

# Capra ROS package

packages needed to be in the workspace:

**rtk-ros package:** [https://bitbucket.xrcs.jhuapl.edu/scm/rar/rtk\\_ros.git](https://bitbucket.xrcs.jhuapl.edu/scm/rar/rtk_ros.git)

in the ROS workspace:

```
# clone into the source directory of the catkin workspace
cd <catkin-workspace>/src

git clone https://gitlab.jhuapl.edu/apl-robotics/rtk/rtk_ros.git
cd rtk_ros
git checkout slamr01

cd ../
git clone https://gitlab.jhuapl.edu/apl-robotics/rtk/ugv/capra.git
cd capra
git checkout slamr01

cd ../
catkin build ugv_simulator ugv_mapper ugv_controller ugv_description ugv_goal ugv_estimator ugv_interface
ugv_rviz_plugins ugv_msgs rtk rtk_msgs rtk_utils
```