

---

Subject: Re: write more efficient for loop  
Posted by [g.nacarts](#) on Fri, 07 Aug 2015 19:39:15 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I tried to understand what you suggested but it doesn't make a lot of sense to me.

I found in the link below that by exchanging the two FOR loops the computation time can be reduced

<http://www.exelisvis.com/Support/HelpArticlesDetail/TabId/219/ArtMID/900/ArticleID/1799/1799.aspx>

I tried it but doesn't reduce at all. Maybe I did a mistake or I didn't understand well?

N = 215L

Image\_2 = make\_array(N,N,/double)

```
for j=0L, N-1 do begin
  for i=0L, N-1 do begin
    x = round(i + A[i, j])
    y = round(j + B[i, j])
    if (x ge 0) && (y ge 0) then begin
      Image_2[i,j] = Image_1[x, y]
    endif
  endfor
endfor
```

---