PAn - Projection Analyzer

http://code.google.com/p/projection-analyzer/

Installation Instructions for Unix-based Platform

Required Packages

I - Libraries

1. ANSI C-compiler
2. GSL-1.15 or later <http://www.gnu.org/s/gsl/> [1]

[1] For Debian-based Linux OS 64-bit these libraries are already present in `lib/bin` folder.

II - Plot Projection

1. Python 2.6 or later <http://www.python.org/>
2. NumPy <http://numpy.scipy.org/> [2]
3. SciPy <http://www.scipy.org/> [2]
4. Matplotlib <http://matplotlib.sourceforge.net/> [2]
5. PyLab <http://www.scipy.org/PyLab> [2]

[2] For Debian-based Linux Distribution, for example, use:

```
apt-get install python-numpy python-scipy python-matplotlib
```

Installation Instructions

PAn follows the standard GNU installation procedure. To compile PAn you will need an ANSI C-compiler. After unpacking the distribution, rename the `Makefile.[mac|unix|windows]` to your suitable platform.

You can then build the library simply by typing,

```
make
```

The libraries will be compiled into the `/lib/bin` folder.

Notes

1) For compiling the command line tool for data handling, which allows to convert PEx to Weka (and Weka to PEx), rename the `Makefile.[mac|unix|windows]` archive present in `projects/pandconv`, then run `make` again, from this path.

2) The examples are also compiled in the same way, i.e. rename the `Makefile.[mac|unix|windows]` archive suitable to `Makefile`, and run `make`.

3) For visualizing the projection in Linux OS, the Python script `'pan_plotproj2d.py'` must have permission to execute as a program, you can do it simply running:

```
chmod +x pan_plotproj2d.py
```