Subject: Re: Finding the median of a set of images
Posted by David Foster on Thu, 18 Apr 1996 07:00:00 GMT
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Dyer Lytle <dlytle@as.arizona.edu> wrote:
>
> Hello all,
>
> Does anyone have an algorithm for finding the median at each pixel
> position for a set of equal size 2-D images? Currently the only way
> I have to do this is to extract all the values for a given pixel
> position into a 1-D array and find the median on that.

This sounds like a good candidate for using CALL_EXTERNAL to
call a routine coded in C or Fortran! If someone can think
of an array-based way to do this in IDL I would be very
impressed.

If you are unfamiliar with using CALL_EXTERNAL zap me an
email and I'll send you some sample code using C routines.
The manual also has some examples, in the Advanced Development
Guide (RSI will send you one [free!] by request only).

Sorry this isn't what you wanted to hear.

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