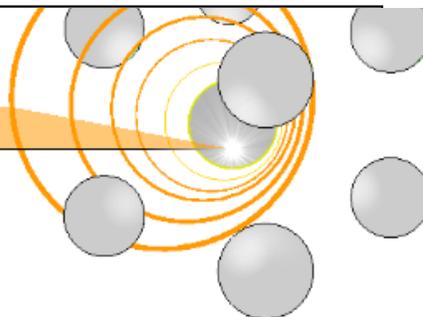


XAS LAB

X-ray Absorption Spectroscopy Laboratory - University of Camerino



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GNXAS

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Teaching

Photo

Links

Search

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Install g77 libraries on Ubuntu

A package for installing g77 on Ubuntu (> 8.10)

by Marco Minicucci (2 Sept. 2009)

Procedure:

- download the package [g77_pack.tar](#) in a suitable folder.
- unpack the tar archive:
`tar -xvf g77_pack.tar`
- the generated directory will contain the following files:
 cpp-3.4_3.4.6-6ubuntu3_i386.deb
 g77-3.4_3.4.6-6ubuntu3_i386.deb
 gcc-3.4_3.4.6-6ubuntu3_i386.deb
 gcc-3.4-base_3.4.6-6ubuntu3_i386.deb
 libg2c0_3.4.6-6ubuntu3_i386.deb
 libg2c0-dev_3.4.6-6ubuntu3_i386.deb
 install.sh
- install the g77 package using the following command:
`sudo apt-get install ./install.sh`

Installing GNXAS on Intrepid Ibex and latest Ubuntu distribution (worked for Kubuntu 4.1)

by Olivier Dargaud (21 Feb. 2009)

Prior to installation

GNXAS needs libraries provided by g77 (a fortran compiler) to run. If you installed GNXAS and it refuses to work, you can check this typing "ldd nameview" in a terminal (you'll have moved to the gnxas directory before...). In particular, for nameview, libg2c.so.0 could be missing. The solution is to install g77 and its libraries. Newest distributions of ubuntu embed gcc 4.0 and later as compiler/linker, but unfortunately g77 isn't anymore supported since gcc 3.4 : you'll have to install this "old" version on your computer in order to run GNXAS.

The solution I used was to manually add old archives in my "Adept" selection package sources (the add/remove utility under kubuntu). To do so, open adept in root mode; (type "kdesudo adept" in in command line window). Then go to the source tab and click on "Edit

Software Sources". It opens a new window; go to the "Third Party Software" tab and add 4 new locations with "add":

- deb <http://hu.archive.ubuntu.com/ubuntu/> hardy universe
- deb-src <http://hu.archive.ubuntu.com/ubuntu/> hardy universe
- deb <http://hu.archive.ubuntu.com/ubuntu/> hardy-updates universe
- deb-src <http://hu.archive.ubuntu.com/ubuntu/> hardy-updates universe

Do not forget to update the list (wether within the interface, or typing `sudo apt update` in a terminal); and now you should be ready to install G77 and its libraries. Seek for gcc-g77 package within a terminal typing "`sudo apt-get install gcc-g77`". It'll guide you through the installation process don't worry. Once done you can follow the normal installation steps for the GNXAS paquage. (Those informations were found at <http://ubuntuforums.org/showpost.php?p=6160836&postcount=14>). Check eventually if installation were corect by typing `ldd nameview` in the gnxa directory and see if `libg2.so.0` is present.

Alternatively

[Another similar approach suggested by Paolo Centomo](#)

Now you can start the GNXAS installation

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URL: http://gnxas.unicam.it/XASLABwww/pag_gnxas/gnxas_install_g77lib.html

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