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:
Community status

Mailling Lists

[Graph showing mailing list activity from January to December, with different lines for user lists (2021), dev lists (2021), user lists (2020), and dev lists (2020).]
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):

Versatility and Functionality of Apache Drill: https://www.youtube.com/watch?v=Vaw9Rc4LEP8
Release frequency

Release note

- Performance
  - To_EVF / RESTful streaming / Parquet V2 / EVF V2 / Pushdown framework…
- Security
  - 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
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.
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.
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