light through a
modelled atmosphere. I can easily get the data out to plot a simple line
graph which joins up the points that the ray passed through, but I want
to be able to put arrows on the lines so that it can be seen which
direction the light is going.

Is there any (relatively easy) way to put arrows on lines in a line plot
in IDL? Ideally I'd like to replace each segment of line with an arrow,
but I guess I could have arrows just at each point instead. For the
latter I would think of overplotting some points, but I'd need to rotate
the arrows correctly each time, and I've no idea how to do that.

Any ideas?

Robin

P.S. David - working on your review now (using the book as a reference
for programming today to test it out!)

Robin Wilson
A PhD student studying complexity in remote sensing
www.rtwilson.com/academic