

```
; *** save_for_IDL_2dtv_bar.pro *** Ling-Hsiao Lyu 04/22/2009

fn0x='X111.dat'
fn0y='Y111.dat'
;
fn00='Jz'
;fn00='Ez'
;fn00='By'
;
fn0f=fn00+'00.dat'
;
ncx=1L & ncy=1L & ncxy=1L
;
openr,1,fn0x,/f77_unformatted
readu,1,time,ncx
close,1
openr,1,fn0y,/f77_unformatted
readu,1,time,ncy
close,1
print,'ncx,ncy:',ncx,ncy
;
lx=fix(ncx)
ly=fix(ncy)
ax=fltarr(lx,/nozero)
ay=fltarr(ly,/nozero)
data=fltarr(lx,ly,/nozero)
;
openr,1,fn0x,/f77_unformatted
readu,1,time,ncx,ax
close,1
openr,1,fn0y,/f77_unformatted
readu,1,time,ncy,ay
close,1
openr,1,fn0f,/f77_unformatted
for i=0,150 do readu,1,time,ncxy,data
print,time
close,1
save,time,lx,ly,ax,ay,data,fn0f,filename=fn00+'2D.save'
```