

GND version 1.0.1 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 'fudge-2.0.zip'

- After downloading, **try it out**:
 - >unzip fudge-2.0.zip # creates new folder 'fudge-2.0'
 - >cd fudge-2.0
 - >make # 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. If you wish to translate a specific ENDF file, instead do:
 - >python ./bin/rePrint.py <filename>.endfrePrintSample.py and rePrint.py produce several output 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 rePrint.py or rePrintSample.py, please make sure you're using Python version 2.5, 2.6 or 2.7. If you encounter troubles with these python versions, 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 2.5 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, we recommend using the free Enthought Python distribution: http://enthought.com/products/epd_free.php
This package includes Python along with extra tools for scientific computing and visualization.

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

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