

Install Additional PKGS from source

You need to download them into the local workspace

In the case when you want to find the dependencies of the package:

<http://wiki.ros.org/UsingPython3/BuildUsingPython3>

```
rosinstall_generator --upstream --deps --deps-only --rostdistro melodic {pkg name} > dependencies.rosinstall
vcs import --input dependencies.rosinstall ./src

# you can just use the dependencies.rosinstall and download them into your workspace

# install dependencies
sudo ./install_skip `rosdep check --from-paths src --ignore-src | grep python | grep -v wxtool | sed -e "s/^apt\t//g" | sed -z "s/\n/ /g" | sed -e "s/python/python3/g"`

# this checks that for python2 pkgs so we can ignore them
export IGNORE_PKGS=$(rosdep check --from-paths src --ignore-src | grep python | sed -e "s/^apt\t//g" | sed -z "s/\n/ /g")
# sometimes this fails to ignore one to two pkgs that were passed in the skip-keys
# make sure this does not try to install ros dependencies.
rosdep install --from-paths src --ignore-src -y --skip-keys="${IGNORE_PKGS}"

# build
catkin build
```