
Subject: Re: Displaying thicker lines on an image
Posted by [wlandsman](#) on Tue, 24 May 2011 14:59:19 GMT
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Thanks David and Bringfried,

Both dilation with a cross and Gaussian smoothing work fine, though the dilation is definitely quicker.

Incidentally, I tried out the new GAUSS_SMOOTH() function introduced in IDL 8.1. (It simply computes a Gaussian kernel and applies the CONVOL function.) I was annoyed to discover that it does nothing to integer images, though no warning is given. The reason is that the kernel data type is forced to match that of the image, and the Gaussian kernel is created with a peak value of 1, so all other kernel pixels are truncated to zero.

Instead, GAUSS_SMOOTH() should convert the input integer data to float, apply the smoothing, and then round back to integer. --Wayne
