Apache Drill Community

2021 summary and reporting.

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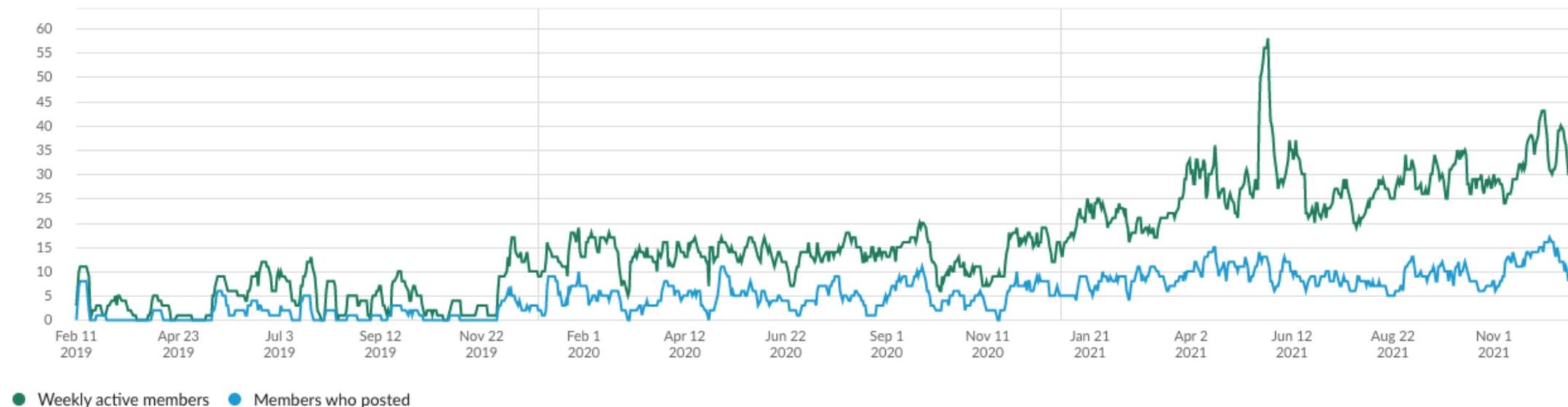
Overview

- Community status

  - Slack channel

  - Mailling Lists

  - GitHub

  - Publicity

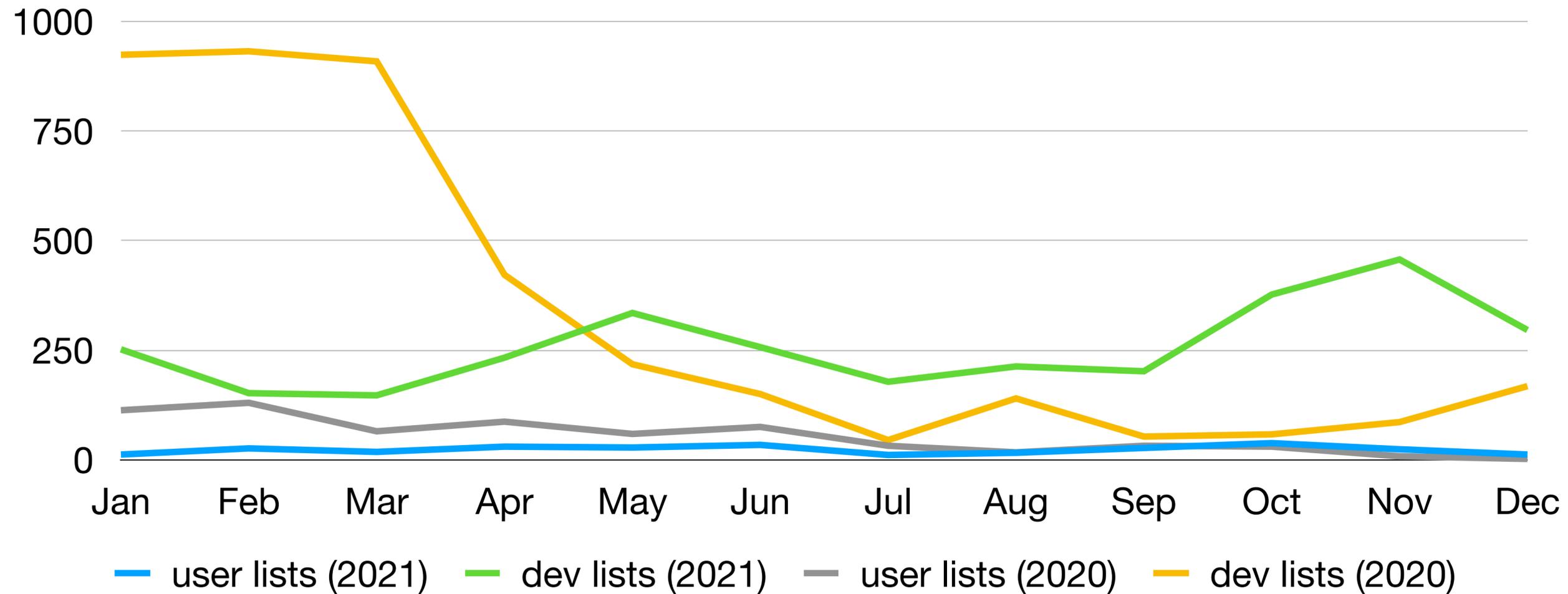- Release frequency

- Contributor Development

Community status

Slack channel

- The number of members is up to 320+.

  - year-on-year growth rate 266%.

- The user and general groups are the most active.

- The trend of increased :

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Community status
Mailling Lists

Chart legend: user lists (2021), dev lists (2021), user lists (2020), dev lists (2020)

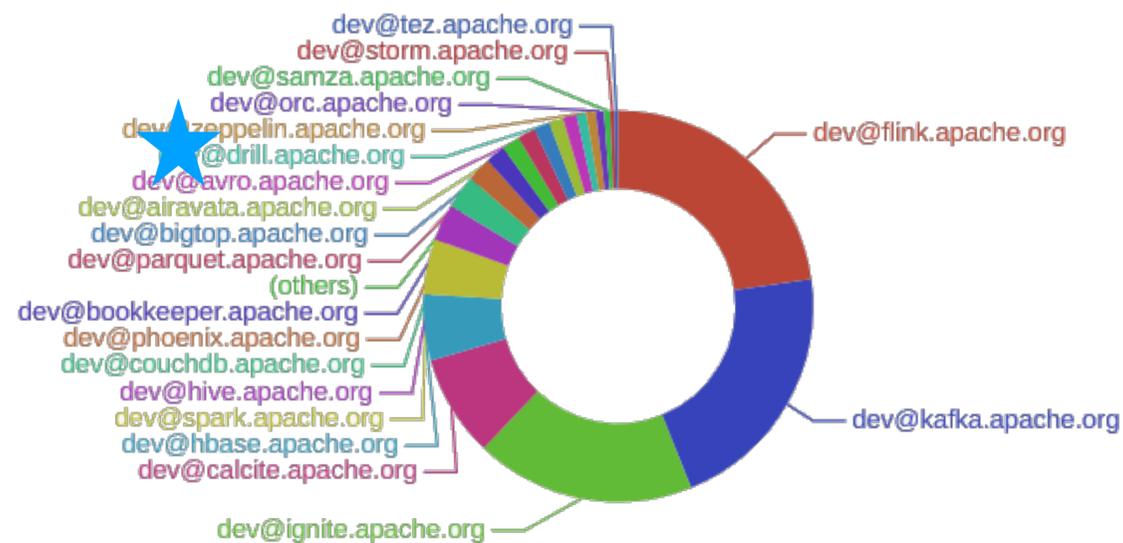APACHE DRILL

Community status
GitHub

- Enable the GitHub Issues function.

  - As many as 47% of issues are closed.

- Turn on LGTM.com (Java, Python and JS) analysis for the codebase.

- Upgrade to use JDK 8, JDK 11 and JDK 17 to build and test.

- Added the Travis CI (based on aarch64) for the build and test.

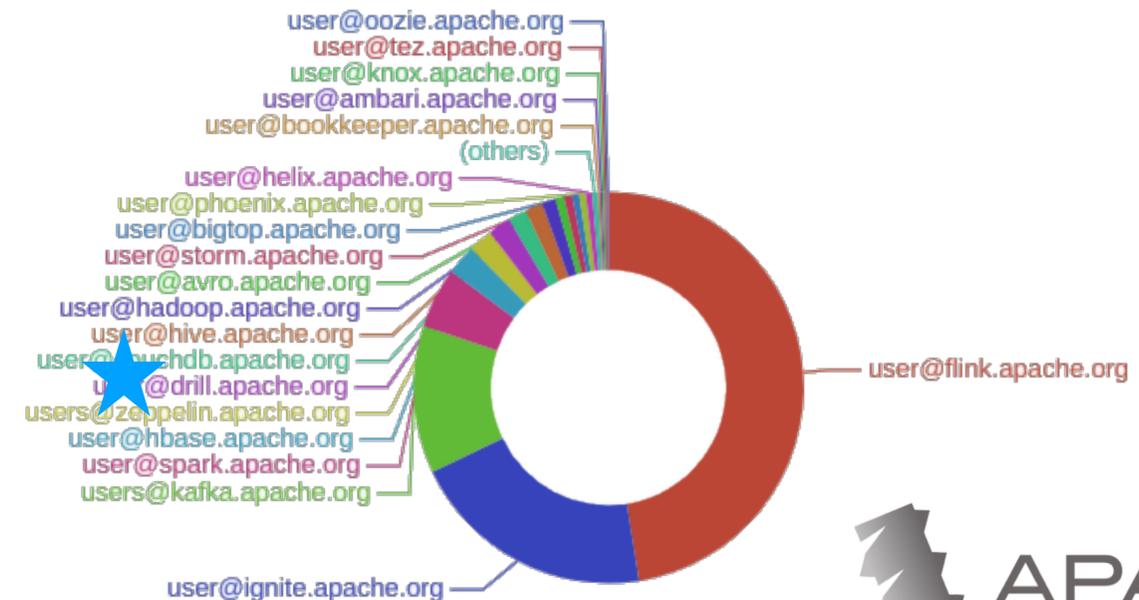- Added the Dependabot alerts for the vulnerability.

Community status
Publicity

- Put the multilingual support on the website (adding Chinese docs).

- ApacheCon 2021 - " Versatility and Functionality of Apache Drill "

- ASF FY2021 (01 May 2020 - 30 April 2021) :

Top 20 Big Data Lists (dev)

Top 20 Big Data Lists (user)

Versatility and Functionality of ApacheDrill : https://www.youtube.com/watch?v=Vaw9Rc4LEP8

Release frequency
Release note

- Performance

  - To_EVF / RESTful streaming / Parquet V2 / EVF V2 / Pushdown framework…

- Securiry

  - Plugin credentials provider / Lots of patch for CVE…

- Functionality

  - Support aarch64 / Writer to JDBC / Mongo metastore and lots of bugs fix..

- New Format and Storage

  - XML / Splunk / ES / C* / SAS / Dropbox / CK / OCI / Iceberg / Phoenix

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Release frequency

Release cycle

- Ready to speed up the release cycle

  - Send a VOTE email to dev and user mailing lists.

  - Optional : once every two months / once a quarter / once every four months.

  - Keep the rhythm.

- Design the Roadmap

  - Using the GitHub Project.

  - Using the GitHub Issues + milestone.

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Contributor Development

The challenge

- Not friendly with the newcomers

  - Not easy to find a "Get Started" task.

  - Welcome to create it (for newcomers) on JIRA and GitHub.

- Poor documentation

  - Not easy to find the docs, but it actually exists.

  - Welcome to organise docs according to user cases.

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Contributor Development
The goal

- Develop new format is good for new contributors

  - Apply the easy plugin framework.

  - Understand the read-write paths.

  - Dive into the Drill internal from the unit tests.

- Sharing Drill internal

  - Provide time to ask questions.

  - Face-to-face with the committer.

- Slack Channel

  - https://bit.ly/3t4rozO

- Mailing Lists

  - user-subscribe@drill.apache.org

  - dev-subscribe@drill.apache.org

See you, bye

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