GND version 1.0 is now available for download. Please try it out and let us know what you think!

- To **download** the code from gForge, go to https://ndclx4.bnl.gov/gf/project/gnd/frs/. Choose the 'GND-v1.0' package

- You can also **download** the code from LLNL's ftp server:
    >ftp gdo-nuclear.ucllnl.org
    username: anonymous
    password: your email address
    >cd pub
    >get gnd-1.0.tar.gz

- After downloading, **try it out**:
    >tar –xvf gnd-1.0.tar.gz   # creates new folder 'fudge-2.0'
    >cd fudge-2.0
    >make extensions   # if this fails, see the note below on extensions
    >python ./bin/rePrintSample.py
    'rePrintSample.py' selects a random ENDF file from the 'examples' folder, and converts it into the new format. It produces several files, including:
    test.endf6.xml   # the new GND-formatted file
    test.endf6-covar.xml   # GND-formatted covariances
    test.endf6   # the GND file translated back to ENDF
    If you run into errors when running 'rePrintSample', please make sure you're using a recent version of python, and if so, please let us know!

- Please also let us know if you encounter an error when building extensions. You will still be able to use the package to translate ENDF to the new format, but some features of Fudge will be unavailable.

- Requirements for installing and using the package:
    • For basic use, you only need a recent version of python (version 2.4 to 2.7). Python is likely already installed on your system, otherwise you can get it from www.python.org/download
    • For more advanced features including plotting, you will also need to install numpy and a plotting package (either matplotlib or gnuplot). These can be installed via a unix package manager, or from these sites:
        ▪ http://www.scipy.org/Download
        ▪ http://sourceforge.net/projects/matplotlib/files/matplotlib/matplotlib-1.1.0/
        ▪ http://www.gnuplot.info/

Contact mattoon1@llnl.gov and beck6@llnl.gov with any questions or comments! Thank you very much for your interest!