**gridfit\_vec.pro tests**

1. I think unpacking the tarball in some convenient directory would be a good start.
2. I like using the IDL development environment. I’ll also include instructions for command line too, that I hope won’t confuse the process.
3. I will use courier font for computese commands to type and filenames.
4. If you haven’t used the development environment before, start it from a command line by

prompt: idlde &

1. There’s a directory selection pulldown menu on the DE widget. Use that to switch to the

directory where the tarball is unpacked.

1. You can use the File->Open to open the editor window and see the text of the gridfit\_vec.pro procedures.
2. Click on the menu tab Run->Compile gridfit\_vec.pro and the command line in the development environment should report back that seven (7) modules were compiled.
3. At the development environment command line type

IDL> gridfit\_vec

1. A file selection widget should appear, click on the 73leo-2008-03-25.dat file and then click the “OK” button.
2. In the “GRIDFIT INPUTS” widget type the following in four (4) of these boxes and hit “Enter” after typing:

Xmax: 40.0 Xmin: -80.0 Ymax: 60.0 Ymin: -60.0

1. If the entries are typed and “Enter” is hit you’ll know the values were updated from the widget as the updated values will be repeated at the command line.
2. Now you are ready to try the code, so bravely click on the “GRIDFIT” button and sit back and hope you do not smell smoke. That would be a neat trick while teleworking ☺
3. Report back on your progress, and we can set up a test. This is just to see if the code runs.