

January 2022

FINAL REPORT - DO NOT EDIT

NOTE that the content for this month report is in markdown format- please do not remove any formatting characters when adding your reports.

It also best to:

- **Do not change existing formatting. Especially do not change the formatting of the sign-off area.**
- Keep all lines under **76 characters** long.
- All content under the **### headings** should be indented by **two spaces. Do not use tabs.**
- Please don't change the text in the headings or add new ones.
- Include **one space** after a bullet point or full stop on a numbered list.
- Use **[X]** (**X and no spaces**) to sign off reports.
- **Do not include long URLs** and use the apache URL shortener <https://s.apache.org>.
- Please note that some lines have two spaces at the end. **Do not remove these spaces.**

Please make sure you use the current report and don't copy an old one, the headings do change from time to time.

A script will be run on this report before it is submitted to the board. If your lines are too long it may insert line breaks in unexpected places.

Reflow

```
fold -w 76 -s $1 | cat -s
```

Timeline

Wed January 05	Podling reports due by end of day
Sun January 09	Shepherd reviews due by end of day
Sun January 09	Summary due by end of day
Tue January 11	Mentor signoff due by end of day
Wed January 12	Report submitted to Board
Wed January 19	Board meeting

Shepherd Assignments

Dave Fisher	Flagon
Dave Fisher	ShenYu
Drew Farris	EventMesh
Drew Farris	Teaclave
Justin Mclean	Milagro
P. Taylor Goetz	MXNet
P. Taylor Goetz	Pegasus
P. Taylor Goetz	Toree
Timothy Chen	Annotator
Timothy Chen	Liminal
Timothy Chen	SDAP
	BlueMarlin
	DataLab
	InLong

	Livy
	NuttX
	PageSpeed
	Pony Mail
	Training
	YuniKorn
	Linkis

Incubator PMC report for January 2022

The Apache Incubator is the entry path into the ASF for projects and codebases wishing to become part of the Foundation's efforts. There are presently 37 podlings incubating. In December, podlings executed 8 distinct releases. We added no new IPMC members, and none retired. There were 2 IP clearances. A couple of new podlings are under discussion, and HugeGraph will be joining the Incubator. Hop graduated last month.

A couple of podlings are heading towards graduation in the next few months. This month we were missing reports from BlueMarlin, EventMesh, Hivemall, Livy, MXNet, SDAP, SeaTunnel, Spot, Training and they will be asked to report next month. January is typically a month we get several missing reports due to holidays. Hivemall, Livy, SDAP, Spot and Training have failed to report several times in a row, a role call or other appropriate action will be taken, including suggesting (in some cases), they should retire from the Incubator. Spot did respond to its role call, and showed interest in continuing. It does at least have 3 active PMC members but little or no activity.

Discussion around Age graduating suggested it was a little too early. They needed to correct several minor things, including considering a wider group of committers and lowering their committer bar. The PMC composition required a little work as well.

A discussion on bringing log 4j 1.x to the Incubator took place, and it was decided that the Incubator was not the right place for this project. As usual, most discussions on the mailing list were on graduations, releases, and new project proposals.

Community

New IPMC members:

- None

People who left the IPMC:

- None

New Podlings

- None, but vote underway for HugeGraph

Podlings that failed to report, expected next month

Graduations

- Hop

The board has motions for the following:

- None

Releases

The following releases entered distribution during the month of November:

- Age 0.6.0
- Brpc 1.0.0
- EventMesh 1.3.0
- InLong 0.12.0
- Kyuubi 1.4.0
- MXNet 1.9.0
- Yunikorn 0.12.1
- Wayang 0.6.0

IP Clearance

- Apache Arrow Julia library
- Apache Maven - Mvndaemon

Legal / Trademarks

N/A

Infrastructure

N/A

Miscellaneous

N/A

Table of Contents

Annotator
DataLab
Flagon
InLong
Kyuubi
Liminal
Milagro
NuttX
PageSpeed
Pegasus
PonyMail
ShenYu
Teaclave
YuniKorn
Linkis

Annotator

Annotator provides annotation enabling code for browsers, servers, and humans.

Annotator has been incubating since 2016-08-30.

Three most important unfinished issues to address before graduating:

1. Build community
2. Maintain a regular release cadence
3. Grow the PPMC and committer groups

Are there any issues that the IPMC or ASF Board need to be aware of?

None at this time. Three most important issues are unchanged from the last report.

How has the community developed since the last report?

There has been little activity around the project in the end of 2021.

How has the project developed since the last report?

Since the last board report, some work on release automation and and packaging has been completed, but no major feature work.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release
- Community building
- Nearing graduation

- Other:

Date of last release:

2021-09-03

When were the last committers or PPMC members elected?

2018-09-04

Have your mentors been helpful and responsive?

No issues at this time.

Is the PPMC managing the podling's brand / trademarks?

The PPMC is not aware of any branding issues at this time.

Signed-off-by:

- (annotator) Nick Kew
Comments: Project seems quiet. Will prod them.
- (annotator) Tommaso Teofili
Comments:
- (annotator) Benjamin Young
Comments:

IPMC/Shepherd notes:

DataLab

DataLab is a platform for creating self-service, exploratory data science environments in the cloud using best-of-breed data science tools.

DataLab has been incubating since 2018-08-20.

Three most important unfinished issues to address before graduating:

1. Finish preparing all artifacts necessary for graduation

Are there any issues that the IPMC or ASF Board need to be aware of?

No issues.

How has the community developed since the last report?

We have new committers: Oleh Mykolaishyn, Marian Hladun, Ruslan Kulynych.

How has the project developed since the last report?

- We've started voting process for release 2.5.1.
- We are working towards the next release.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release
- Community building
- Nearing graduation
- Other:working towards next release

Date of last release:

2021-09-08

When were the last committers or PPMC members elected?

The last committers was added on December 22, 2021.

Have your mentors been helpful and responsive?

Yes, our mentors are very helpful and responsive.

Is the PPMC managing the podling's brand / trademarks?

There are no knowing any mentioned issues above. Project name was approved.

Signed-off-by:

- (datalab) P. Taylor Goetz
Comments:
- (datalab) Henry Saputra
Comments:
- (datalab) Konstantin I Boudnik
Comments:
- (datalab) Furkan Kamaci
Comments:

IPMC/Shepherd notes:

Flagon

Flagon is a software tool usability testing platform

Flagon has been incubating since 2016-07-13. Flagon has been incubating since 2016-07-13.

Three most important unfinished issues to address before graduating:

1. Continue VOTE thread for Graduation on general@incubator

Are there any issues that the IPMC or ASF Board need to be aware of?

None at this time.

How has the community developed since the last report?

- We expect 4 new committer VOTES in Q1 2022 following contributions into Apache Repos.
- We are coordinating software gift from UMD for Flagon analytics package (Distill), via CCLA.

How has the project developed since the last report?

- We have committed minor enhancements to UserALE.js and have maintained the code base. We expect a new UserALE.js release (v 2.2.1) in Q1 2022.
- Developments on analytical package (Distill) are currently being tested and will be committed to Apache repos in Q1 2022 (pending CCLA from UMD).
- Ongoing development and design on visualization (Apache Superset) and continues.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release
- Community building
- Nearing graduation
- Other:

Date of last release:

2021-06-03 Apache UserALE.js 2.2.0

When were the last committers or PPMC members elected?

2021-03-26 (Gedd Johnson)

Have your mentors been helpful and responsive?

Mentors remain supportive.

Is the PPMC managing the podling's brand / trademarks?

Yes.

Signed-off-by:

- (flagon) Lewis John McGibbney
Comments:
- (flagon) David Meikle
Comments:
- (flagon) Tim Allison
Comments:
- (flagon) Furkan Kamaci
Comments:

IPMC/Shepherd notes:

InLong

Apache InLong is a one-stop data ingestion platform that provides automatic, secure and reliable data transmission capabilities. InLong supports both batch and stream data processing at the same time, which offers great power to build data analysis, modeling and other real-time applications based on streaming data.

InLong has been incubating since 2019-11-03.

Three most important unfinished issues to address before graduating:

1.Improve and optimize the system to solve the system shortboard 2.Promote the system, to let more people use and participate in the community 3. Building a diverse community with open governance

Are there any issues that the IPMC or ASF Board need to be aware of?

No issues.

How has the community developed since the last report?

Since the last report, about 11 new contributors have joined the community (currently: 69), and some users have contributed some functional improvements and bug fixes; On October 31, an offline + online Inlong community building seminar was held to discuss with a number of experts on how to do a good job in the Inlong community We communicated and discussed with multiple teams in the field of data integration to jointly improve the feature set of data integration.

How has the project developed since the last report?

Since the last report, we have released versions 0.11.0 and 0.12.0. In addition to further lowering the user threshold, including supporting all modules of InLong to be deployed on Kubernetes, the official website has been refactored, and document translation and collation have been carried out to facilitate user access; in features of system features, in addition to continuing to build functions for each module, we also completed the use of Pulsar for full-process high-reliability data transmission, and add the data audit function for the data link.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release
- Community building
- Nearing graduation
- Other:

Date of last release:

2021-12-22

When were the last committers or PPMC members elected?

committer: healchow 2021-11-26 PPMC: aloyszhang 2021-11-25

Have your mentors been helpful and responsive?

Yes, our mentors are very helpful and responsive.

Is the PPMC managing the podling's brand / trademarks?

Yes, all good here.

Signed-off-by:

- (inlong) Junping Du
Comments:
- (inlong) Justin Mclean
Comments:
- (inlong) Sijie Guo
Comments:
- (inlong) Zhijie Shen
Comments:
- (inlong) Jean-Baptiste Onofré
Comments:

IPMC/Shepherd notes:

Kyuubi

Kyuubi is a distributed multi-tenant Thrift JDBC/ODBC server for large-scale data management, processing, and analytics, built on top of Apache Spark and designed to support more engines.

Kyuubi has been incubating since 2021-06-21.

Three most important unfinished issues to address before graduating:

1. Gain more active contributors/committers to build a diverse community
2. Make Apache releases regularly and keep the quality for all releases
3. Improve project structure and documentation

Are there any issues that the IPMC or ASF Board need to be aware of?

None

How has the community developed since the last report?

- Adds two new Committers
- 3 new contributors join code contribution. There are currently 57 contributors and 11 committers.
- 19 authors have pushed 86 commits to master and 104 commits to all branches. On master, 337 files have changed and there have been 15,604 additions and 2,774 deletions.
- Several discussions/bug reports on the GitHub Issues/WeChat groups, etc.
- Participate in 1 online meetup (with Rokect MQ & Hudi together) to share kyuubi

How has the project developed since the last report?

- Release v1.4.0-incubating on 2021-12-10

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release
- Community building
- Nearing graduation
- Other:

Date of last release:

- 2021-12-10

When were the last committers or PPMC members elected?

- 2021-12-15 Yang Hua
- 2021-12-15 Dongdong Hong

Have your mentors been helpful and responsive?

- Mentors are helpful and always responsive.

Is the PPMC managing the podling's brand / trademarks?

Yes

Signed-off-by:

- (kyuubi) Willem Ning Jiang
Comments:
- (kyuubi) Jeff Zhang
Comments:
- (kyuubi) Duo Zhang
Comments:
- (kyuubi) Akira Ajisaka
Comments:

IPMC/Shepherd notes:

Liminal

Apache Liminal is an end-to-end platform for data engineers and scientists, allowing them to build, train and deploy machine learning models in a robust and agile way.

Liminal has been incubating since 2020-05-23.

Three most important unfinished issues to address before graduating:

1. Grow developers community.
2. Adoption of the project by a few companies.
3. More features and integrations with eco-system projects.

Are there any issues that the IPMC or ASF Board need to be aware of?

NA

How has the community developed since the last report?

We have presented Liminal to few companies and received important feedback. We have held our first Liminal meetup and also presented in Pydata IL. In addition we got first PRs from a new guy.

How has the project developed since the last report?

We have worked on version 0.0.4, which will be released in 01/2022. This version among other features will introduce a coherent extensibility API and support in Airflow 2.0. We have also worked on 1 click installation in AWS cloud including provisioning of infrastructure and Liminal install.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release
- Community building
- Nearing graduation
- Other:

Date of last release:

2021-08-12

When were the last committers or PPMC members elected?

NA

Have your mentors been helpful and responsive?

Very responsive and helpful.

Is the PPMC managing the podling's brand / trademarks?

NA

Signed-off-by:

- (liminal) Jean-Baptiste Onofré
Comments:
- (liminal) Henry Saputra
Comments:
- (liminal) Uma Maheswara Rao G
Comments:
- (liminal) Davor Bonaci
Comments:
- (liminal) Liang Chen
Comments:

IPMC/Shepherd notes:

Milagro

Milagro is core security infrastructure and crypto libraries for decentralized networks and distributed systems.

Milagro has been incubating since 2015-12-21.

Three most important unfinished issues to address before graduating:

1. Continue to build relevant and useful crypto libraries and applications for decentralized networks in order to grow the ecosystem of users and contributors to the project.
2. Continue to improve compliance with the Apache Way. In particular to update the Milagro website and other project sites (e.g. Whimsy) in accordance with Apache policies.
3. Further releases to increase the scope of the Milagro project, extend the capability of existing releases and to demonstrate improved compliance with the Apache Way.

Are there any issues that the IPMC or ASF Board need to be aware of?

Administrative tasks are still outstanding due to members' other commitments and the pandemic. These include in particular, a PPMC meeting to discuss the project roadmap needs to be arranged, old releases need to be deleted, confirmation that the project's Whimsy, Clutch, SVN, Confluence & Committers pages are all current, and the code signing keys needs countersigning. Investigations into a redirect on Milagro's home page and an XSS vulnerability on the Decentralized Trust Authority's Swagger page are ongoing.

How has the community developed since the last report?

No change.

How has the project developed since the last report?

No change.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release
- Community building
- Nearing graduation
- Other:

Date of last release:

2020-02-10

When were the last committers or PPMC members elected?

February 2020

Have your mentors been helpful and responsive?

No issues.

Is the PPMC managing the podling's brand / trademarks?

No known issues, but further investigation is still required by the Milagro community.

Signed-off-by:

- (milagro) Nick Kew
Comments:
- (milagro) Jean-Frederic Clere
Comments:

IPMC/Shepherd notes:

NuttX

NuttX is a mature, real-time embedded operating system (RTOS).

NuttX has been incubating since 2019-12-09.

Three most important unfinished issues to address before graduating:

1. Clear any potential infringing use of the NuttX trademark
2. Achieve a non-WIP Disclaimer release under Apache
3. Continue to grow the community with people from different background

Are there any issues that the IPMC or ASF Board need to be aware of?

The project has begun to discuss graduation to TLP and hopes to start this process in the near future. We would appreciate any helpful feedback that will assist us in taking this important step forward.

How has the community developed since the last report?

- Virtually all communications have moved from old venues to dev@nuttx.apache.org. The dev list contains 254 subscribers and is the home of most development discussions and user questions.
- GitHub's PRs and Issues also have their own discussions.
- We are seeing new contributors to the project through GitHub.
- One contributor was added as a committer: Petro Karashchenko.

How has the project developed since the last report?

- We continue to make significant steps toward license clearing, needed for graduation. Most files have been cleared and now have the ASF header.
- NuttX-10.2 was released on November 23, 2022.
- Many technical improvements, bug fixes, and new architectures have been collaborated and work continues with several pull requests merged per day.
- We have listened to the valuable feedback received during our previous releases and continue to improve our documentation. This can be found at <https://nuttx.apache.org/docs/latest/>.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release
- Community building
- Nearing graduation
- Other:

Date of last release:

NuttX-10.2.0 was released on 2022-11-23.

When were the last committers or PPMC members elected?

Last elected PPMC: 2021-05-08

Last committer added: 2022-12-27

Have your mentors been helpful and responsive?

Mentors are helpful and responsive.

Is the PPMC managing the podling's brand / trademarks?

Podling name was approved on May 17th 2020: <https://s.apache.org/4hfzx>

Signed-off-by:

- (nuttx) Duo Zhang
Comments:
- (nuttx) Junping Du
Comments:
- (nuttx) Justin Mclean
Comments:
- (nuttx) Mohammad Asif Siddiqui
Comments:
- (nuttx) Flavio Paiva Junqueira
Comments:

IPMC/Shepherd notes:

PageSpeed

PageSpeed represents a series of open source technologies to help make the web faster by rewriting web pages to reduce latency and bandwidth.

PageSpeed has been incubating since 2017-09-30.

Three most important unfinished issues to address before graduating:

1. Grow the number of active developers
2. Enhance the release process: switch to github tagged release to simplify.

Are there any issues that the IPMC or ASF Board need to be aware of?

While there is a healthy user base, the number of active developers remains persistently low. This seems to be a hard to address challenge.

How has the community developed since the last report?

Mailing lists and git issues are active. The number of active developers is unchanged.

How has the project developed since the last report?

Minor activity.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release

- Community building
- Nearing graduation
- Other:

Date of last release:

The week of May 11th, 2020

When were the last committers or PPMC members elected?

May 27 2019 (Longinos Ferrando, elected as both committer and PMC member)

Have your mentors been helpful and responsive?

Yes

Is the PPMC managing the podling's brand / trademarks?

As far as we know the brand is respected by third parties.

Signed-off-by:

- (pagespeed) Jukka Zitting
Comments:
- (pagespeed) Leif Hedstrom
Comments:
- (pagespeed) Nick Kew
Comments:

IPMC/Shepherd notes:

Pegasus

Pegasus is a distributed key-value storage system which is designed to be simple, horizontally scalable, strongly consistent and high-performance.

Pegasus has been incubating since 2020-06-28.

Three most important unfinished issues to address before graduating:

1. Grow the community, attracting more users, contributors and committers
2. Resolve the license problems
3. Publish more releases in ASF policy regularly

Are there any issues that the IPMC or ASF Board need to be aware of?

N/A

How has the community developed since the last report?

Since the last report, we have raised a online community communication on 2021-12-20.

How has the project developed since the last report?

Since the last report, we have published a new release 2.3.0

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release
- Community building
- Nearing graduation
- Other:

Date of last release:

2021-11-26: Apache Pegasus (incubating 2.3.0)

When were the last committers or PPMC members elected?

New committer: Yanzhao Tang (2021-07-07)

Have your mentors been helpful and responsive?

Yes

Is the PPMC managing the podling's brand / trademarks?

Yes

Signed-off-by:

- (pegasus) Kevin A. McGrail
Comments:
- (pegasus) Duo zhang
Comments:
- (pegasus) Liang Chen
Comments:
- (pegasus) Von Gosling
Comments:
- (pegasus) Liu Xun
Comments:

IPMC/Shepherd notes:

Pony Mail

Pony Mail is a mail-archiving, archive viewing, and interaction service, that can be integrated with many email platforms.

Pony Mail has been incubating since 2016-05-27.

Three most important unfinished issues to address before graduating:

1. Growing the community
2. Cutting a Foal release

Are there any issues that the IPMC or ASF Board need to be aware of?

None

How has the community developed since the last report?

No development since last.

How has the project developed since the last report?

Work continues on Foal at a good pace.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release
- Community building
- Nearing graduation
- Other:

Date of last release:

2019-04-20

When were the last committers or PPMC members elected?

Sean Palmer was voted in as committer on 2021-04-02

Have your mentors been helpful and responsive?

No answer.

Is the PPMC managing the podling's brand / trademarks?

No answer.

Signed-off-by:

- (ponymail) John D. Ament
Comments: I think its time we just call it - the podling is stable, has some contributors, but wouldn't ever be a big project. Time to graduate already!
- (ponymail) Sharan Foga
Comments:

IPMC/Shepherd notes:

ShenYu

ShenYu is a high performance Microservices API gateway in Java ecosystem, compatible with a variety of mainstream framework systems, it supports hot plugin loading.

ShenYu has been incubating since 2021-05-03.

Three most important unfinished issues to address before graduating:

1. Releasing more and more versions.
2. Well-organized documentation, license, branding, compliance with apache specifications.
3. Building a diverse community with open governance.

Are there any issues that the IPMC or ASF Board need to be aware of?

None.

How has the community developed since the last report?

- 23+ new contributors and 3+ new committer participate in the community since entered the last report. There are currently 234 contributors and 29 committers.
- 180+ pull request since entered the last report.
- Perform source code parsing and code refactoring activities.
- Number of GitHub stars increased (last report: 5440, currently: 5752).
- Held 4 community meetings to discuss development tasks and how to build an open governance community.

How has the project developed since the last report?

- Ready for release 2.4.2.
- Add shenyu agent module.
- Add jaeger, zipkin, opentelemetry plugin in shenyu agent.
- Add MQTT plugin.
- Add rpc context plugin.
- Support https for upstream.
- Support XML for shenyu client.
- Support request mapping for shenyu client.
- Support docker compose.
- Support cluster for dubbo plugin.
- Support spring cloud plugin in dist.
- Support big file and image.
- Support response data custom format.
- Support consul and etcd register.
- Support like query in shenyu admin.
- Fix custom spi config.
- Fix connection reset by peer bug.
- Fix dubbo plugin parameter format error.
- Fix oauth2 plugin failed.
- Remove SpEL and Groovy match.
- Refactor netty config in yaml.
- Refactor shenyu client register metadata and uri order.

- Refactor shenyu result.
- Refactor shenyu admin.
- Refactor integration test.
- Refactor unit test.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release
- Community building
- Nearing graduation
- Other:

Date of last release:

Oct 2021.

When were the last committers or PPMC members elected?

Jan 2022

Have your mentors been helpful and responsive?

Our mentors have been helpful and responsive.

Is the PPMC managing the podling's brand / trademarks?

The PPMC manages the podling's brand / trademarks.

Signed-off-by:

- (shenyu) Willem Ning Jiang
Comments:
- (shenyu) Jincheng Sun
Comments:
- (shenyu) Duo Zhang
Comments:
- (shenyu) Kevin Ratnasekera
Comments:
- (shenyu) Atri Sharma
Comments:
- (shenyu) Justin Mclean
Comments:

IPMC/Shepherd notes:

Teaclave

Three most important unfinished issues to address before graduating:

- Improve project structure and documentation
- Grow the community (attracting more committers, contributors, users)
- Publish Apache releases (resolving logistics on Apache release)

Are there any issues that the IPMC or ASF Board need to be aware of?

None.

How has the community developed since the last report?

Since the last report, we have organized two monthly virtual meetups. For each meetup, we have write-ups published on the Teaclave blog.

- Teaclave Meetup #8: <https://teaclave.apache.org/blog/2021-10-14-teaclave-meetup-8/>
- Teaclave Meetup #9: <https://teaclave.apache.org/blog/2021-11-30-teaclave-meetup-9/>

We also published a security advisory on a recent vulnerability on Intel SGX SDK.

- SECURITY ADVISORY OF SMASHEX AND CVE-2021-0186: <<https://teaclave.apache.org/blog/2021-10-25-security-advisory-of-smashex-and-cve-2021-0186/>>

To promote the recent TrustZone SDK in the Chinese community, we published a blog on getting started with the SDK for newcomers.

- TEACLAVE TRUSTZONE SDK TRUSTZONE : <<https://teaclave.apache.org/blog/2021-10-15-developing-teaclave-application-with-teaclave-trustzone-sdk/>>

How has the project developed since the last report?

Here are the summaries of recent progress:

Teaclave Faas Platform

- [docker] start Teaclave docker services with auto-detection mechanism
- Support selectively including executors (#574)
- Optimize RPC memory footprint of serde (#577)
- Persistent MockDB in test mode. (#580)
- Flush DB and compact_range after dequeue operation
- API updates (#588): UpdateFunction, ListFunction, DeleteFunction, UserUpdate, UserRegister, UserUpdate
- Introduce role-based user management and access control
- Bug fixes and code refactoring

Teaclave TrustZone SDK

- Update Rust toolchain to nightly-2021-09-20 and std to 1.56.1

Teaclave SGX SDK

- Support Intel SGX SDK 2.15, DCAP 1.12
- Update rust toolchain to nightly-2021-11-01

Website

- [blog] Teaclave Meetup #8: <https://teaclave.apache.org/blog/2021-10-14-teaclave-meetup-8/>
- [blog] Teaclave Meetup #9: <https://teaclave.apache.org/blog/2021-11-30-teaclave-meetup-9/>
- [blog] SECURITY ADVISORY OF SMASHEX AND CVE-2021-0186: <<https://teaclave.apache.org/blog/2021-10-25-security-advisory-of-smashex-and-cve-2021-0186/>>
- [blog] TEACLAVE TRUSTZONE SDK TRUSTZONE : <<https://teaclave.apache.org/blog/2021-10-15-developing-teaclave-application-with-teaclave-trustzone-sdk/>>

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release
- Community building
- Nearing graduation
- Other:

Date of last release:

2021-08-23: Apache Teaclave (incubating) 0.3.0

When were the last committers or PPMC members elected?

- 2021-09-20: Yuan Zhuang (Apache ID: yuanz), Committer
- 2021-09-20: Rong Fan (Apache ID: fanrong), Committer

Have your mentors been helpful and responsive?

Yes, our mentors work responsively to help us with electing new mentors, developing new features, fixing bugs, and expanding the community.

Is the PPMC managing the podling's brand / trademarks?

We don't find any 3rd parties incorrectly using the podling's name and brand. The VP, Brand has approved the project name. (PODLINGNAMESEARCH-175)

Signed-off-by:

- (teaclave) Felix Cheung
Comments:

- (teaclave) Furkan Kamaci
Comments:
- (teaclave) Jianyong Dai
Comments:
- (teaclave) Matt Sicker
Comments:
- (teaclave) Zhijie Shen
Comments:
- (teaclave) Gordon King
Comments:

IPMC/Shepherd notes:

YuniKorn

YuniKorn is a standalone resource scheduler responsible for scheduling batch jobs and long-running services on large scale distributed systems running in on-premises environments as well as different public clouds.

YuniKorn has been incubating since 2020-01-21.

Three most important unfinished issues to address before graduating:

1. Increase the number of contributors and committers.
2. Improve the ease of deployment and provide upgrade support.
3. Release process and planning improvements.

Are there any issues that the IPMC or ASF Board need to be aware of?

No issues at this point in time.

How has the community developed since the last report?

Two new mentors added. A new PPMC member and committer added. Two new committers were invited and have accepted but not announced yet. Multiple new contributors added to the community. Released v0.12.1, work on v1.0.0 is in progress.

How has the project developed since the last report?

Working towards a v1.0 release. Major changes planned for the release to limit tech debt in the future.

Some statistics for the report period (2021-10-01 till 2021-12-31):

JIRA: 121 created, 115 resolved

PRs: 105 opened, 102 resolved

18 unique active code contributors (cumulative for all repos)

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release
- Community building
- Nearing graduation
- Other:

Date of last release:

2021-12-26

When were the last committers or PPMC members elected?

2021-12-21 & 2021-12-23 committers elected

2021-12-18 PPMC member elected

Have your mentors been helpful and responsive?

Yes

Is the PPMC managing the podling's brand / trademarks?

No issues that we are aware of.

Signed-off-by:

- (yunikorn) Junping Du
Comments:
- (yunikorn) Felix Cheung
Comments:
- (yunikorn) Jason Lowe
Comments:
- (yunikorn) Holden Karau
Comments:
- (yunikorn) Wei-Chiu Chuang
Comments:
- (yunikorn) Luciano Resende
Comments:

IPMC/Shepherd notes:

Linkis

Apache Linkis is a computation middleware project, which decouples the upper applications and the underlying data engines, provides standardized interfaces (REST, JDBC, WebSocket etc.) to easily connect to various underlying engines (Spark, Presto, Flink, etc.).

Linkis has been incubating since 2021-08-02.

Three most important unfinished issues to address before graduating:

- Improve project infrastructure(CI, CD, test automation, etc.) and structure to facilitate community collaboration
- Make Apache releases regularly and keep the quality for all releases
- Gain more active contributors and committers to build a diverse community

Are there any issues that the IPMC or ASF Board need to be aware of?

None.

How has the community developed since the last report?

- 73 issues and 93 pull requests since last report(2021/11/18).(issues:total/closed/open 585/415/170,pr: total/closed/open 511/486/25)
- 79 GitHub stars increased (last report: 2283, currently: 2361).
- Prepare for the release of version 1.0.3, complete material preparation and voting mail preparation, etc.

How has the project developed since the last report?

- Apache release 1.0.3 under development, progress 95%.
- Linkis website under development, progress 100%.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release
- Community building
- Nearing graduation
- Other:

Date of last release:

2021-09-02

When were the last committers or PPMC members elected?

2021/08

Have your mentors been helpful and responsive?

Our mentors have been helpful and responsive.

Is the PPMC managing the podling's brand / trademarks?

The PPMC manages the podling's brand / trademarks.

Signed-off-by:

- (linkis) Duo Zhang
Comments:
- (linkis) Lidong Dai
Comments:
- (linkis) Shaofeng Shi
Comments:
- (linkis) Saisai Shao
Comments:
- (linkis) Junping Du
Comments:

IPMC/Shepherd notes: