
Subject: Re: MGlib IDL library

Posted by [Michael Galloy](#) on Tue, 19 Mar 2013 14:19:05 GMT

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On 3/19/13 3:10 am, superchromix wrote:

>

> I downloaded and started experimenting with Michael Galloy's MGLIB
> library yesterday, and I was impressed with some of the features. I
> wanted to give a heads-up to the list that this is out there, and
> contains a lot of useful tools. Not as extensively documented as
> David Fanning's library, but it looks quite powerful.

>

> In particular, the library routines for interacting with HDF5 files
> are very nice. It looks like there are a lot of visualization tools
> as well. Also routines for interfacing with Google Chart tools, and
> with Google Voice as well ?!?

>

> have a look:

>

> <https://github.com/mgalloy/mglib>

Thanks!

I think some of the more useful things in the library:

- * routines for pulling data out of with HDF5, netCDF, and HDF files
- * template class (used in IDLdoc) to substitute strings into a text file
- * various special purpose visualization routines for things like vector fields, producing POV-Ray output
- * an automatic bindings generator for producing an IDL DLM with wrappers around C routines

I will say that I have not "released" the library, it is just a collection of routines I personally use. So individual routines may not be as general as I intend for them to eventually be, but they solved a problem I needed at the time.

Mike

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Michael Galloy

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Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

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