
Subject: Accelerating "for "loops
Posted by [Regine](#) on Thu, 14 Oct 2010 13:31:08 GMT
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Hello,

I need to know if there's a way to make this code go faster as I am using very large arrays.

the code is :

```
nTab=15296820
```

```
n_Tag1=5925470
```

```
n_Tag2= 2478581
```

```
n_Tag3=6892766
```

```
FinalTable=make_array(nTab)
```

;Indice_tag1, Indice_tag2 and Indice_Tag3 are arrays of size n_Tag1, n_Tag2 and n_Tag3 respectively

```
for i=0L,nTab-1 do begin
  for j=0L,n_Tag1-1 do begin
    for k=0L,n_tag2-1 do begin
      for l=0L,n_tag3-1 do begin
        if i eq Indice_Tag1[j] then begin
          FinalTable[i]=Tag1[j]
        Endif
        if i eq Indice_tag2[k] then begin
          FinalTable[i]=tag2[k]
        endif
        if i eq Indice_tag3[l] then begin
          FinalTable[i]=tag3[l]
        endif
      endfor
    endfor
  endfor
endfor
```

END

Thank you in advance for any help that you can provide,

Cheers,
