
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
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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.

HOME PAGE:

<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,
_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 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 implemented yet.

Check it out!

marc
