Ubuntu install of Fuerte

Installation

Setup your sources.list

Setup your computer to accept software from ros packages. ROS Fuerte does not support Maverick or Natty.

Ubuntu 11.10 (Oneiric)

• sudo sh -c 'echo "deb ftp://202.141.161.27/ros/ubuntu oneiric main" > /etc/apt/sources.list.d/ros-latest.list'

Ubuntu 12.04 (Precise)

• sudo sh -c 'echo "deb ftp://202.141.161.27/ros/ubuntu precise main" > /etc/apt/sources.list.d/ros-latest.list'

Set up your keys

• wget http://packages.ros.org/ros.key -O - | sudo apt-key add -

Make sure you have re-indexed the package :

• sudo apt-get update

There are many different libraries and tools in ROS. We provided four default configurations to get you started. You can also install ROS stacks individually.

• Desktop-Full Install: (Recommended): ROS, rx, rviz, robot-generic libraries, 2D/3D simulators, navigation and 2D/3D perception

• sudo apt-get install ros-fuerte-desktop-full

Environment setup

It's convenient if the ROS environment variables are automatically added to your bash session every time a new shell is launched:

echo "source /opt/ros/fuerte/setup.bash" >> ~/.bashrc
.
./.bashrc
If you have more than one ROS distribution installed, ~/.bashrc must only source the setup.bash for the version you are currently using.

If you just want to change the environment of your current shell, you can type:

```bash
source /opt/ros/fuerte/setup.bash
```