
Subject: Re: IDL NetCDF routines???

Posted by [krs](#) on Wed, 12 Oct 1994 15:08:23 GMT

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n9140397@fozzie.cc.wwwu.edu (Michael Hamilton) writes:

> Hello,

> I am wondering if anybody knows of a set of IDL routines which
> ingest and plot NetCDF files. I'm faced with writing them myself
> and wouldn't mind finding them already written. Specifically,
> something which will understand the axes built into the file
> and use them for labels/spacing in the plots, and maybe something
> which will take slabs out of the data easily...

> Please respond via email as well. Thanks,

> mike

> Scripps Institute of Oceanography
> Climate Research Division
> hamilton@mungu.ucsd.edu

You may want to take a look at the public domain Envision package developed at University of Illinois and Texas A & M. It is UNIX-based software that accesses netCDF files, selects subsets of a variable, and creates various displays using IDL. The displays provided are 1-D line graphs, 2-D contour plots, 3-D perspective surfaces, and georeferenced contour plots with map projects and continent outlines. It uses coordinate variable values on the axes as well. The Envision software has many other capabilities than mentioned here.

You can find out more about Envision by looking on the WWW at URL <http://www.atmos.uiuc.edu/envision/envision.html> or by anonymous FTP at [wx.atmos.uiuc.edu](ftp://wx.atmos.uiuc.edu) in the envision directory. I'm one of Envision's developers, so you can contact me as well.

Keith

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