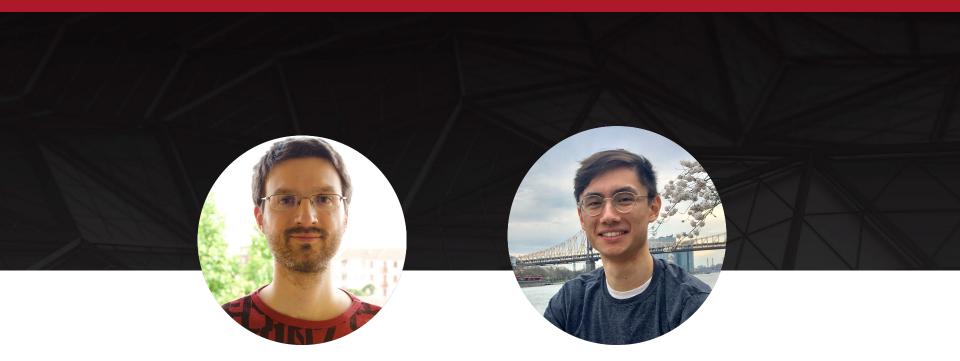


osql: The community oriented osquery fork

Stefano Bonicatti, Mark Mossberg QueryCon 2019



Stefano Bonicatti

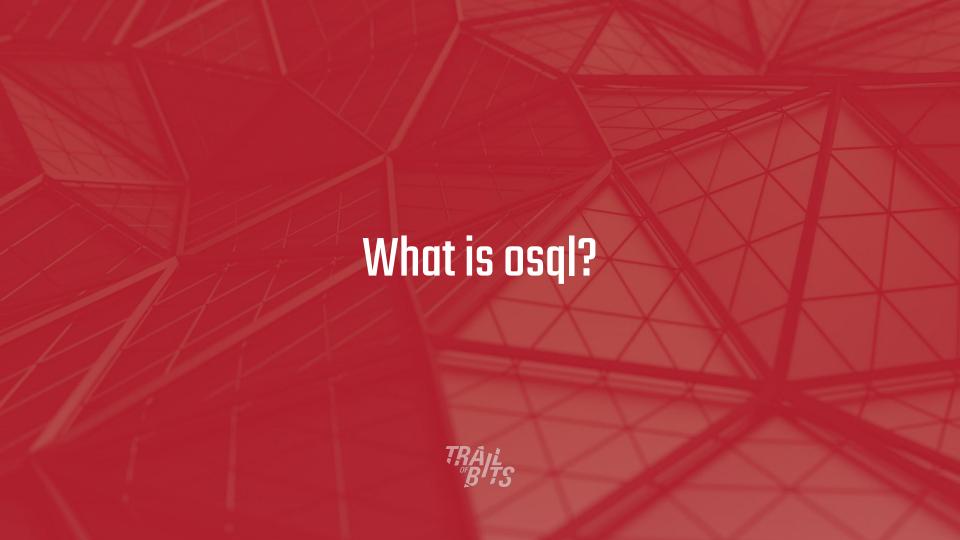
Software Engineer

stefano.bonicatti@trailofbits.com

Mark Mossberg

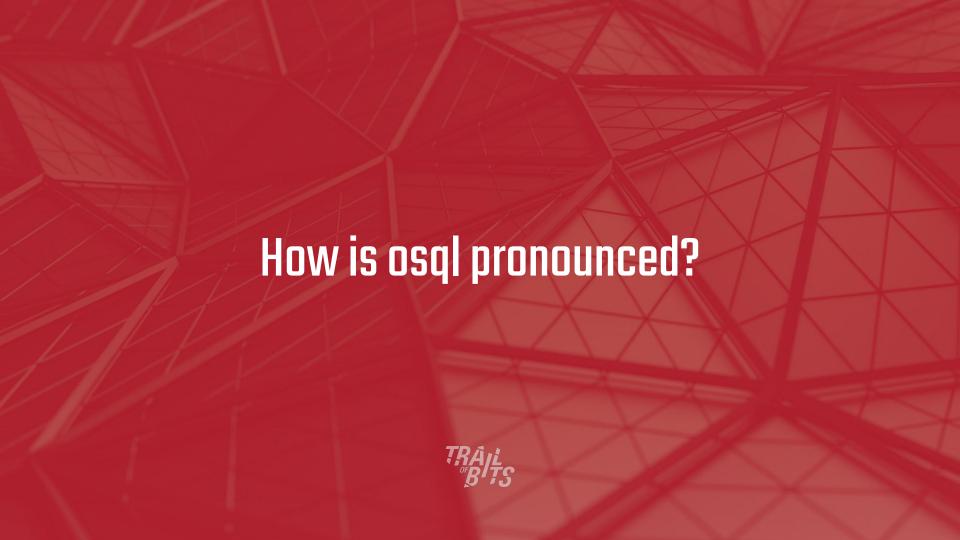
Senior Security Engineer

mark@trailofbits.com

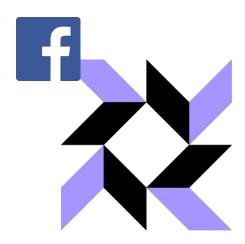


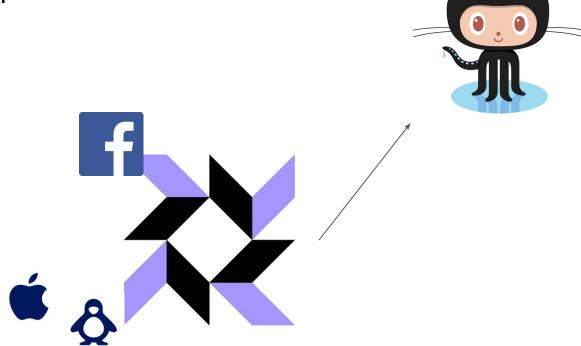
What is the relationship between osql and osquery?

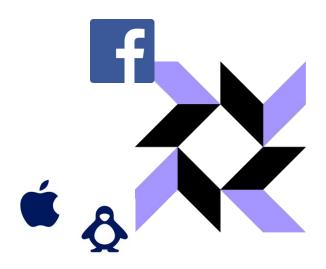
TRAJL BITS



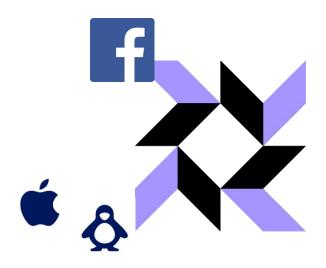




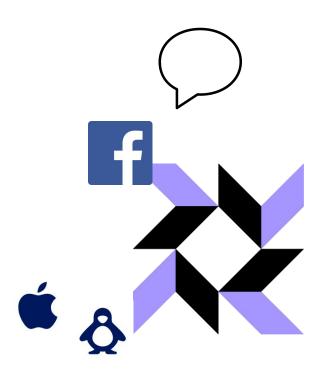




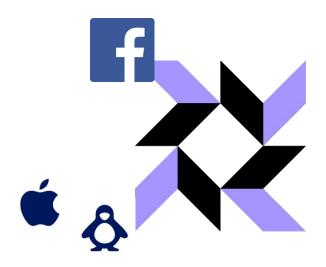




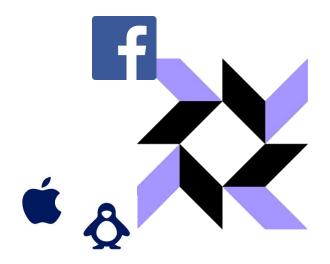




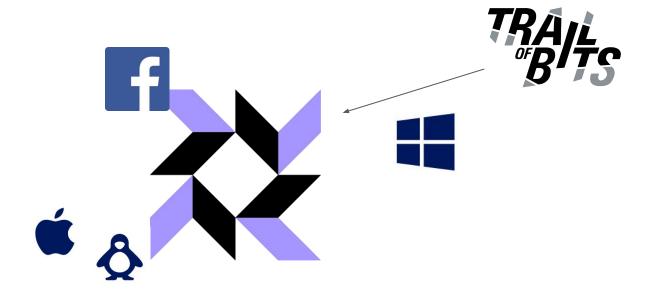


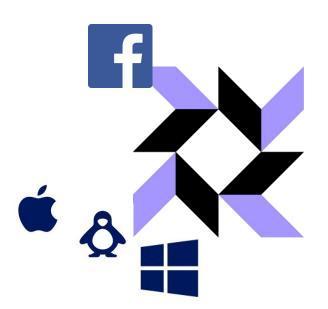






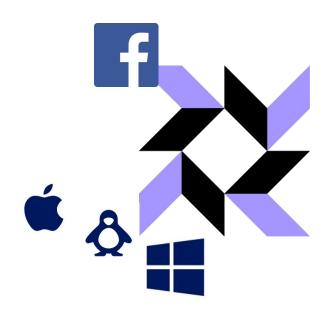




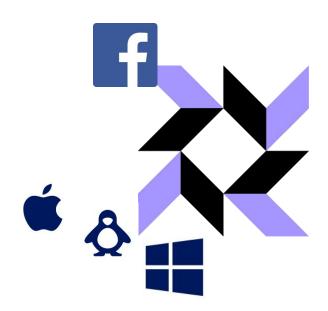






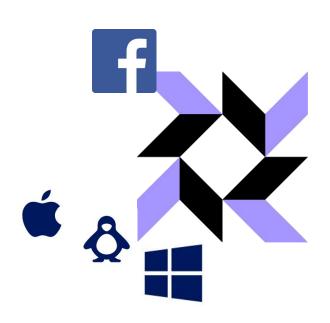




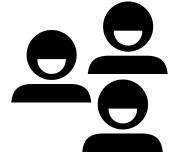




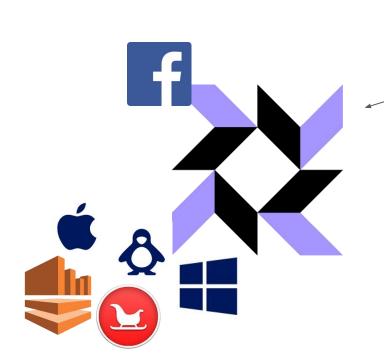
2017-2018



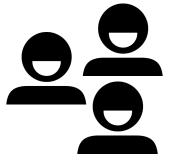




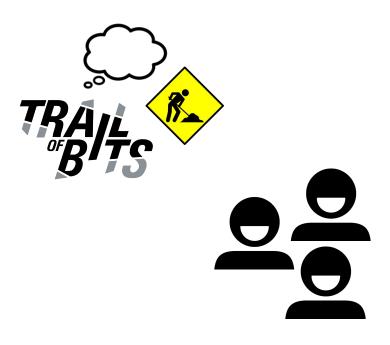










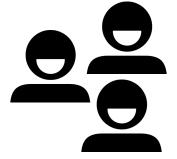


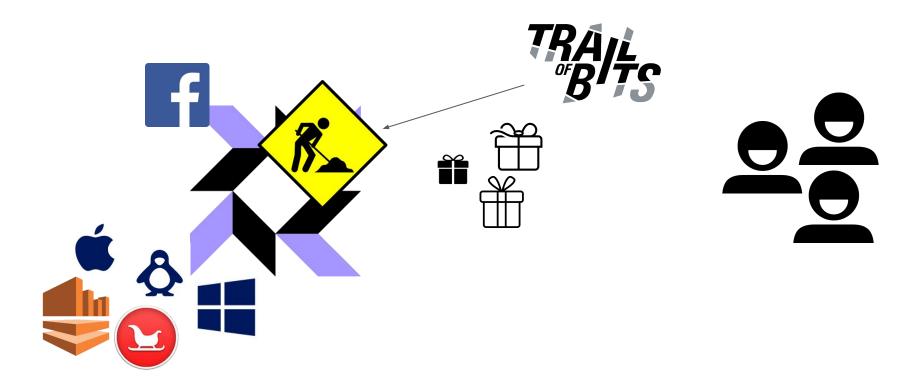
late 2018

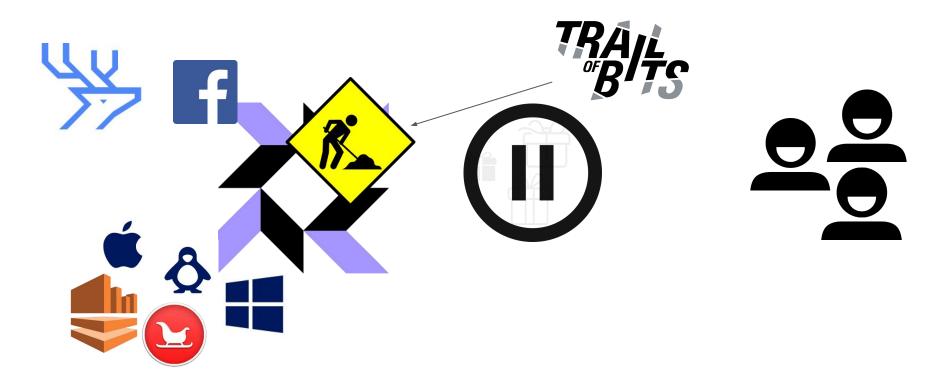


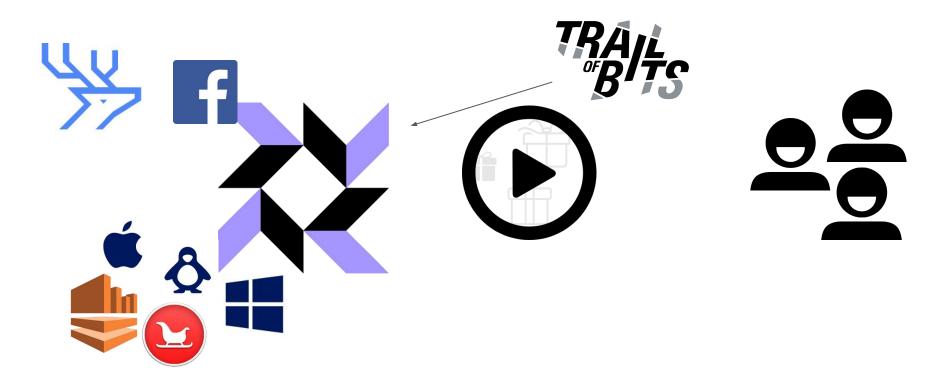


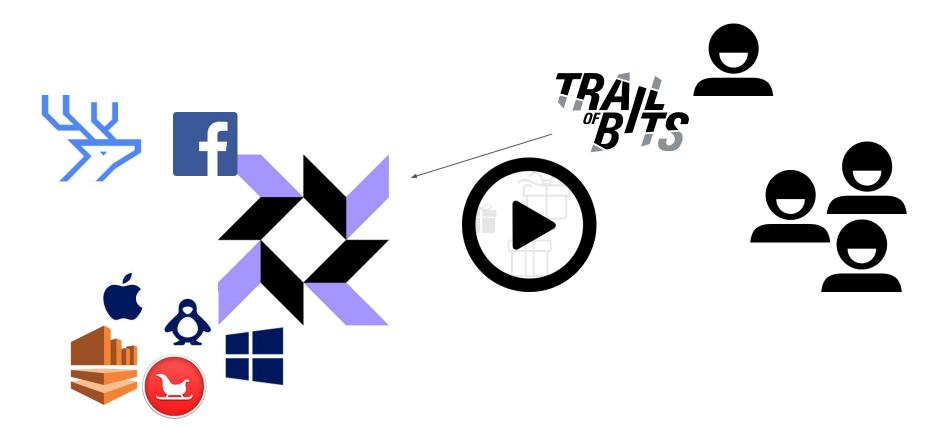


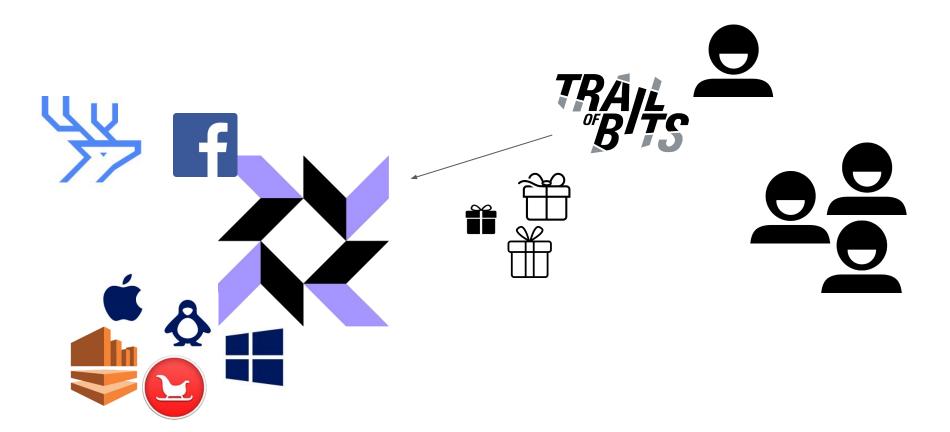


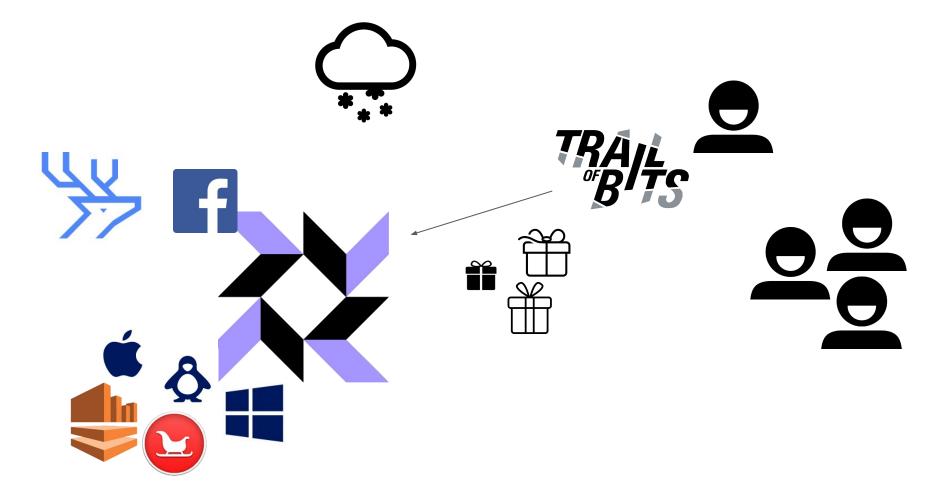


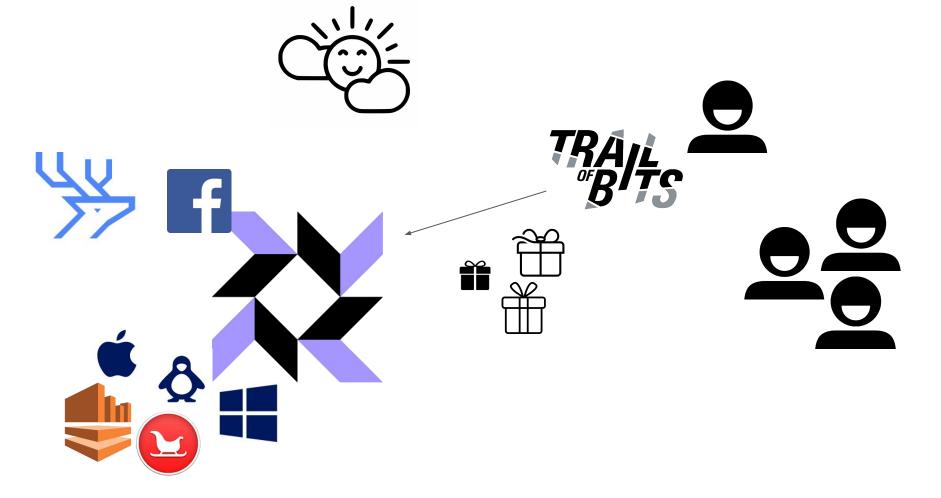


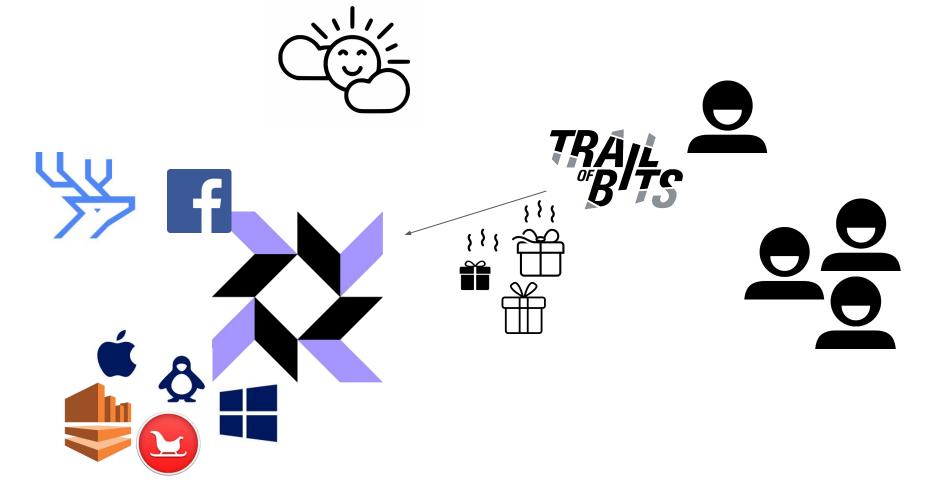


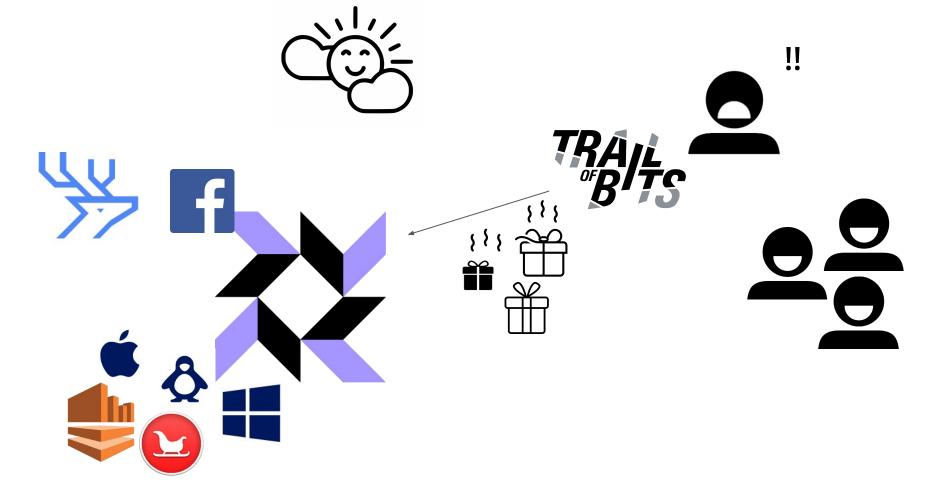


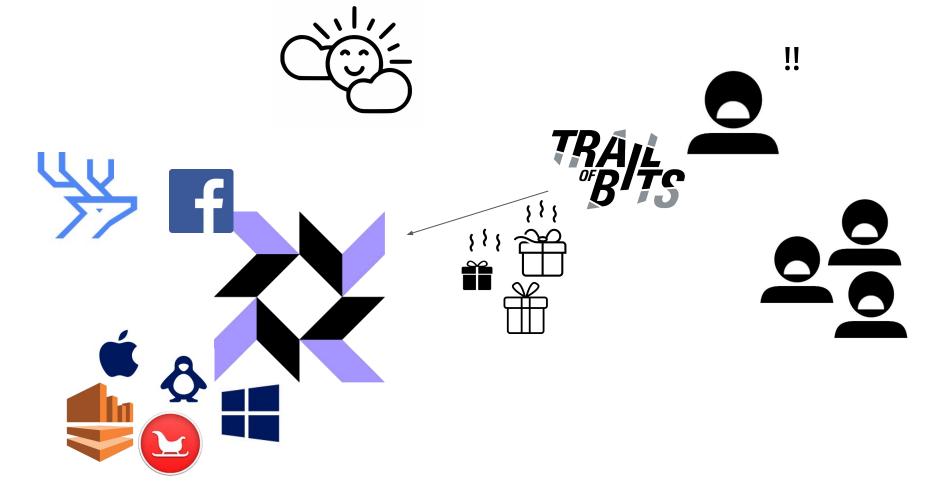


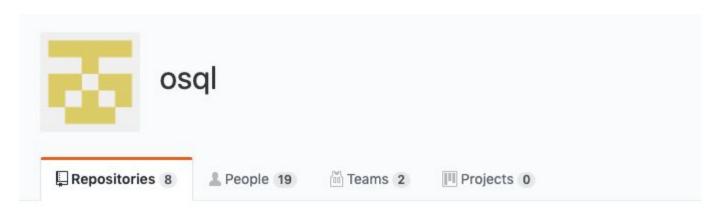




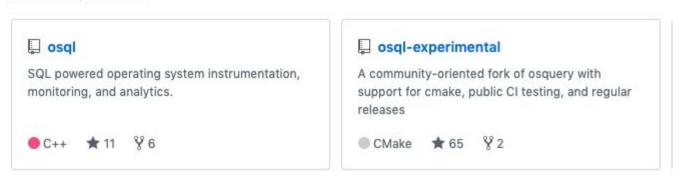


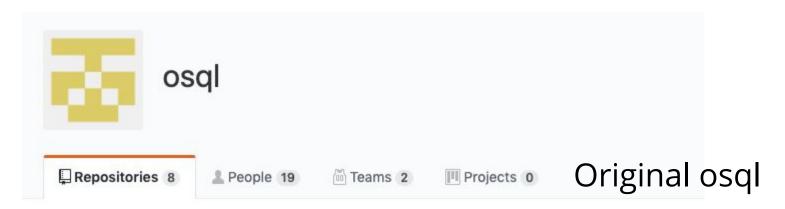




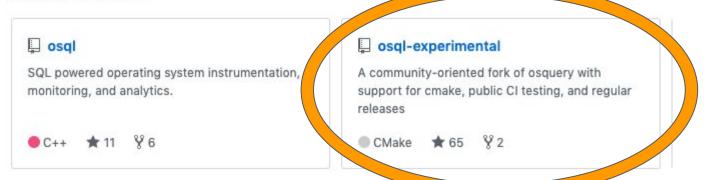


Pinned repositories





Pinned repositories



Goals



- Public continuous integration & testing
- Standard build system (CMake)
- Regular releases, including community-reviewed PRs

Anti-Goals



Hard-fork osquery



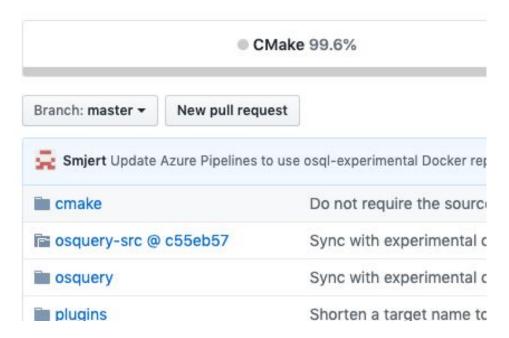
Anti-Goals



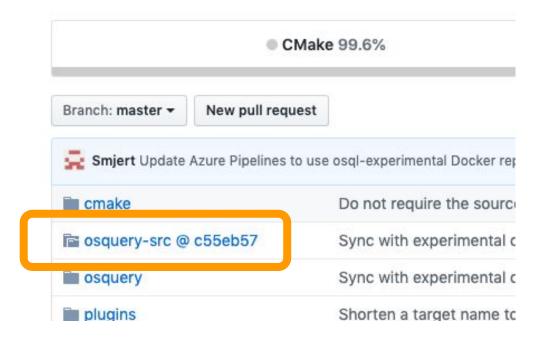


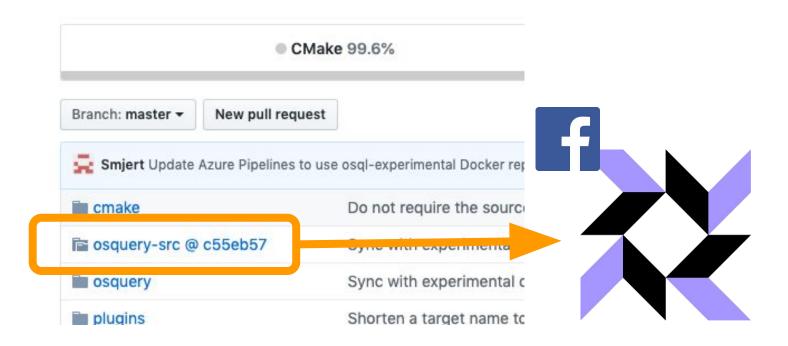


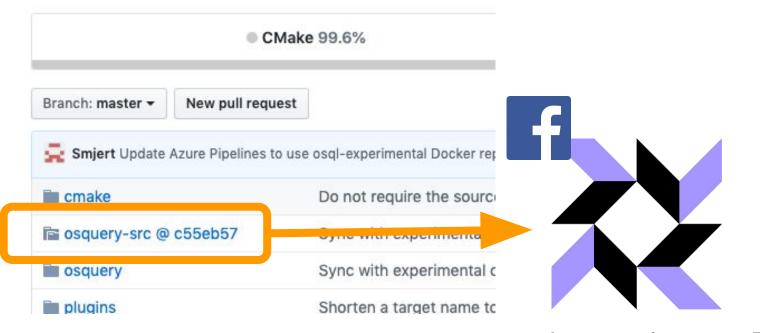
"soft fork"



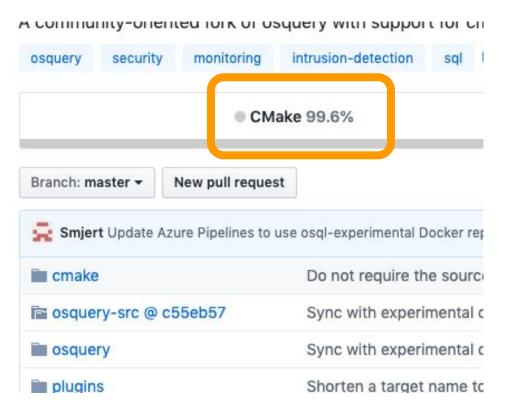
"soft fork"

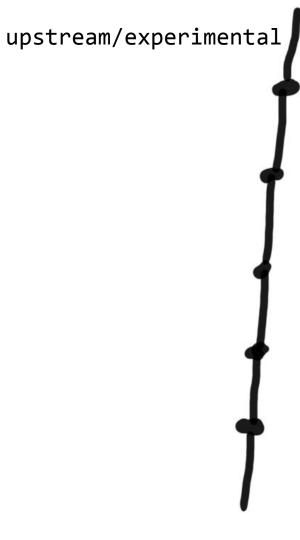




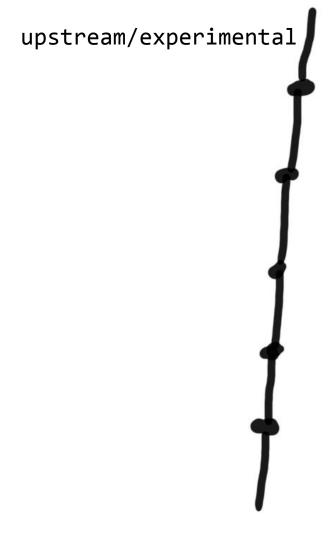


upstream/experimental





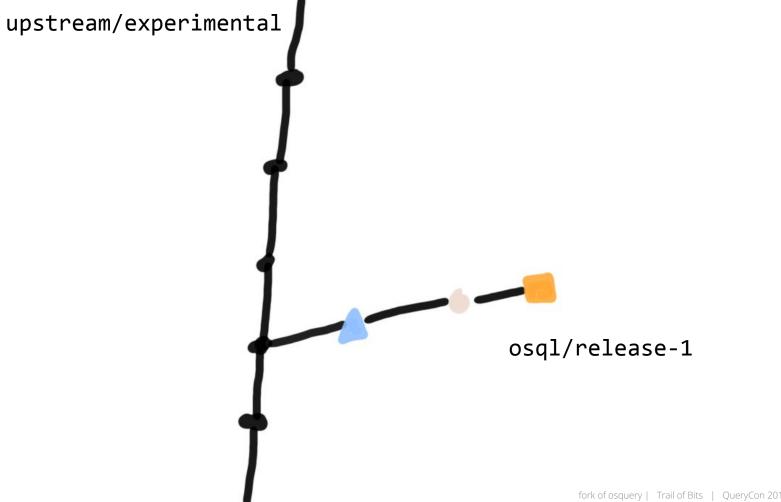
Release plan

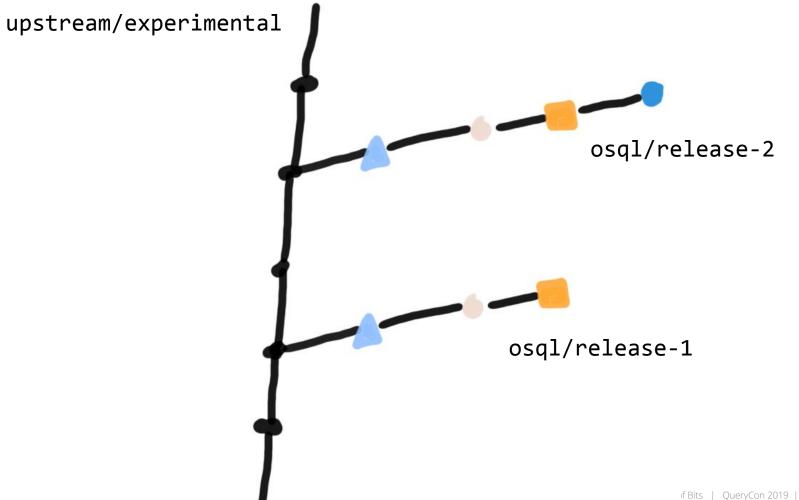


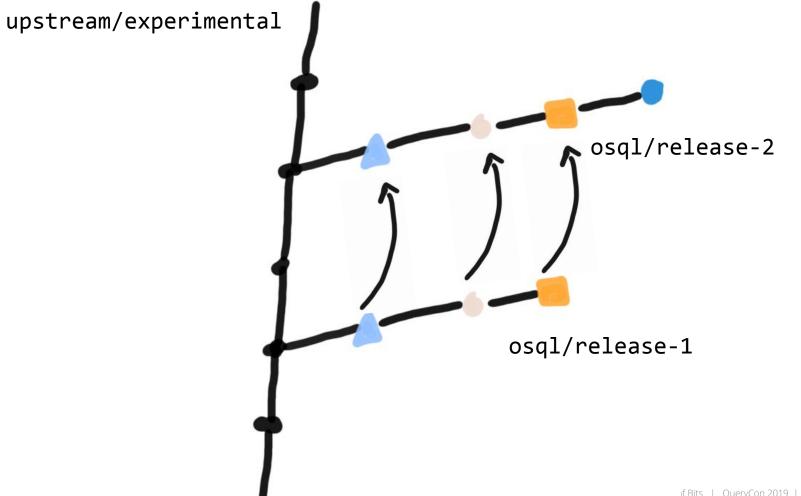
Release plan

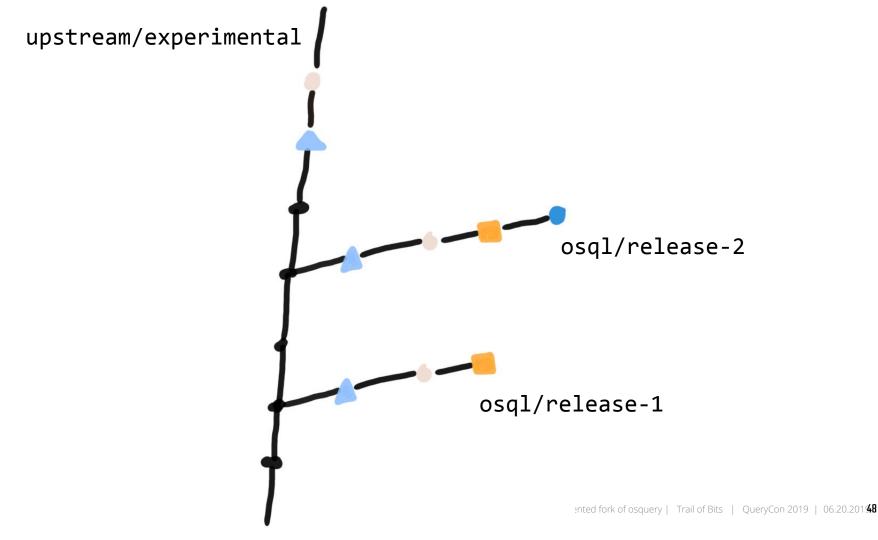
Community Pull Requests

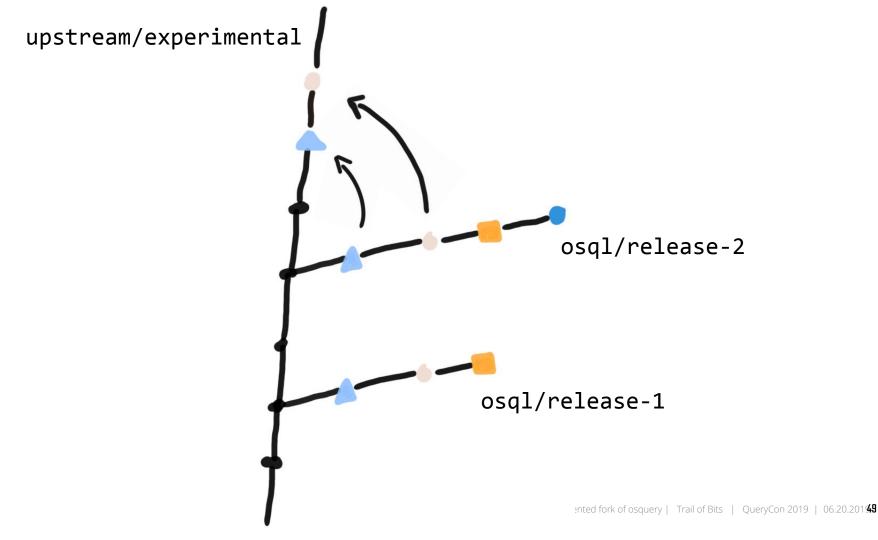


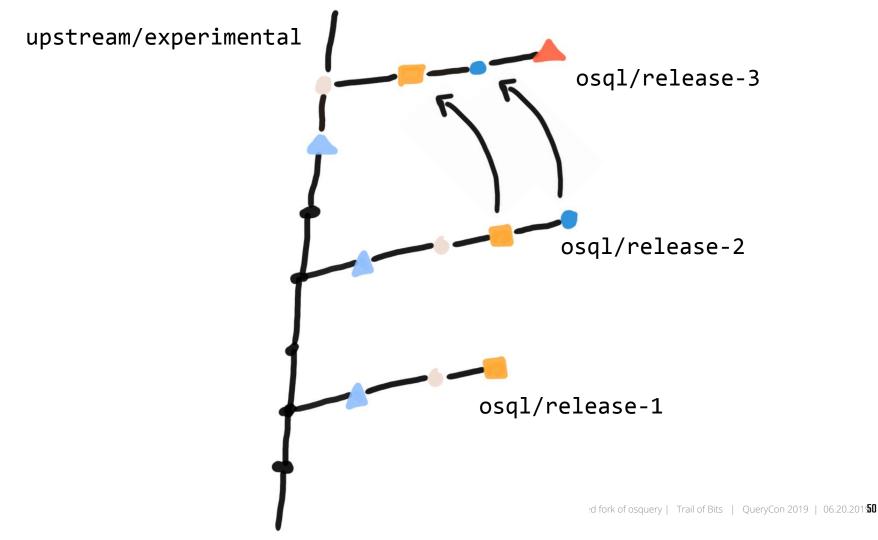














upstream/experimental



Uncertain future:

- Stability issues
- Unclear roadmap
- PRs merged rarely

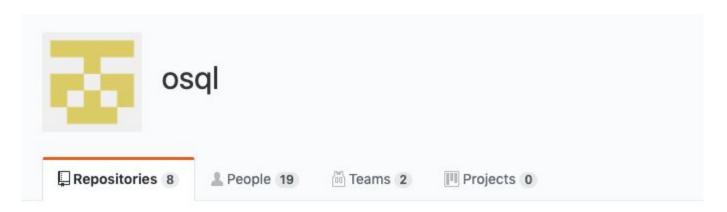
upstream/experimental



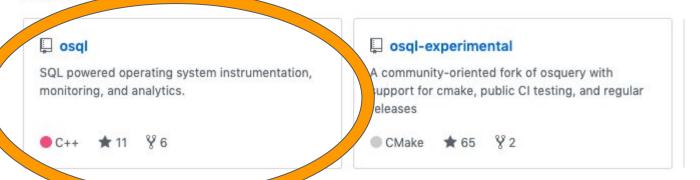
Uncertain future:

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- Unclear roadmap
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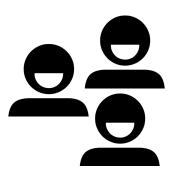
Pinned repositories



osql

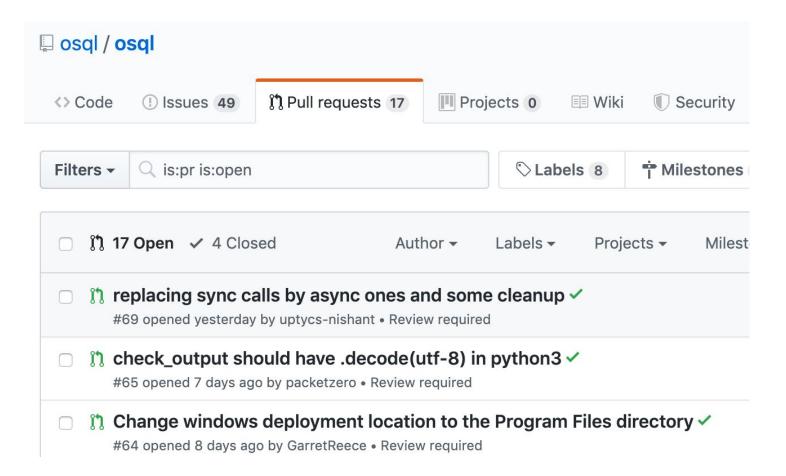


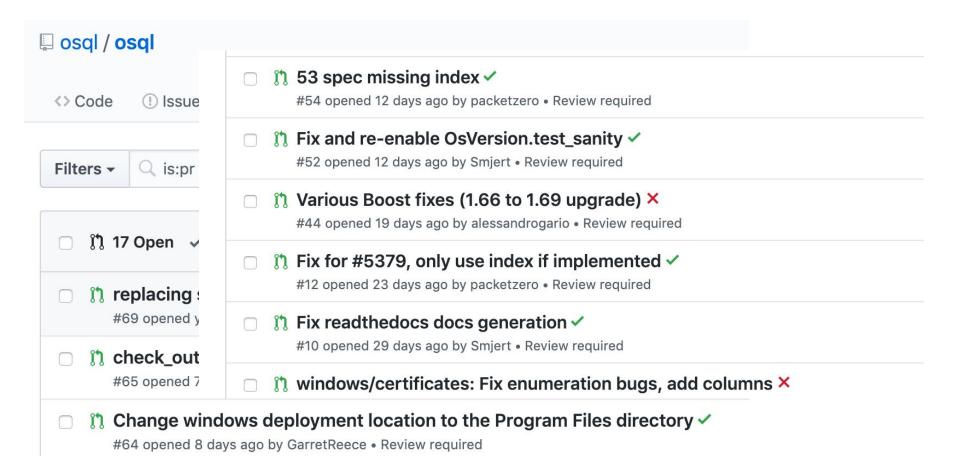
- "Hard fork" of upstream/master
- Fixes build & restores public CI
- Suitable place to continue osquery development
 - Stable branch
 - Clear roadmap
 - Community PR reviews

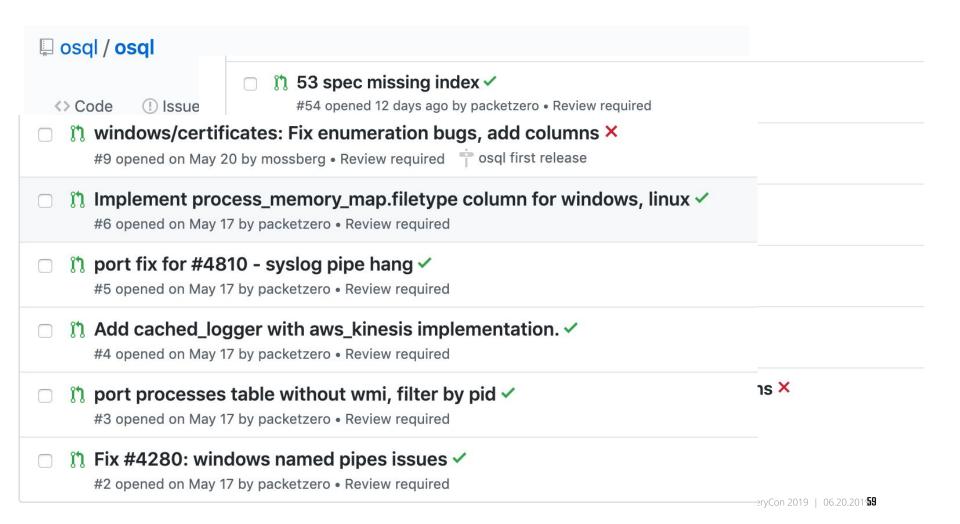


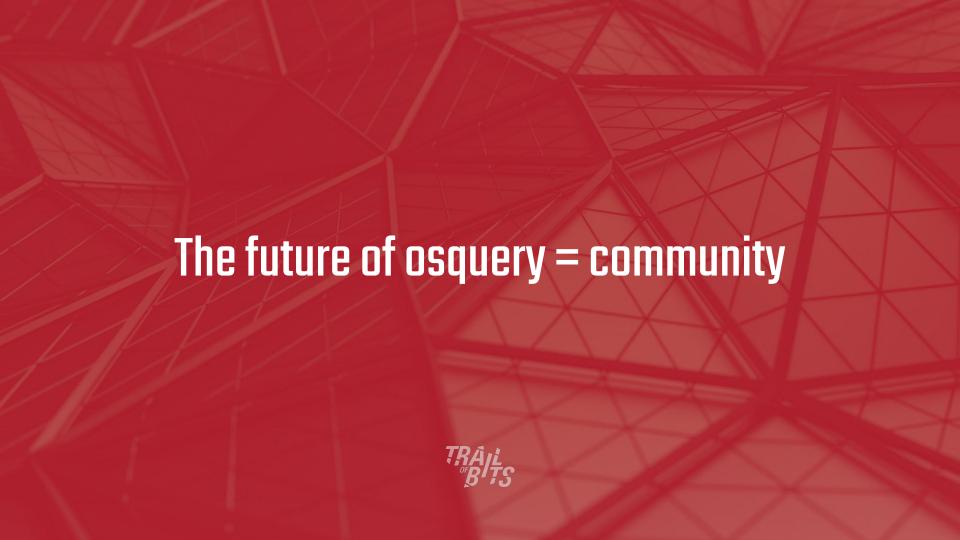
The tools make low-level operating system analytics and monitoring both performant and intuitive.

Platform	Build status		
MacOS 10	Azure Pipelines succeeded	Homepage:	https://osquery.io
CentOS	Azure Pipelines succeeded	wnloads:	https://osquery.io/downloads
CentOS	Azure Pipelines succeeded	bles:	https://osquery.io/schema
Ubuntu 16 4	Azure Pipelines succeeded	acks:	https://osquery.io/packs
Windows 201	Azure Pipelines succeeded	Guide:	https://osquery.readthedocs.org
Windows 10	N/A	slack 150/2872	https://osquery-slack.herokuapp.com
FreeBSD 11	N/A		





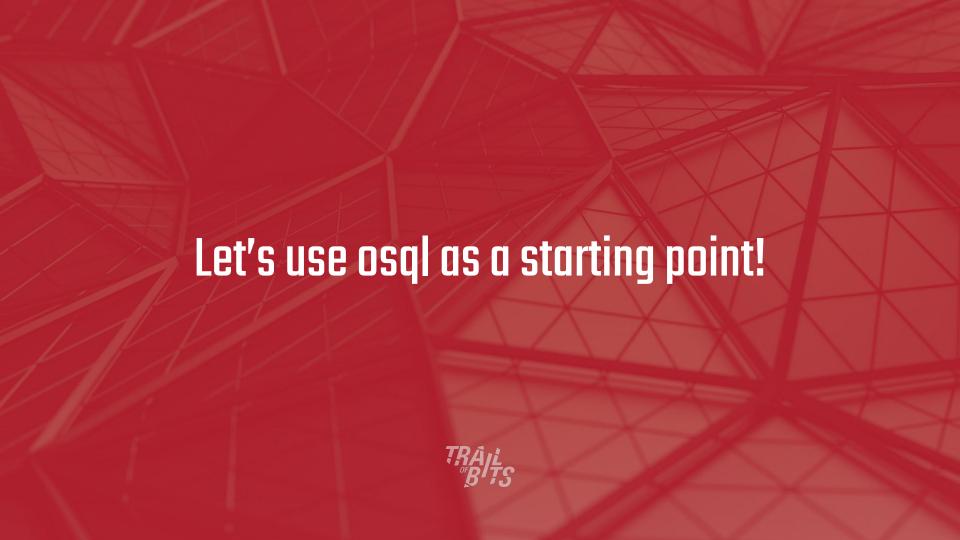




The Linux Foundation Announces Intent to Form New Foundation to Support osquery Community

By The Linux Foundation | June 18, 2019

Engineers and developers from Facebook, Google, Trail of Bits and more to help





Governance VOTE



Governance





Development Process







Development Process

Funding & Support









Development Process

Funding & Support





Community Management







Development Process

Funding & Support





Community Management







Get involved with osql!

http://github.com/osql #osql @ osquery Slack







