

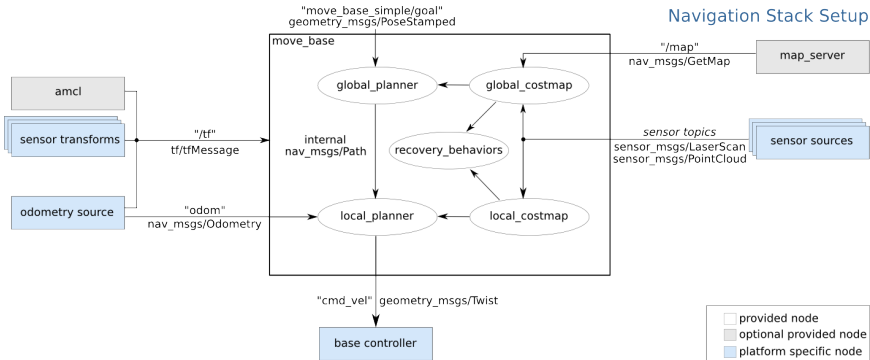
CS354

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- <http://wiki.ros.org/gmapping> ↗
- This is just a thin ROS-wrapper around
 - <http://openslam.org/gmapping.html> ↗

Navigation



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<http://wiki.ros.org/navigation/Tutorials/RobotSetup>

Review of ROS Communication

- **Publish/Subscribe** - best for sharing streaming data
- **Services** - remote procedure calls, send a request, wait for result

Review of ROS Communication

- **Publish/Subscribe** - best for sharing streaming data
- **Services** - remote procedure calls, send a request, wait for result
- Sometimes we want to request a long-running service, then get on with things, potentially cancelling the request later:
 - **actionlib**
 - <http://wiki.ros.org/actionlib> ↗

actionlib example

action_nav.py