

- 1) \$ roscat pkg list | grep dead_reckoning
//roscpp – common ros handling
//nav_msgs – Odometry msg definition
//std_msgs – includes geometry_msgs - Twist msg definition
//tf – transformation frames & Quaternions
- 2) create files dead_reckoning.h & dead_reckoning.cpp
- 3) edit manifest.xml – write brief & description & author etc.
- 4) edit CMakeLists.txt – uncomment rosbuilt_add_executable... set 'example' names
- 5) put main function to cpp file
- 6) \$ cmake -G"Eclipse CDT4 - Unix Makefiles"
//create project for Eclipse IDE - more info (and instructions for other IDEs) - google: ros.org IDE
- 7) Import project following instructions from - google: ros.org IDE
- 8) WORK with code auto completion etc... :)