
Subject: Re: Speed Improvement

Posted by [Jeremy Bailin](#) on Tue, 25 Jan 2011 12:59:24 GMT

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On Jan 25, 4:24 am, Rony K Varghese <ronykvargh...@gmail.com> wrote:

```
> 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_ATTNMAP_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
```

It might help if you could get a sketch of what this is supposed to do.

-Jeremy.
