Subject: Fast Filled Contour Plots
Posted by David Fanning on Tue, 17 Apr 2012 19:33:00 GMT

Folks,

Yesterday I demonstrated a method for partitioning images
that was anywhere from 5000 to 2 times faster than
comparable filled contour plots and looked identical.

Today, it was requested that I show how to display the
resulting image on a map. I have extended the original
article to do so. You can find it here:

  http://www.idlcoyote.com/graphics_tips/fastfill.php

As I was working on this, Chris Torrence graciously supplied
some IDL 8.x code to do the same thing. I've included the
code Chris sent me in the article. Unfortunately, it
probably does more to expose the limitations of the new
function graphics system than it does to illuminate the
features. But, perhaps I have done something wrong. If
anyone has suggestions (Alain?) for how I can fix this,
I am all ears.

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")