Subject: Announcing GDL 0.8.2, now also for Mac OS X Posted by marc schellens[1] on Mon, 31 May 2004 09:04:47 GMT View Forum Message <> Reply to Message

GDL - GNU Data Language, an IDL 6.0 compatible incremental compiler.

Version: 0.8.2

now GDL compiles "out of the box" on Mac OS X (10.3, with g++ 3.3).

Several image file formats (jpeg, tiff, ...) are supported. Partial support for HDF is now included.

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

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, EXRA 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 150 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.

A GUI (widgets) is not implemeted yet.

Check it out!

marc