
Subject: Re: GDL 0.8.6 is out
Posted by [maarten](#) on Mon, 22 Nov 2004 10:44:49 GMT
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what does this mean?

Marc Schellens wrote:

- > GDL - GNU Data Language, an IDL 6.0 compatible incremental compiler.
- > Version: 0.8.6
- >
- > NEWS:
- > Very fast CONVOL function.
- > Logging of complete GDL sessions with the JOURNAL procedure (thanks to
- > Christopher Lee).
- >
- >
- > GDL FEATURES:
- >
- > *FULL* syntax compatibility with IDL 6.0
- >
- > *ALL* IDL language elements are supported, including:
- > _EXTRA, _REF_EXTRA and _STRICT_EXTRA keywords,
- > Objects, Pointers, Structs,
- > Common blocks, Assoc variables,
- > Arrays, System variables,
- > All operators, All data types...
- >
- > Compiles on Linux and Mac OS X (10.2, 10.3, with g++ 3.3)
- >
- > The file input output system is fully implemented
- > (Exception: For formatted I/O the C() sub-codes are not supported yet)
- >
- > Most image file formats (jpeg, tiff, ...) are supported.
- >
- > netCDF files are fully supported.
- > HDF file support.
- > Basic HDF5 file support.
- > READFITS and WRITEFITS from the IDL-Astrolib are working.
- >
- > More than 220 library routines are implemented (among them the
- > EXECUTE function). For a list enter HELP,/LIB at the command prompt.
- >
- > Graphical output is partially implemented. The PLOT and TV commands
- > (along with
- > WINDOW, WDELETE, SET_PLOT, WSET, TVLCT) works (important keywords,
- > some !P system variable tags and multi-plots are supported)
- > for X windows and postscript output.

>
> A GUI (widgets) is not implemented yet.
>
>
> HOMEPAGE:
>
> <http://gnudatalanguage.sourceforge.net>
>
>
> DOWNLOAD:
>
> <http://sourceforge.net/projects/gnudatalanguage/>
>
> Gaurav Khanna provides binaries for Mac OS X on his HPC page:
> <http://hpc.sourceforge.net>
>
>
> Check it out!
>
> marc
>
