Subject: Can this be done using array operations instead?
Posted by robintw on Thu, 02 Apr 2009 14:34:58 GMT

Hi,

I'm quite new to IDL and I've written a function to calculate some statistics for an image file in ENVI. The function has to be calculated for the 3x3 square around every pixel in the image. At the moment I'm using a couple of nested for loops to do that - is there a way to do it using array operations instead?

What I suppose I'm asking for is a way to call a particular function for every element of an array - is that possible. I know it's possible to do NewArray = OldArray * 2, which is calling the + function on every element of the array, but is there a way to call my user-defined function on each element?

I can post code if that would help.

Cheers,

Robin