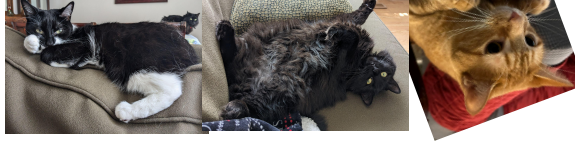
Project: icepyx4gedi



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Accomplishments

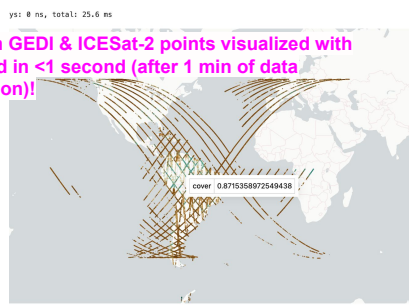
Folks enjoyed *pair programming* & *whiteboard collaboration*

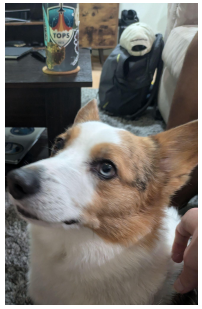
Identified areas in *icepyx* & *earthaccess* that can be updated to support improved data access

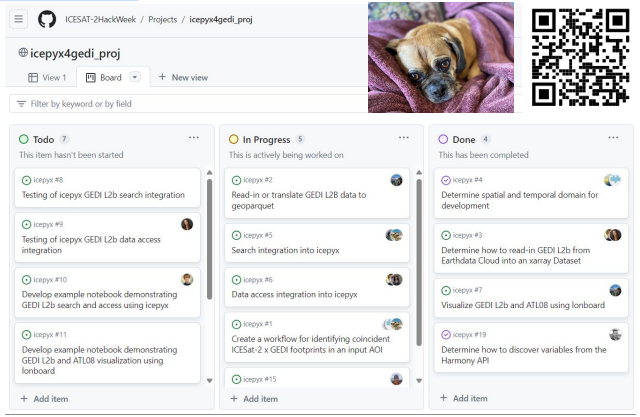
Overview

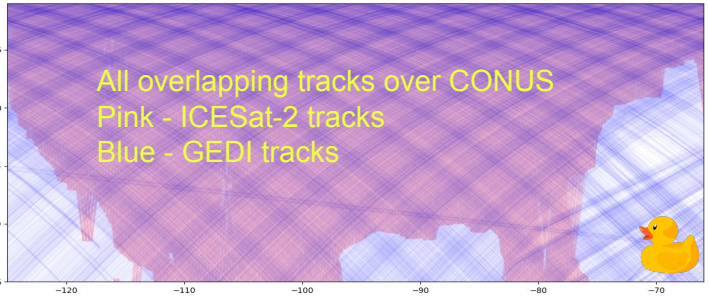
GEDI and ICESat-2 data are HUGE and nested data structures can be daunting. We hope to lower these barriers of entry with icepyx!

3 million GEDI & ICESat-2 points visualized with lonboard in <1 second (after 1 min of data generation)!









Contributions to icepyx

- branches and PRs opened
- issue resolution in progress
- Efficient loading of ICESat-2 and GEDI data using H5Coro!

Future Plans

- transition to CryoCloud Slack (more persistent, includes other contributors)
- *earthaccess* hacktime topic: *icepyx*
- Pangeo hackweek (Saturday after AGU)