27th Cartographer Open House

Thursday, October 25th, 2018
Lou Amadio (Microsoft) will add Windows CI for cartographer_ros repo.

Only for monitoring the status of the build, NOT as a part of presubmit.
ROS bag with landmarks


`roslaunch cartographer_mir offline_mir_100_rviz.launch bag_filename:=${HOME}/landmarks_demo_uncalibrated.bag`
Bug fixes and tweaks

cartographer

- Fix virtual destructors (#1453)
- Enable -Wthread-safety for Clang and CMake. (#1403)
- [ABSL] Use flat_hash_set instead of unordered_set. (#1442)
- Increase gRPC timeout for AddTrajectory (#1426)

cartographer_ros

- Remove orphaned function in occupancy_grid_node_main.cc (#1034)
- Remove deleted trajectories from submaps display. (#1065)
- Only use ROS log sink in pbstream_map_publisher_main.cc (#1040)
- Fix submap pose marker toggling. (#1019)
Thanks.

Next Open House: November 22th, 5pm CET

If you would like to present anything next meeting, please reach out to cschuet@google.com
Point Cloud Viewer

- Adds a new coloring made for X-Rays: color by z stddev. (#163)
- Update protobuf, grpcio and clap (#161)
- Add frustum query in octree and frustum query client (#156)
- Refactor octree generation (#153)