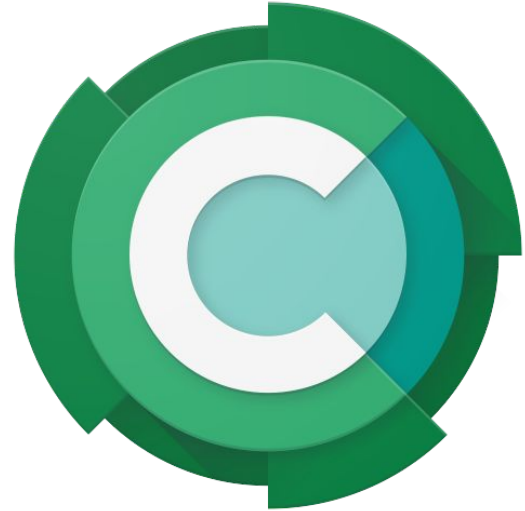


Cartographer Open House XIV

February 08, 2018



What landed on master? • cartographer

- Map Loading / Writing for cartographer_grpc (#849, #851)
- Struct SensorId (#839)
- Support for Landmarks (#847, #850, #860, #870, #868, #884, #888, #889)
- Clean-up and testing infra for gRPC stuff (#867, #857, #886)

What landed on master? • `cartographer_ros`

- Offline node: better support for sequential bags. (#694)
- Refactor ROS service responses. (#708)
- Mention built-in evaluation tools in the tuning guide. (#705)
- Add `pbstream_map_publisher_main.cc` (#711)

What landed on master? • `point_cloud_viewer`

- Add Grpc function to get root bounding cube (#93)
- Adds a binary and crate that generates xray quad trees (#94)
- Viewer for the tiling xrays quadtree (Web Client). (#98)
- Viewer for the tiling xrays quadtree (Server). (#97)
- Add GRPC function to get points in box (#102)
- Add intensity as an optional quantity into the viewer. (#107)
- Modify X-Rays to be reusable in other apps. (#108)

What landed on master / pending PRs? • `rfcs`

- Committed: Add service response RFC. (#21)
- Committed: Assign RFC=0012 to struct `sensor_id`. (#20)
- Pending: Serialization header RFC
- Pending: Cartographer Monitoring RFC

Current work

- Lifelong Mapping
- Landmark support

Placeholder for other status reports

Thanks!

Next Open House:
February 22th, 5pm CET

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