Subject: Re: Announcing GDL 0.7, now with PLOT command
Posted by Karthik on Thu, 04 Mar 2004 19:07:53 GMT
View Forum Message <> Reply to Message

I have some difficulty in installing GDL.

Debian system. gcc version 3.3.3 (Debian)
[karthik] ~/gdl-0.7> uname -a
Linux physics 2.4.22-1-686 #6 Sat Oct 4 14:09:08 EST 2003 i686 GNU/Linux

Here is the error message:
physics:/home/karthik/gdl-0.7# make
make all-recursive
make[1]: Entering directory `/home/karthik/gdl-0.7'
Making all in gdl
make[2]: Entering directory `/home/karthik/gdl-0.7/gdl'
Making all in antlr
make[3]: Entering directory `/home/karthik/gdl-0.7/gdl/antlr'
make[3]: Nothing to be done for `all'.
make[3]: Leaving directory `/home/karthik/gdl-0.7/gdl/antlr'
make[3]: Entering directory `/home/karthik/gdl-0.7/gdl'
g++ -DHAVE_CONFIG_H -I. -I. -I..   -O2 -fno-check-new -c gsl_fun.cpp
gsl_fun.cpp:25:25: gsl/gsl_sys.h: No such file or directory
gsl_fun.cpp:26:28: gsl/gsl_linalg.h: No such file or directory
gsl_fun.cpp: In function `BaseGDL* lib::invert_fun(EnvT*)':
gsl_fun.cpp:62: error: `gsl_matrix_complex' undeclared (first use this
   function)
gsl_fun.cpp:62: error: (Each undeclared identifier is reported only once for
   each function it appears in.)
gsl_fun.cpp:62: error: `mat' undeclared (first use this function)
gsl_fun.cpp:62: error: `gsl_matrix_complex_alloc' undeclared (first use this
   function)
gsl_fun.cpp:63: error: `inverse' undeclared (first use this function)
gsl_fun.cpp:63: error: `gsl_matrix_complex_calloc' undeclared (first use
this
   function)

Marc Schellens wrote:
> GDL - GNU Data Language, an IDL 6.0 compatible incremental compiler.
> Version: 0.7
>
> Now supporting graphics (PLOT command for X windows and postscript -
> multi plots are supported as well). Check it out. It's amazing how
> similar the results look.
>
>
> DOWNLOAD:

>
> http://sourceforge.net/projects/gnudatalanguage/
>
>
> 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,
> _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)
>
> Graphical output is partially implemented. The PLOT command (along with
> WINDOW, WDELETE, SET_PLOT, WSET) works (important keywords, some !P
> system variable tags and multi-plots are supported)
> for X windows and postscript output.
>
> So far only some library routines are implemented (among them the
> EXECUTE function). For a list enter HELP,/LIB at the command prompt.
>
> GUI (widgets) are not implemeted yet.
>
> Please see the README file for more details.
>
>
> Check it out!
>
> marc
>
