
Subject: Re: Technique to find maximum in 100x100 element moving box
Posted by [sam.tushaus](#) on Wed, 12 Oct 2016 21:26:15 GMT
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For reference, this is my current code in which I essentially use a truncated edge method.

```
FOR i = 0, nx-1 DO BEGIN
  FOR j = 0, ny-1 DO BEGIN
    IF (i-50) LT 0 THEN low_ind_i = 0 ELSE low_ind_i = i-50
    IF (j-50) LT 0 THEN low_ind_j = 0 ELSE low_ind_j = j-50
    IF (i+50) GT (nx-1) THEN hi_ind_i = nx-1 ELSE hi_ind_i = i+50
    IF (j+50) GT (ny-1) THEN hi_ind_j = ny-1 ELSE hi_ind_j = j+50
    data_max[i,j] = max(data[low_ind_i:hi_ind_i,low_ind_j:hi_ind_j])
  ENDFOR
ENDFOR
```
