Installation of GMT 4

New procedure that works for all OS versions

Download and install Homebrew

* Open a terminal and type : /usr/bin/ruby -e "$(curl -fsSL <https://raw.githubusercontent.com/Homebrew/install/master/install)>"

Install Homebrew and its dependencies

* Brew install homebrew/science/gmt4-4.5.15

This installation procedure was tested on Mac OS X Lion (10.7), Mac OS X Mountain Lion (10.8) and Mac OS X Yosemite (10.10).

Prerequiste

1. MacPorts. See svn/Takuvik/Teledetection/SOP/MacPorts/MacPorts.docx.

Procedure

1. Install GMT 4.
   1. $ sudo port install gmt4
   2. Add to your .bash\_profile the following line:

export PATH=.:/opt/local/lib/gmt4/bin:$PATH

* 1. Test GMT.
     1. $ grdcontour
     2. This should print the usage of the GMT command grdcontour on the terminal.
  2. $ sudo port install ImageMagick

1. (Optional) Install local documentation.
   1. Open a browser.
   2. Enter <file:///opt/local/lib/gmt4/share/doc/html/index.html>
   3. Bookmark.

If you experience difficulties to install GMT4 or GMT5 with Mac Port you can try the following alternative.

1. Follow this link : <http://gmt.soest.hawaii.edu/projects/gmt/wiki/Download>
2. Download the latest version of GMT
3. Copy the GMT file to your applications directory
4. Open a new terminal and edit the file .profile
5. add the following line :
   1. export PATH="/Applications/GMT5.2.1.app/Contents/Resources/bin:$PATH"