CS 378 - Autonomous Vehicles in Traffic I
Week 11b - ROS Nodelets
Today

- We'll go through an interactive tutorial on how to use ROS Nodelets, and try and convert one of our earlier examples to use Nodelets
Nodelets

- Nodelets are designed to run multiple algorithms in the same node, with zero copy copy costs of the data transferred between these algorithms.

- A single nodelet manager is functionally equivalent to a bunch of nodes running in a system, but without saturating your network bandwidth.
Links

- [http://www.ros.org/wiki/nodelet](http://www.ros.org/wiki/nodelet)

A nodelet tutorial package is available at:
- We'll use this for the first part of the demo today

Usage in our codebase
- [http://www.ros.org/wiki/velodyne_pointcloud](http://www.ros.org/wiki/velodyne_pointcloud)