Subject: Re: idl variable naming
Posted by greg michael on Wed, 17 May 2006 10:22:25 GMT
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How big are your images?

Subject: Re: idl variable naming
Posted by greg michael on Wed, 17 May 2006 11:57:07 GMT
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Because if you can hold a fltrarr(nrows,ncols,50) in memory, I'd
suggest you accumulate your values there first, then take the median.

regards,
Greg

Subject: Re: idl variable naming
Posted by gareth.j.roberts@kcl. on Wed, 17 May 2006 12:42:06 GMT
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Thanks for your response Greg.

The images are 2319*2477 float arrays, although perhaps only half the
image pixels contain data. I have an image of the mean value for each
pixel (after looping over all the input images) so I know beforehand
which pixels in the output (median) image will contain a value.

You are quite right. Perhaps I could store the index of each pixel in
the image which has a value and then store all the values associated
with each pixel which will have a value

eg   fltarr(51, all pixels which will have a value)
where 50 cols are for storing the values (50 is the max a pixel
contains) and 1 col for storing the index - calculate the median and
then fill in the output image using the index values.

I will give it a go - thanks