
Subject: Re: Can IDL and MATLAB run together??
Posted by [btupper](#) on Wed, 11 Sep 2002 14:34:03 GMT
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On Wed, 11 Sep 2002 11:37:15 +0200, "Brian Huether"
<b_huether@yahoo.com> wrote:

> I have much expertise with MATLAB but am now working at an organization that
> uses IDL. Instead of recreating much of my MATLAB work, is there a way that
> I can have IDL scripts launch MATLAB scripts (and vice versa) and then have
> data sharing amongst them? I suppose this probably is not feasible, huh?
>
> If this isn't possible, can anyone suggest anything or should I simply
> abandon hopes of continuing with MATLAB. Man I will miss the powerful array
> operators in MATLAB as well its cell arrays, etc...
>

Hello,

I don't know diddle about how IDL and MatLab might work together - but
I suspect anything is possible.

Sharing data? If you mean sharing data via files, then you do have
some options... like the myriad netCDF, HDF, CDF etc. You might also
look at the GEN_Read and Gen_Write routines that a number of people
have worked on. These have worked for our purpose of shoving data
between the two applications. These routines are not as generic as
their names imply (at least not yet - modifications, improvements
welcome!) They do seem to handle the row/column major swapping pretty
well which is the trickiest part. (GEN_routines are located at
www.tidewater.net/~pemaquid)

Ben
