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Subject: Technique to find maximum in 100x100 element moving box

Posted by [sam.tushaus](#) on Wed, 12 Oct 2016 21:23:20 GMT

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I have a 3200x3248 array (satellite swath), and I would like to find the maximum value in a 100x100 element moving box. It's exactly like using smooth or convol to find the mean in a 100x100 element moving box, but I need the max. Right now I have it hard-coded with FOR loops to take into account the edges, but it's veeeeery slow.

Does anyone have any advice on how to speed this up using IDL functions (rebin, histogram, anything of that sort)?

Thanks for your time!

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