Subject: Re: "infinite" nested for
Posted by Chrisss on Mon, 25 Nov 2013 10:24:43 GMT
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evil? oh no!!! :-(
this is for-loop:

```
for i=0, dx-1 do begin
 for j=0,dy-1 do begin
  y=reform (Im[i,j,*],N_ELEMENTS(x)))
  fitErrors=FLTARR(N_ELEMENTS(x))
  T1values=FLTARR(N_ELEMENTS(x))
  S0values=FLTARR(N_ELEMENTS(x))
  fvalues=FLTARR(N_ELEMENTS(x))
  for t=0,N_ELEMENTS(x)-1 do begin
   T0=t
   yCurr=y
   if (t ne 0) then yCurr[0:T0]=-y[0:To]
   A=mpfitfun('myfunct', x,yCurr, ERR, PARINFO=parinfo, WEIGHTS=w, YFIT=yfit, $
BESTNORM=error, /QUIET )
   fitErrors[t]=error
   T1values[t]=A[0]
   S0values[t]=A[1]
   fvalues[t]=A[2]
  endfor
  min=MIN(fitErrors,idmin)
  T1=T1values[idmin]
  f=fvalues[idmin]
  S0=S0values[idmin]
  yfit=myfunct(x,[S0,f,T1])
  plot,x,y
  oplot,x,yfit
  oplot,x,abs(yfit)
  wait,1
  T1map[i,j]=T1
 endfor
endfor
```

where x=t;t=t*(findgen(60)+1) dx=dy=256, Im is a 256x256x60 matrix
cheers,
MC