
Subject: GDL installation for Ubuntu Linux
Posted by [rmw092001](#) on Thu, 03 Nov 2005 12:45:40 GMT
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some information for compiling GDL0.8.11 Gnu Data Language on
Ubuntu Linux (Debian).

system is Kubuntu (Ubuntu with KDE desktop, 'hoary')

for GDL libraries, plplot, gsl, readline etc., there are precompiled
.deb files at e.g. <http://packages.ubuntu.com>, install with 'dpkg'.

compiling GDL also needs many 'development files',
[filename]-dev.deb and [filename].deb for all libraries,
e.g. xlibs-dev_6.8.2-10.1_all.deb and xlibs_6.8.2-10.1_all.deb

file libplplotcxxd.so.9.1.0 is missing, it can be
installed from libplplot-c++9

it could also need symlinks, e.g.

sudo ln -s /usr/lib/libplplotcxxd.so.9.1.0 /usr/lib/libplplotcxxd.so
(maybe /usr/local/lib instead of /usr/lib)

list of library files

gsl-bin_1.5.90-1_i386.deb
libcsiro0_5.3.1-2_i386.deb
libg2c0_3.3.5-8ubuntu2_i386.deb
libgsl0_1.5.90-1_i386.deb
libltdl3_1.5.6-5_i386.deb
libncurses5_5.4-4_i386.deb
libplplot9_5.3.1-2_i386.deb
libqhull5_2003.1-1_i386.deb
libreadline5_5.0-7_i386.deb
plplot-bin_5.3.1-2_i386.deb

libbz2-1.0_1.0.2-2ubuntu0.2_i386.deb
libbz2-dev_1.0.2-2ubuntu0.2_i386.deb
libc6-dev_2.3.2.ds1-20ubuntu13_i386.deb
libcsiro0_5.3.1-2_i386.deb
libdps1_6.8.2-10.1_i386.deb
libdps-dev_6.8.2-10.1_i386.deb
libexif-dev_0.6.9-4ubuntu1_i386.deb
libexpat1_1.95.8-1_i386.deb
libexpat1-dev_1.95.8-1_i386.deb
libfreetype6-dev_2.1.7-2.3_i386.deb
libg2c0-dev_3.3.5-8ubuntu2_i386.deb
libgsl0-dev_1.5.90-1_i386.deb
libice6_6.8.2-10.1_i386.deb
libice-dev_6.8.2-10.1_i386.deb

libjasper-1.701-dev_1.701.0-2_i386.deb
libjpeg62-dev_6b-9_i386.deb
liblcms1-dev_1.13-1_i386.deb
libltdl3-dev_1.5.6-5_i386.deb
libmagick6_6.0.6.2-2.1ubuntu1.1_i386.deb
libmagick6-dev_6.0.6.2-2.1ubuntu1.1_i386.deb
libncurses5-dev_5.4-4_i386.deb
libplot-c++9_5.3.1-2_i386.deb..deb
libplot-dev_5.3.1-2_i386.deb
libpng12-dev_1.2.8rel-1_i386.deb
libqhull-dev_2003.1-1_i386.deb
libreadline5-dev_5.0-7_i386.deb
libsm6_6.8.2-10.1_i386.deb
libsm-dev_6.8.2-10.1_i386.deb
libtiff4-dev_3.6.1-5ubuntu0.2_i386.deb
libwmf-dev_0.2.8-1.1_i386.deb
libx11-6_6.8.2-10.1_i386.deb
libx11-dev_6.8.2-10.1_i386.deb
libxau6_6.8.2-10.1_i386.deb
libxau-dev_6.8.2-10.1_i386.deb
libxext6_6.8.2-10.1_i386.deb
libxext-dev_6.8.2-10.1_i386.deb
libxi6_6.8.2-10.1_i386.deb
libxi-dev_6.8.2-10.1_i386.deb..deb
libxkbfile1_6.8.2-10.1_i386.deb
libxkbfile-dev_6.8.2-10.1_i386.deb..deb
libxml2-dev_2.6.17-0ubuntu1_i386.deb
libxmu6_6.8.2-10.1_i386.deb
libxmu-dev_6.8.2-10.1_i386.deb
libxmuu1_6.8.2-10.1_i386.deb
libxmuu-dev_6.8.2-10.1_i386.deb
libxp6_6.8.2-10.1_i386.deb
libxp-dev_6.8.2-10.1_i386.deb
libxpm4_6.8.2-10.1_i386.deb
libxpm-dev_6.8.2-10.1_i386.deb
libxrandr2_6.8.2-10.1_i386.deb
libxrandr-dev_6.8.2-10.1_i386.deb
libxrender1_0.9.0-0ubuntu4_i386.deb
libxrender-dev_0.9.0-0ubuntu4_i386.deb
libxt6_6.8.2-10.1_i386.deb
libxt-dev_6.8.2-10.1_i386.deb
libxtrap6_6.8.2-10.1_i386.deb
libxtrap-dev_6.8.2-10.1_i386.deb
libxtst6_6.8.2-10.1_i386.deb
libxtst-dev_6.8.2-10.1_i386.deb
libxv1_6.8.2-10.1_i386.deb
libxv-dev_6.8.2-10.1_i386.deb
linux-kernel-headers_2.5.999-test7-bk-17_i386.deb

pm-dev_6.8.2-10.1_all.deb
render-dev_0.9-0ubuntu1_all.deb
x-dev_6.8.2-10.1_all.deb
xlibs-dev_6.8.2-10.1_all.deb
xlibs-static-dev_6.8.2-10.1_i386.deb
zlib1g-dev_1.2.2-4ubuntu1.2_i386.deb

(list includes e.g. ImageMagick files,
doesn't include some files maybe already installed,
also there are probably newer copies of files)

this is for ./configure --with-hdf=no --with-hdf5=no --with-Magick=no

then 'make' to compile GDL...
