Subject: reading .mat files in IDL
Posted by Ulan on Thu, 05 Oct 2006 10:30:43 GMT

Dear all,

Recently I had to tranfer some time series plots from Matlab (.mat
files) into IDL. I have used IDL's "Binary Import" macro and had a few
problems. I thought, the problems were due to the data type
miscommunication: when the double data type in Matlab was imported as
double into IDL the data range was somewhat different (looked rather
streched like in BYTSCL command). I have expieremented with other data
types in Matlab (int8, int16, int32) but then IDL's binary template
complaint of improper data sizes. Finally, I had to make 2D array of my
time-series in Matlab, copy array cells into Notepad and save it as an
ASCII. I guess it is not the proper way of transfering data and most
likely I'll face the same problem when transfering larger 2D or 3D
data... I searched the forum for the same topics but couldn't find an
answer. Also a link on one site of 'reading .mat files into IDL' was
broken. So, if anybody had expierence ...

Regards,
Ulan