Installation of ROS Fuerte for the Turtlebot on a developer workstation

- use the Universal USB installer creator (or another method of your choosing) to build a Ubuntu 12.04 Desktop x64 installer USB key
- install Ubuntu 12.04 Desktop x64
  - install all updates to the system after initial installation but do not install other software
    - sudo apt-get update
    - sudo apt-get upgrade
- boot into the desktop
  - make sure you have network connectivity to the same network the turtlebot is on
  - install ROS fuerte
    - sudo sh -c 'echo "deb http://packages.ros.org/ros/ubuntu precise main" > /etc/apt/sources.list.d/ros-latest.list'
    - wget http://packages.ros.org/ros.key -O - | sudo apt-key add -
    - sudo apt-get update
    - sudo apt-get install ros-fuerte-desktop-full
    - sudo apt-get install ros-fuerte-turtlebot
    - sudo apt-get install ros-fuerte-turtlebot-apps
    - sudo apt-get install ros-fuerte-turtlebot-viz
    - echo "source /opt/ros/fuerte/setup.bash" >> ~/.bashrc
    - sudo apt-get install python-setuptools python-pip
    - sudo pip install -U rosinstall vcstools rosdep
    - sudo apt-get install chrony
    - sudo ntpdate ntp.ubuntu.com
    - echo export ROS_MASTER_URI=http://IP_OF_TURTLEBOT:11311 >> ~/.bashrc
      - remember to fill in the IP address (if fixed) or DNS name of the turtlebot
    - echo export ROS_HOSTNAME=IP_OF_WORKSTATION >> ~/.bashrc
      - remember to fill in the IP address (if fixed) or DNS name of the workstation you are installing on