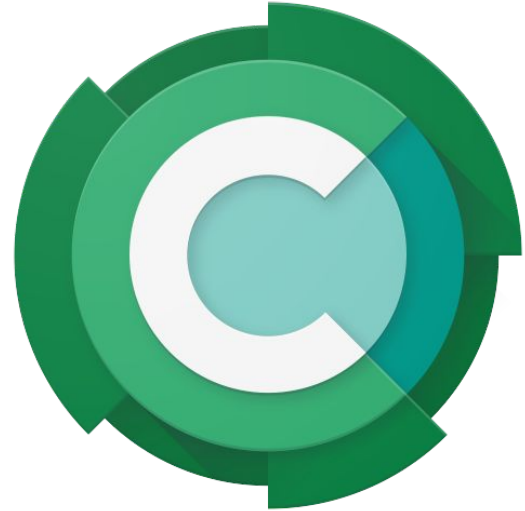


Cartographer Open House XI

December 7, 2017



What landed on master? • cartographer

- Internal Header Files (RFC=0003). ([#704](#), [#707](#), [#708](#))
- gRPC framework and cloud-based mapping (RFC=0002). ([#709](#), [#701](#), [#712](#), [#713](#), [#716](#), [#719](#), [#720](#), [#723](#), [#730](#), [#732](#), [#738](#))
- Unit and integration tests. ([#731](#), [#721](#), [#734](#))

What landed on master? • `cartographer_ros`

- Add `initial_pose` in `start_trajectory_main.cc` ([#610](#))
- Duplicate range data detection and validation of IMU, odometry, timings ([#615](#), [#619](#))

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

- No new commits.
- Pending: Reconsider the role of odometry in the 2D optimization problem
- Pending: Serve ROS map from a pbstream file
- Pending: Unify TrajectoryBuilder Interfaces.
- Pending: Introduction of PoseGraphInterface.

Current work

- Cloud-Based Mapping
- Improve Test Coverage

Placeholder for other status reports

Thanks!

Next Open House:
January 11, 5pm CET (8am PT)

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