
Subject: Re: Using .sav files outside of IDL
Posted by [Paul Van Delst\[1\]](#) on Tue, 29 May 2007 21:19:49 GMT
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skcllus@gmail.com wrote:

> Hello,
>
> I have two structures saved in an IDL .sav file. Do you guys know how
> I can import this data to MATLAB. When I try, it says that .sav file
> is a proprietary format. I have a few IDL procedures that play with
> the data, and I'd like to port them to MATLAB. If it's not possible,
> can you suggest how I should go about saving these structures to a
> format that MATLAB would be able to read (preferably I would like the
> form of the structures preserved so that I won't have to think up new
> code/logic). Should I write to a file? If so, what format should I
> use?

I use netCDF for transporting data (or my own home-grown "binary" format). For your case I would consider netCDF since both IDL and matlab have netCDF APIs so all you have to write is the IDL wrapper code that writes your IDL structure to netCDF, and matlab code that reads the netCDF file into a matlab structure.

Alternatively, you could see if IDL save files written in XDR format are readable in matlab.

cheers,

paulv

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Paul van Delst Ride lots.
CIMSS @ NOAA/NCEP/EMC Eddy Merckx
