
Subject: Re: "infinite" nested for
Posted by [Chriss](#) 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 (lm[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:T0]
      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*(findgen(60)+1) dx=dy=256, lm is a 256x256x60 matrix
cheers,
MC
