Subject: IDL routine to read MATLAB MAT-files
Posted by Gordon Farquharson on Tue, 22 Mar 2011 23:09:28 GMT
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Hi All

I've written an IDL routine to read MATLAB MAT-files. I thought that
this routine may be useful to others on this list, so I've made the
code available at GitHub:

https://github.com/gordonfarquharson/idl-load-mat

The routine is by no means complete: for instance, there are several
variable types that it does not support. However, the code is written
in such a way that it should be easy to extend. Note that the routine
does not read the newer HDF5 format MAT-files (see the README file for
more information).

If you find problems with the code, please use the tools at GitHub to
let me know about it. I don't have a huge amount of time to work on
this routine, but I'll see what I can do. Also, if you do extend the
program to support a new type, it would be great if you could let me
know so that we can incorporate your improvements.

You can checkout a copy of the code using git, or f you are not git-
savvy, GitHub allows you to download the code as a compressed tar file
or as a ZIP file.

Gordon

Subject: Re: IDL routine to read MATLAB MAT-files
Posted by Gordon Farquharson on Fri, 25 Mar 2011 23:03:48 GMT
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On Mar 24, 9:45 pm, Gordon Farquharson <gordonfarquhar...@gmail.com>
wrote:

> I'm now working on support for MAT-files written on big endian
> machines. I have an initial version working, but want to test it a
> little more before releasing it. As some stage, once I become more
> comfortable with git, I'll be able to make development releases
> available through GitHub, I'm still learning git at the moment.

My development branch is now available on GitHub. It contains a
version of the code that supports endian swapping. With this code, one
should be able to read big-endian MAT-files (written using a big-
endian machine) on a little-endian machine (tested), and visa versa (I

am not able to test reading little-endian MAT-files on a big endian machine).

Gordon

>
>
> "Gordon Farquharson" wrote in message
> news:5abf58c3-4af0-4f05-b9da-4142ebba8d97@b13g2000prf.google groups.com...
>
> Hi All
>
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> this routine may be useful to others on this list, so I've made the
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> You can checkout a copy of the code using git, or f you are not git-
> savvy, GitHub allows you to download the code as a compressed tar file
> or as a ZIP file.
>
> Gordon

Thanks Gordon,
I work with several Matlab folks, and this will probably turn out to be very useful for me.

cheers,
bob

Subject: Re: IDL routine to read MATLAB MAT-files
Posted by markb77 on Fri, 04 Dec 2015 13:32:17 GMT

fyi, I have updated the load_mat routine to handle compressed mat files. the updated code is now included with my public IDL library here:

http://www.github.com/superchromix/wmb_lib

Subject: Re: IDL routine to read MATLAB MAT-files
Posted by alghafisuct on Wed, 23 Dec 2015 10:49:06 GMT

On Friday, December 4, 2015 at 5:32:21 AM UTC-8, superchromix wrote:
> fyi, I have updated the load_mat routine to handle compressed mat files. the updated code is now included with my public IDL library here:
>
> http://www.github.com/superchromix/wmb_lib

So if I have .mat file I can convert it to IDL and get it work? Is that what you mean? I have .mat file and I want to use IDL and I'm not good in IDL just learning and I'm using Matlab

Thanks