
Subject: Maximum Intensity without FOR Loop
Posted by [stef](#) on Tue, 11 May 2004 19:13:06 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi there

a lot of posts talk about the necessity to avoid FOR loops ('if you use for loops, make sure a lot of stuff is happening in there...'). However, I can't seem to find a better & working solution for the following code fragment:

```
FOR i=0,x_resolution-1 DO BEGIN
  FOR j=0,y_resolution-1 DO BEGIN
    reformat_data[i,j,k]=MAX(data[i,j,lower_limit:upper_limit])
  ENDFOR
ENDFOR
```

Background: data is a image stack (MRI 3D Data), we would like to find the MIP (Maximum Intesity Projection) over a certain number of images. The current solution is too slow, and a better solution highly appreciated!
Algorithm-Freaks? Anyone?

Thanks for your help,
Stefan
