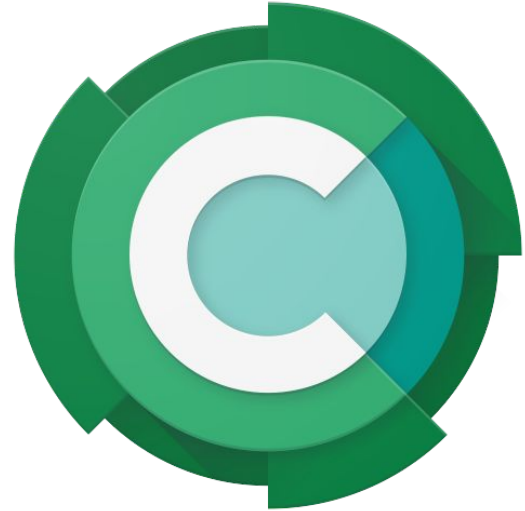


Cartographer Open House IX

November 9, 2017



What landed on master? • cartographer

- Deserialize SPG constraints ([#544](#))
- Improvements to PoseExtrapolator ([#623](#), [#626](#))
- Documentation ([#612](#), [#624](#))
- Add 3D localization support. ([#632](#))
- Initial pose implementation. ([#606](#))
- Fix 3D yaw rotation in GenerateDiscreteScans. ([#640](#))
- Lots of other great stuff...

What landed on master? • `cartographer_ros`

- Infrastructure for quality control pipeline. ([#555](#), [#559](#), [#562](#), [#566](#), [#578](#))
- Update Ceres Solver to 1.13.0. ([#564](#))
- Add 3D localization demo. ([#580](#), [#581](#))
- Lots of other great stuff...

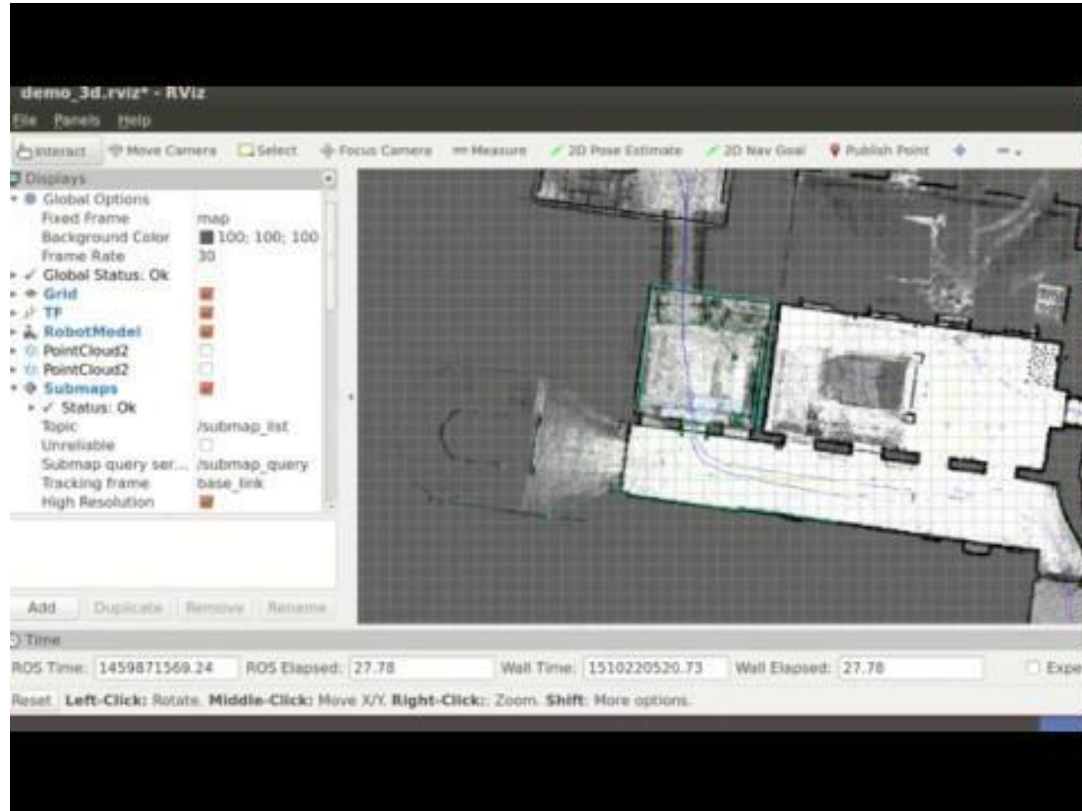
What landed on master / pending PRs? • `rfcs`

- Committed README.md thereby agreeing on RGC process ([#2](#)).
- Pending: proto3 switch-over RFC ([#3](#))

Demo • Quality Control Pipeline

[link](#)

Demo • 3D Localization



Current work

- Merge Bot
- Per-point Unwarping
- Collaborative, Cloud Based Mapping

Placeholder for other status reports

Thanks!

Next Open House:
November 23, 5pm CET (9am PT)

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