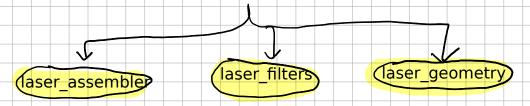
lasen pipeline

Meta-package of libraries for processing laser data, including converting laser data into 3D representations.



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- Assorted filters designed to operate on 2D planar laser scanners, which use the sensor_msgs/LaserScan type.
- → The primary content of the laser_filters package is a number of general purpose filters for processing sensor_msgs/LaserScan messages.
- This package provides two nodes that can run multiple filters internally.
 - > The scan_to_scan_filter_chain applies a series of filters to a sensor_msgs/LaserScan.
 - The scan_to_cloud_filter_chain first applies a series of filters to a sensor_msgs/LaserScan, transforms it into a sensor_msgs/PointCloud, and then applies a series of filters to the sensor_msgs/PointCloud.
- ⇒ Each laser filter is a separate plugin exported by the laser_filters package.
- This allows them to be specified in a configuration file which can be loaded into an arbitrary filter chain
 - Filter chains are configured from the parameter server.
 - Each filter specified in the chain will be applied in order.
- The individual filters configurations contain:
 - sa name which is used for debugging purposes,
 - a type which is used to locate the plugin,
 - and a params which is a dictionary of additional variables.

