

AmapSim Installation under Linux

Every commands has to be run into a terminal window. If you go into trouble while installing send a mail to barczi@cirad.fr

1. fetching the repository
 - Ask for a user account to administrators du depot (coligny@cirad.fr ou sebastien.griffon@cirad.fr)
 - create a directory named amapsim and go into it.
 - svn checkout <https://amap-dev.cirad.fr/svn/amapsim/>thevitisnew --username tonutilisateur
passwd : tonmotdepasse
2. preparing for compiling
 - create a directory named bin into amapsim
 - go into it
 - installautoconf (sudo apt-get install autoconf)
 - run autoconf
 - run automake
 - install lcompiler g++ (sudo apt-get install g++)
 - install libxml library (sudo apt-get install libxml++2.6-dev)
 - run ./configure --prefix=/home/youruser/amapsim/bin
--bindir=/home/technicien/amapsim/bin --libdir=/home/youruser/amapsim/bin
 - run make
 - run make install
3. execution configuration
 - editle file ~/.bashrc
 - add two lines at end of the file :
export PATH=\$HOME/amapsim/bin:.\$PATH
export LD_LIBRARY_PATH=\$HOME/amapsim/bin:\$LD_LIBRARY_PATH
 - save file

Data Installation

1. fetching the repository
 - go into amapsim directory
 - svn checkout <https://amap-dev.cirad.fr/svn/amapsim/>AmapSimEnv --username tonutilisateur
passwd : tonmotdepasse

Tools Installation

WARNING: This installation was tested under Ubuntu 12.04. For further versions, qt3 libraries are no more provided.

In order to install of 13 or higher versions, you will have to previously compile and install qt3 (see paragraph 3)

1. fetching the repository
 - go into amapsim directory
 - svn checkout <https://amap-dev.cirad.fr/svn/amapsim/>AmapSimEdit --username tonutilisateur
passwd : tonmotdepasse
 - svn checkout <https://amap-dev.cirad.fr/svn/amapsim/>glance --username tonutilisateur
passwd : tonmotdepasse
 - svn checkout <https://amap-dev.cirad.fr/svn/amapsim/>prg --username tonutilisateur
passwd : tonmotdepasse
2. compiling
 - install qt3 (sudo apt-get install libqt3-mt-dev)
 - install libglut (sudo apt-get install freeglut3-dev)
 - go into prg directory, edit prg.pro file, adapt DESTDIR variable to point to ~/amapsim/bin
 - run qmake newprg.pro
 - run make
 - go into glance directory, edit glance.pro file, adapt DESTDIR variable to point to ~/amapsim/bin
 - run qmake glance.pro
 - go into libQGLViewer-1.2.6 directory
 - run qmake libQGLViewer-1.2.6.pro
 - run make
 - go back to glance directory and run make
 - go to AmapSimEdit directory , edit AmapSimEdit.profile, adapt DESTDIR and LIBPATH variables to point to ~/amapsim/bin
 - run qmake AmapSimEdit.pro
 - go to libQGLViewer-1.2.6 directory
 - run qmake libQGLViewer-1.2.6.pro
 - run make
 - go to edit directory
 - run qmake edit.pro
 - run make
 - go back to AmapSimEdit directory and run make
3. Installation de qt3
 - go into amapsim directory
 - svn checkout <https://amap-dev.cirad.fr/svn/amapsim/>qt3-x11-free-3.3.8b --username tonutilisateur
passwd : tonmotdepasse
 - go to qt3-x11-free-3.3.8b directory
 - run configure -platform linux-g++-64 -shared -thread -enable-opengl -prefix /usr/share/qt3
-headerdir /usr/include/qt3
 - N.B. for linux 32bits, remove -64 extension
 - run sudo make install.