Subject: Re: How to scale image in idl?
Posted by David Foster on Wed, 15 May 1996 07:00:00 GMT

peter@hpl.hp.com (Peter Webb) wrote:
>
> Watcher (dliu@cs.tufts.edu) wrote:
> : I've used tv and tvscl to display the image, however it is too honest to
> : the size of the image itself. Is there a way to scale the image so that
> : it fits the display window?
>
> Use CONGRID to interpolate the image matrix to the window size.

You can also use EXPAND to change the size of an image. It's similar
to CONGRID and I don't know which one is faster. They have slightly
different options available.

If the window size is an integer multiple of the image size
then use the REBIN function as it is significantly faster,
especially for large images.

Dave Foster
UCSD Brain Image Analysis Lab
foster@bial1.ucsd.edu