
Subject: Speed Improvement

Posted by [Rony K Varghese](#) on Tue, 25 Jan 2011 09:24:22 GMT

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Dear All,

How can i improve the speed of below IDL source through code optimizing..Now the performance is not satisfactory..

```
;Processing a picture
for sCount = 0, 9 do begin
    for sRow = UpperRow, LowerRow do begin
        for sCol = sLeftCol, sRightCol do begin
            ; Check whether high pixels.
            if E_F_ATTMAP_HIGH_PIXEL eq PixelArr[sCol, sRow] then
begin
                sXCol = sCol
                sYRow = sRow
            endif
            ; from the center to the left
            for sIndex = 0, sHalfWid do begin
                if HIGH_PIXEL eq vTemp[sXCol - sIndex, sYRow] then
begin
                    PixelArr[sXCol - sIndex, sYRow] = HIGH_PIXEL
                endif else begin
                    break ; break from for sIndex
                endelse
            endfor
            ; from the center to the right
            for sIndex = 0, sHalfWid do begin
                if HIGH_PIXEL eq vTemp[sXCol + sIndex, sYRow] then
begin
                    PixelArr[sXCol + sIndex, sYRow] = HIGH_PIXEL
                endif else begin
                    break ; break from for sIndex
                endelse
            endfor
            ; from the center to down
            for sIndex = 0, sHalfHght do begin
                if HIGH_PIXEL eq vTemp[sXCol, sYRow+ sIndex] then
begin
                    PixelArr[sXCol, sYRow+ sIndex] = HIGH_PIXEL
                endif else begin
                    break ; break from for sIndex
                endelse
            endfor
            ; from the center to up
            for sIndex = 0, sHalfHght do begin
```

```
        if HIGH_PIXEL eq vTemp[sXCol, sYRow - sIndex] then
begin
    PixelArr[sXCol, sYRow - sIndex] = HIGH_PIXEL
endif else begin
    break ; break from for sIndex
endelse
endfor
endfor; end for sCol
endfor; end for sRow
endfor;end for sCount
```

Thanks in advance..

Rony
