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# minhquocdo

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## Qt Gui and ROS

Tutorial of installing QT into ROS groovy

- install the ROS library : qt-creat, qt-build, qt-ros, libqt4v...

- Creating the catkin workspace by installing ros-catkin, and folder catkin_ws/src

- Use command catkin_init_workspace in the folder catkin_ws/src to initialize the workspace

- Active the ros by commanding :source /opt/ros/groovy/setup.bash

- In the src, to creat the qt ros package we use command : catkin_create_qt_pkg <packagename>

- there is the issue in here, the created package will be lost the package.xml, it is the error when of ROS server when we use linux command to install, to solve it , we dowload the qt-ros package and find the file package.xml in the folder qt_create/template/qt_ros, copy it into the /opt/ros/groovy/lib/python2.7/dist-packages/qt_create/template/qt_ros

- Build the package, log in the previous folder catkin_ws, use command: catkin_make

- We maybe meet the error when building, we continue copy the CATKIN_IGNORE file like the above fixing error step

This is the application to teleop the turtlebot using the QT GUI, the source code is showed in the youtube link



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