

Rodent Cortical Thickness Analysis

Install Tutorial



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Download

- You can download the package on NITRC :
<http://www.nitrc.org/projects/rodentthickness>
- Extract the file with command : `tar -xvzf {name of package}`



Installation

- Ubuntu 12.10

Before using the executable, install the package :

```
sudo apt-get install libjpeg62-dbg
```



Package Linux vtk/python

- Python with vtk installed is included in the package.
- Setup the environment variables

Bash:

```
export
```

```
LD_LIBRARY_PATH={RodentThickness_package_v1.1-  
install_dir}/lib:${LD_LIBRARY_PATH}
```

Tcsh :

```
setenv LD_LIBRARY_PATH  
{RodentThickness_package_v1.1_with_vtk_and_python-  
install_dir}/lib:${LD_LIBRARY_PATH}
```

Necessaries Packages

- Python with vtk installed
- Rscript if you build statistics



Installation Python

- Python version : Python 2.6 or Python 2.7 with vtk installed
- Download python
 - Windows
www.python.org/ftp/python/2.7.5/python-2.7.5.msi
 - Mac
www.python.org/ftp/python/2.7.5/python-2.7.5-macosx10.6.dmg



Installation Python

- Linux
 - Python is already install for some Linux version
or
 - You can install the package python
or
 - You can download the source code :
www.python.org/ftp/python/2.7.5/Python-2.7.5.tgz



• Installation Rscript

- Linux : Rscript is included in the NITRC package or the superbuild if you build the source code
- Windows : Download

<http://cran.r-project.org/bin/windows/base/R-3.0.1-win.exe>

- MAC : Download

<http://cran.cs.wwu.edu/bin/macosx/R-3.0.1.pkg>



Running

- Run RodentThickness
./RodentThickness

