
Subject: Announcing GDL 0.8, now with netCDF support
Posted by [marc schellens\[1\]](#) on Tue, 04 May 2004 06:36:24 GMT
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GDL - GNU Data Language, an IDL 6.0 compatible incremental compiler.
Version: 0.8

The netCDF file format is now fully supported (thanks to Christopher Lee).

Several library functions were added.

Along with some necessary internal changes to the compiler/interpreter several bugs were fixed, output (formatted and unformatted) has improved. See the ChangeLog file for details.

The installation procedure is now more straight forward (thanks to Craig Markwardt). Please see the README file for more details and installation instructions.

I also set up a simple
HOMEPAGE:

<http://gnudatalanguage.sourceforge.net>

DOWNLOAD:

<http://sourceforge.net/projects/gnudatalanguage>

For those who haven't heard of GDL before:
FEATURES:

Full syntax compatibility with IDL 6.0

All(!) IDL language elements are supported, including:

Pointers, Objects, Structs,
Arrays, System variables,
Common blocks, Assoc variables,
All operators, All data types,
_EXTRA and _REF_EXTRA keywords...

The file input output system is fully implemented
(Exception: For formatted I/O the C() sub-codes are not supported yet)

netCDF files are fully supported.

Overall more than 120 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 command (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.

GUI (widgets) are not implemented yet.

Check it out!

marc
