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Subject: Re: How do I change time on a dataset

Posted by [Jeremy Bailin](#) on Thu, 04 Aug 2011 20:50:23 GMT

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On 8/4/11 3:12 PM, Ahmed Salahuddin wrote:

> Hi IDL Group,  
>  
> It would be greatly appreciated if someone out there can help me on  
> how to shift 1 year forward in time. Here is the details.  
> Here is what I have from the file of  
> hadam3p\_pnw\_zes\_1999\_1\_006983552\_0\_1 Folder  
> zezsga.pdj9dec.pnw.nc  
> zezsga.pdk0jan.pnw.nc  
> zezsga.pdk0feb.pnw.nc  
> zezsga.pdk0mar.pnw.nc  
> zezsga.pdk0apr.pnw.nc  
> zezsga.pdk0may.pnw.nc  
> zezsga.pdk0jun.pnw.nc  
> zezsga.pdk0jul.pnw.nc  
> zezsga.pdk0aug.pnw.nc  
> zezsga.pdk0sep.pnw.nc  
> zezsga.pdk0oct.pnw.nc  
> zezsga.pdk0nov.pnw.nc  
>  
> From the above file structure it means only the first file  
> (zezsga.pdj9dec.pnw.nc) for dec of 1999 and the remaining files for  
> 2000.  
>  
> Originally, our understanding of the file structure is as follows  
> dec1998  
> jan1999  
> feb1999  
> mar1999  
> apr1999  
> may1999  
> jun1999  
> jul1999  
> aug1999  
> sep1999  
> oct1999  
> nov1999  
>  
> Thus, the dates are shifted by a full year in the original IDL program  
> and I need to have it be consistent. Where can I change this in the  
> idl program?  
>  
> for i=12,334 do begin ; I have 27 years starting from 1980  
>     if imo gt 11 then begin

```
> imo=0
> endif
> vararr=tavg(*,*,i) ; I calculated temp avg
> for iarea=0,nareas-1 do begin ; I have 8 areas
>   domain=c_area(iarea)
>   inarr=vararr(*,*)
>
>   regcpdn_area_avg,domain,WOCmask,WOMmask,WOEmask,WOImask,CAsk,
CVmask,WUSmask,WVmask,lon,lat,inarr,outval
>   obsarr(iyear,imo,iarea)=outval
>   if finite(outval) eq 0 then stop
>   endfor
>   print,1979+iyear,imo
>   if imo eq 0 then iyear=iyear+1
>   imo=imo+1
> endfor
>
> Regards,
> salahud
```

It's hard to tell how this code relates to the lists of years and months you have above. Maybe it has to do with the original definition of iyear (which must be above the code you quote) - should be 0 instead of 1, perhaps?

-Jeremy.

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