# **Navigating the ROS Filesystem**

**Using rospack**

[rospack](http://wiki.ros.org/rospack) allows you to get information about packages. In this tutorial, we are only going to cover the find option, which returns the path to package.

rospack find [package\_name]

rospack find roscpp

### Using roscd

[roscd](http://wiki.ros.org/rosbash#roscd) is part of the [rosbash](http://wiki.ros.org/rosbash) suite. It allows you to change directory ([cd](http://ss64.com/bash/cd.html)) directly to a package or a stack.

roscd [locationname[/subdir]]

roscd roscpp

pwd

echo $ROS\_PACKAGE\_PATH

### roscd log

roscd log will take you to the folder where ROS stores log files. Note that if you have not run any ROS programs yet, this will yield an error saying that it does not yet exist.

roscd log

### Using rosls

[rosls](http://wiki.ros.org/rosbash#rosls) is part of the [rosbash](http://wiki.ros.org/rosbash) suite. It allows you to [ls](http://ss64.com/bash/ls.html) directly in a package by name rather than by absolute path.

rosls [locationname[/subdir]]

rosls roscpp\_tutorials