October2019

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:

- Keep all lines under 76 characters long.
- All content under the ### headings should be indented by two spaces.
- Please don't change the text in the headings or add new ones.
- Include a space after a bullet point or full stop on a numbered list.
- Use [X] (X and no spaces) to sign off reports.

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 October 02	Podling reports due by end of day
Sun October 06	Shepherd reviews due by end of day
Sun October 06	Summary due by end of day
Tue October 08	Mentor signoff due by end of day
Wed October 09	Report submitted to Board
Wed October 16	Board meeting

Shepherd Assignments

Dave Fisher	SDAP
Dave Fisher	Weex
Drew Farris	TVM
Justin Mclean	Livy
P. Taylor Goetz	BatchEE
P. Taylor Goetz	Gobblin
P. Taylor Goetz	ShardingSphere
Timothy Chen	Annotator
Timothy Chen	MesaTEE
Timothy Chen	Tephra
	Amaterasu
	DolphinScheduler
	Flagon
	Hudi
	MXNet
	Milagro
	Omid

	Tamaya
Stian Soiland-Reyes	MesaTEE

Incubator PMC report for October 2019

The Apache Incubator is the entry path into the ASF for projects and codebases wishing to become part of the Foundation's efforts.

This monthly report is in markdown so that it's easier to read. If you are not viewing this in that format, it can be seen here: https://cwiki.apache.org/confluence/display/INCUBATOR/October2019

There are presently 48 podlings incubating. In September, podlings executed 8 distinct releases. We added no new IPMC members and no IPMC members retired.

We have no new podling this month, but there are discussions on several projects, including Apisix. A couple of podlings are heading towards graduation in the next few months. Rya graduated last month, and SINGA should graduate this month.

Several podlings Amaterasu, BatchEE, Omid and Tephra didn't submit a report and have been asked to do so next month. Omid and Tephra have now failed to report twice in a row. MesaTEE also failed to report but is just starting up. Amaterasu's PPMC has failed to respond to Incubator enquires and failer to submit reports for many months and will be shut down. Annotator and SDAP failed to get any mentor sign off and have been asked to report next month.

There were 3 IP clearances.

Further work was done on cleaning up the incubator web site.

Several podlings have now used the new disclaimer policy to good effect.

The new mentor guidance document has had some new content added to it, but we still need to attract other mentors to work on it.

A new straight to top level project has been proposed called Petri as another way of educating external projects and the Apache Way with the option of them bypassing the Incubator and going straight to being a top level project. It's currently unknown what impact this might have on the Incubator short or long term.

At ApacheCon North America there was a Podling's Shark Tank and several talks on incubating subjects and projects. There will be some incubator related talks at the upcoming ApacheCon EU.

At ApacheCon NA meeting was held with ECharts contributors and a few other people from other projects based in China to discuss some of the issues they are having. The conversation was positive, and I believe everyone now has a better understanding of the difficulties faced by these podlings.

There were discussions in ApacheCon NA and at Huawei Connect on several new projects joining the Incubator.

There was a discussion on IP clearance process for Incubating projects which a number of people seem confused about, and the Incubator needs to provide better clarity around what needs to be done in the case where a podling receives a code donation what still in incubation.

A complaint was received (sent to the board) that a podling with the help of it's mentors and the incubator is looking into.

Community

New IPMC members:

None

People who left the IPMC:

None

New Podlings

None

Podlings that failed to report, expected next month

- Amaterasu (will retire)
- Annotator (no mentor sign off)
- BatchEE
- MesaTEE
- Omid

- Tephra
- SDAP (no mentor sign off)

Graduations

- Rya

The board has motions for the following:

- SINGA

Releases

The following releases entered distribution during the month of September:

- DataSketches Cpp 1.0.0
- DataSketches Java 1.0.0
- Druid 0.16.0
- Echarts 4.3.0
- Flagon UserALE.js v2.0.2
- MXNet 1.5.1
- Ratis 0.4.0
- Tuweni 0.8.2

IP Clearance

- Apache Weex - Weex CLI
- Apache Pulsar - Pulsar Manager
- Apache Weex - Weex Loader

Legal / Trademark

N/A

Infrastructure

N/A

Miscellaneous

N/A

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. Release initial versions (should happen this week!)
2. Increase activity from current committers and community.
3. Demonstrate good governance through voting and learning the Incubator process (some more).

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?

Community activity was quiet. However, code is underway for a first release to be ready in the coming week(s) which we hope will increase interest and activity.

How has the project developed since the last report?

Code for a first release is hoped to be available in the coming days with more community members participating in review and critique. Additionally, work in the W3C's ARIA (accessibility) Working Group and on various browser vendor repositories has highlighted new annotation related activity and opportunity for this project. Sadly, we've mostly failed at raising awareness on the list, so the communities "radar" looks quieter than it should...

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:

None yet, but we hope to release before the end of October 2019.

When were the last committers or PPMC members elected?

No new committers nor PPMC members have been added since the last report.

Have your mentors been helpful and responsive?

No check-ins with/from/by mentors in the last 3 months, but we should do one over email within this next quarter.

Signed-off-by:

- (annotator) Nick Kew
  Comments:
- (annotator) Steve Blackmon
  Comments:
- (annotator) Tommaso Teofili
  Comments:

IPMC/Shepherd notes:

DolphinScheduler

Dolphin Scheduler is a distributed and easy-to-expand visual DAG workflow scheduling system dedicated to solving the complex dependencies in data processing, making the scheduling system out of the box for data processing.

Dolphin Scheduler has been incubating since 2019-8-29.

Three most important unfinished issues to address before graduating:

1. GPL license issue about MySQL.
2. Make first Apache releases.
3. Build the CI/CD process, which will help more developers to participate in the contribution.

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?

1. Now there are 30 external contributors on Github besides 8 PPMC members who contributes codes to github.

2. Champion hold a on-line training about Apache release for Developer and Committers
3. Github stars grew from 1700 to 2291 in September
4. Over 58 company users is willing to announce that he is using Dolphin Scheduler: https://github.com/apache/incubator-dolphinscheduler/issues/57

How has the project developed since the last report?

- Champoin setup project infra and PPMC member learned how to use the infra.
- Our Apache website is constructed by a contributor name khadgarmage.
- 145 issues created, 55 issues resolved, 85 pull-requests committed.
- Developers and Contributors are steadily developing the project https://github.com/apache/incubator-dolphinscheduler/issues/690

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:

None

When were the last committers or PPMC members elected?

2019-8-29

Have your mentors been helpful and responsive?

Our mentors were amazingly helpful. They setup the project infra and give us a online training about Apache release and help us to join the Apache meetup in Shanghai. We learned a lot from our mentors about Apache Way.

Signed-off-by:

- (dolphinscheduler) Sheng Wu Comments: Good start for a new project.
- (dolphinscheduler) ShaoFeng Shi Comments: Good start, keep going!
- (dolphinscheduler) Liang Chen Comments:
- (dolphinscheduler) Furkan KAMACI Comments:
- (dolphinscheduler) Kevin Ratnasekera Comments: Good start indeed. I am happy to see the enthusiasm from community in Apache process.

IPMC/Shepherd notes:

Flagon

Flagon is a behavioral logging platform for web pages and apps

Flagon has been incubating since 2016-07-13.

Three most important unfinished issues to address before graduating:

1. Grow the Flagon Committer/Contributor/Community Base
2. Refine release processes for core analytic product (Distill)
3. Finalize (through vote) Flagon logo, post name change

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?

- continued improving [release

processes](https://cwiki.apache.org/confluence/display/FLAGON/UserALE.js+Rel ease+Management+Procedure) and code base

- continued to generate a wide user base
- discussing collaborations for R&D applications
- the community has organically grown with a new contributors

- the community has begun a refactoring of Flagon-Distill

How has the project developed since the last report?

- Completed major updates to website and repos following name change
- Project maturity roadmaps & release plans (JIRA) are maintained
- JIRA boards continue to be maintained.
- Core product source code is well maintained
- Analytical products are being refactored as of report date
- Continued attention and improvement in Apache Process

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:

- 2019-08-21 Flagon UserALE.js (Incubating) 2.0.2
- 2019-07-01 Flagon UserALE.js (Incubating) 2.0.0
- 2019-06-21 Flagon UserALE.js (Incubating) 1.0.0 (ReRelease)

When were the last committers or PPMC members elected?

- Furkan Kamaci (Mentor) 2019-07-24
- Tim Allison (Mentor) 2019-07-17

Have your mentors been helpful and responsive?

- Flagon thanks its new Mentors for their engagement this quarter.

Signed-off-by:

- (Flagon) Lewis John McGibbney
  Comments: I think it is nearly time for the Flagon PPMC to draft a graduation resolution. I've mentioned this on the mailing list and received feedback on it. Recent releases prove that the release process and quality of source code artifacts are no longer blocking issues. I would like to see Flagon graduate in this next quarter.
- (Flagon) David Meikle
  Comments: Progress has been made with new mentors engaged and releases starting to flow.
- (Flagon) Tim Allison
  Comments:
- (Flagon) Furkan Kamaci
  Comments: I agree that Apache Flagon is ready for graduation solution as Lewis mentioned on the mailing list.

IPMC/Shepherd notes:

Gobblin

Gobblin is a distributed data integration framework that simplifies common aspects of big data integration such as data ingestion, replication, organization and lifecycle management for both streaming and batch data ecosystems.

Gobblin has been incubating since 2017-02-23.

Three most important unfinished issues to address before graduating:

1. Revisit Apache Maturity Model assessment. [In progress since last report]
2. Ensure heavy contributors are awarded committership. [In progress since last report]
3. Complete house-keeping tasks like revisiting website, podling namesearch. [In progress since last report]

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

No.

How has the community developed since the last report?

- 65% of commits were from non-committer contributors. (Active contributors are being discussed for being voted as committers)
- Healthy engagement and activity of committers and contributors.
- Email stats since last report: user@gobblin.incubator.apache.org : 14 dev@gobblin.incubator.apache.org : 1426
- There have been 101 Commits since last report: git log --format='%ae %ci' | grep -E '((2019-(0|1)(4|5|6|7|0)))' | cut -d ' ' -f 1 | sort | uniq -c | sort -n
- 66 ie. 65% of those commits were by non-committers: git log --format='%ae %ci' | grep -E '((2019-(0|1)(4|5|6|7|0)))' | cut -d ' ' -f 1 | sort | uniq -c | sort -n
- Gobblin was presented in ApacheCon NA 2019. (jointly by Paypal and LinkedIn engineers).

How has the project developed since the last report?

- Support for filtering and tagging job status in GaaS.
- General purpose UniversalKafkaSource, and enhanced metrics.
- Docker support for Gobblin.
- Revamped Gobblin launcher and setup process.
- Secure template support in GaaS.
- ORC schema evolution support in MR mode.
- Support for new Couchbase version connectors.
- Pluggable Workunit packer and size-estimators.
- Encryption support in SFDC connector.
- Addition of flow level SLAs.
- Dynamic config support for JobSpec, and DAG enhancements.

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:

2018-12-09

When were the last committers or PPMC members elected?

Sudarshan Vasudevan in January, 2019. (Active contributors are being discussed for being voted as committers)

Have your mentors been helpful and responsive?

Yes.

Signed-off-by:

- (gobblin) Jean-Baptiste Onofre
  Comments:
- (gobblin) Olivier Lamy
  Comments:
- (gobblin) Jim Jagielski
  Comments:

IPMC/Shepherd notes:

ShardingSphere

Sharding-Sphere is an ecosystem of transparent distributed database middleware, focusing on data sharding, distributed transaction and database orchestration.

ShardingSphere has been incubating since 2018-11-10.

Three most important unfinished issues to address before graduating:

1. Clear Brand issues with other ecosystem projects.
2. Further ASF culture and processes.
3. Make more apache releases.

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

1. Have two Apache releases already. There are 4.0.0-RC1 and 4.0.0-RC2. All licenses and checklist are fine.
2. There are other several related project on GitHub org in ShardingSphere ecosystem, before or during project joined the ASF incubator, such as extension modules, UI, benchmark and acceptance test, they were using ShardingSphere-* prefix in project name, which may cause brand issue. We are trying to fix these. All ShardingSphere-* have been renamed to OpenSharding-*, and all old releases with ShardingSphere- are declared for not apache release. We have already transfer benchmark and UI project to apache repo and plan to merge extension modules and acceptance test into Apache repo.
3. Another brand related issue is ShardingSphere in DockerHub, including some binary releases, which have been moved apache release versions to ASF Infra

   - https://hub.docker.com/r/apache/sharding-proxy

All of these are only including the approved releases.

Right now, the brand issues are under control, so we think board or IPMC may do not need do any actions for now.

How has the community developed since the last report?

1. Yanan Zhao, Haisheng Sun, Guangyuan Wang and Qi Wang have been voted and joined as committer.
2. There are 74 people to contribute codes to the main repo, it increase pretty quickly. More and more people starting to provide pull requests for new features, minor enhancement, bug fix, example, documentation and answer questions. We are happy to see the community are growing up.
3. Over 100 companies have confirmed they are using ShardingSphere through issue report, our powered-by page Some companies has already provided some patches to feedback the community.

How has the project developed since the last report?

1. Release 4.0.0-RC2 last month, main feature is data encryption.
2. Setup benchmark report which can generate data every day to show performance status of ShardingSphere's changes.
3. Manage contributions for squash merge pull requests, forbidden push dev branch directly and setup code review procedure.
4. Merge donated Sharding-UI project to dev branch and planning to release it at 4.0.0-RC3.
5. Process donated auto scale up tool from community, processing dependencies and licenses now.

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:

2019-08-24

When were the last committers or PPMC members elected?

2019-09-23

Have your mentors been helpful and responsive?

Mentors are responsive and helpful. Things tend to be on the right way.

Signed-off-by:

- (shardingsphere) Craig L Russell Comments:
- (shardingsphere) Benjamin Hindman Comments:
- (shardingsphere) Willem Ning Jiang Comments: Shardingsphere ppmc did a good job to bring more active contributors to the committer list and I saw they were trying hard to growing the community.
- (shardingsphere) Von Gosling

IPMC/Shepherd notes:

Hudi

Hudi provides atomic upserts and incremental data streams on Big Data

Hudi has been incubating since 2019-01-17.

Three most important unfinished issues to address before graduating:

1. Making sufficient number of releases in the Apache way
2. Growing community further by grooming contributors to committers

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?

1. ~400 conversations on dev ML across ~50 topics
2. 20-30 participants for each one month period
3. ~40 support issues opened on GitHub

How has the project developed since the last report?

1. ~1500 gitbox activities over the three months
2. 122 JIRA issues created, 77 resolved
3. Community voted on two release candidates so far. RC3 underway towards first release
4. ApacheCon NA talk was well received at the conference
5. Hudi also featured in few industry blogs as an interesting project in the category.

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:

N/A

When were the last committers or PPMC members elected?

During inception into incubator

Have your mentors been helpful and responsive?

Yes. Very helpful!

Signed-off-by:

- (hudi) Thomas Weise
  Comments: Nice open collaboration on mailing list, close to first incubator release.
- (hudi) Luciano Resende
  Comments:
- (hudi) Kishore Gopalakrishnan
  Comments:
- (hudi) Suneel Marthi
  Comments:

IPMC/Shepherd notes:

Livy

Livy is a service for managing long running Apache Spark contexts in your cluster. It exposes both a REST interface and a JDBC server. With Livy, new applications can be built on top of Apache Spark that require fine grained interaction with many Spark contexts.

Livy has been incubating since 2017-06-05.

Three most important unfinished issues to address before graduating:

1. Grow the community to get more reviews and content. However, at this point, the community might want to consider that it is a stable project that has met its initial functional goals. With multiple public releases under its belt, it might be worth discussing a time to graduate. A substantial increase in community activity in terms of code contribution and related community growth might occur after a new set of functionality/scope is identified for the project. But to date, the existing community and code are following the Apache way.

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?

Moderate activity on mailing lists and code

How has the project developed since the last report?

Working on feature development and bug fix, planning to have a 0.7.0 release this year.

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:

2019-04-01

When were the last committers or PPMC members elected?

2019-01-22

Have your mentors been helpful and responsive?

Yes.

Signed-off-by:

- (livy) Bikas Saha
  Comments: Worthwhile to consider a discussion on graduation.
- (livy) Brock Noland
  Comments:
- (livy) Luciano Resende
  Comments:
- (livy) Jean-Baptiste Onofre
  Comments: Maybe it's time to concretely move forward on graduation.

IPMC/Shepherd notes:

MesaTEE

MesaTEE is a framework for universal secure computing

MesaTEE has been incubating since 2019-08-20.

Three most important unfinished issues to address before graduating:

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

Slow starting up.

How has the community developed since the last report?

Initial committers have not yet signed up to mailing lists (only 4 subscribers, all mentors?)

How has the project developed since the last report?

Initial setup in incubator (mailing list, whimsy).

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:

(none)

When were the last committers or PPMC members elected?

(none)

Have your mentors been helpful and responsive?

No answer

Signed-off-by:

- (mesatee) Felix Cheung
  Comments:
- (mesatee) Furkan Kamaci
  Comments:
- (mesatee) Jianyong Dai
  Comments:
- (mesatee) Luciano Resende
  Comments:
- (mesatee) Matt Sicker
  Comments: I filed the account requests for all the initial committers on 3 Oct as well as an initial suitable name search ticket.
- (mesatee) Zhijie Shen
  Comments:

IPMC/Shepherd notes:

The project is just starting up and did not get a report ready this month. The champion need to work on migrating the initial committers and eventually wider developer community to the apache.org mailing lists. -stain

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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 libs 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
3. Further releases to both extend the capability of the crypto libraries and D-TA, and to demonstrate improved compliance with the Apache Way

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

Please see the comment re: mentors below.

How has the community developed since the last report?

No new members.

How has the project developed since the last report?

Milagro's first ASF release, the crypto-c and crypto-js libraries, was successful. These are modern cryptographic libraries that focus on Elliptic Curve Cryptography. The libraries include support for pairing-based cryptography such as BLS for short signatures and MPIN for multi-factor authentication.

Issue tracking for individual repos has now been implemented in GitHub (Jira may still to be used for high-level planning) and redundant GitHub repos have been archived.

Decentralized Trust Authority (D-TA) server code has been donated by a team lead by Howard Kitto at Qredo & IP clearance forms completed. Milagro's vision is for the D-TA to be a general-purpose key generation, distribution and storage server with an initial focus on a) generating type-3 pairing/identity-based secrets for MPIN zero-knowledge & multi-factor authentication clients and servers, and, b) safeguard shares of secrets such as Bitcoin private keys.

An attempt to release early alpha version of the D-TA failed the Apache Way but efforts to correct this are underway and we hope to have a successful ASF release shortly followed in quick succession by enhanced versions ultimately leading to a production-ready version early next year.

Website (http://milagro.apache.org/users.html) updated with crypto-c, crypto-js and D-TA documentation

How would you assess the podling's maturity?

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

Date of last release:

2019-08-27

When were the last committers or PPMC members elected?

June 2019

Have your mentors been helpful and responsive?

Our mentors haven't been able to commit as much time to the project as they or us would like, but progress is still being made.

Signed-off-by:

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

IPMC/Shepherd notes:

MXNet

A Flexible and Efficient Library for Deep Learning

MXNet has been incubating since 2017-01-23.

Three most important unfinished issues to address before graduating:

1. Revisit Apache Maturity Model Assessment — ONGOING.
2. Address past release issues. Successfully and smoothly make releases - ONGOING.

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

1. Our community is planning for the long-term development of MXNet. RFC: https://github.com/apache/incubator-mxnet/issues/16167 Discussion: https://github.com/apache/incubator-mxnet/issues/9686
2. Our community established the process for conflict resolution and violation reporting.

https://github.com/apache/incubator-mxnet/blob/master/CODE_OF_CONDUCT.md

How has the community developed since the last report?

- The number of GitHub contributors increased to currently 735 (2019-06-24; +4.0% since last report)
- Active discussions on user forums

- - https://discuss.mxnet.io/ (English, 2.1K registered users (+17%) and 9.4K posts (+23%))
  - https://discuss.gluon.ai/ (Chinese, 7.7K registered users (+18%) and 21.1K posts(+10% since last report))
- Active blogs and social media presence

  - Medium (https://medium.com/apache-mxnet) w/ 1.6k followers (+14%)
  - Twitter account (https://twitter.com/ApacheMXNet) w/ 2.3k followers (+8.7%)
  - Meetup group (https://www.meetup.com/pro/deep-learning-with-apache-mxnet/) w/ 10 groups in 8 countries, 2182 members
  - (in China) Zhihu w/ 7.9k followers (+4.0%), WeChat official account w/ 4.6k followers. (+9.5% since last report)
- Active video channels

  - YouTube channel (https://www.youtube.com/apachemxnet) w/ 841 subscriber (+18.6% since last report)
  - Chinese YouTube channel (https://www.youtube.com/channel/UCjeLwTKPMlDt2segkZzw2ZQ) w/ 5.0k subscribers (+13.6%)
  - (in China) bilibili space (https://space.bilibili.com/209599371) w/ 18k subscriber (+20% since last report)
- Highlights in MXNet ecosystem

  - MXNet Gluon book published (https://zh.d2l.ai/) first 34k hard copies
  - Dive into Deep Learning has 59K 28-day active users, and has attracted 15K stars & 210+ contributors on GitHub. It has been adopted as a textbook or reference book by 30+ universities in U.S., China, Spain, Brazil, India, and Australia, such as MIT, UC Berkeley, CMU, IIT Bombay, PKU, and SJTU.
  - GluonCV v0.5.0 release (https://github.com/dmlc/gluon-cv/releases/tag/v0.5.0)
  - GluonNLP v0.8.1 release (https://github.com/dmlc/gluon-nlp/releases/tag/v0.8.1)
  - GluonTS v0.3.3 release (https://github.com/awslabs/gluon-ts/releases/tag/v0.3.3)
  - MXNet Model Server v1.0.7 release (https://github.com/awslabs/mxnet-model-server/releases/tag/v1.0.7)
  - GluonFace (https://github.com/THUFutureLab/gluon-face)
  - DeepInsight (https://github.com/deepinsight/insightface)

How has the project developed since the last report?

1. 1.5.0 release and 1.5.1 patch release: https://github.com/apache/incubator-mxnet/releases/tag/1.5.0 https://github.com/apache/incubator-mxnet/releases/tag/1.5.1 with over 830+ patches of new features, improvements, and fixes.
2. 2.0 Roadmap RFC published:

https://lists.apache.org/thread.html/9d344832757860c0ec897cb79b84f4d552c6c37 e52ae33f2c92b50f7@%3Cdev.mxnet.apache.org%3E 3) Many ongoing projects: * numpy-compatbile deep learning: https://github.com/apache/incubator-mxnet/projects/14; * New Website Launch: https://mxnet.apache.org/ https://github.com/apache/incubator-mxnet/projects/17 4) Github statistics of last month:

- Aug 30, 2019 – Sept 30, 2019: Excluding merges, 54 authors have pushed 128 commits to master and 164 commits to all branches. On master, 1038 files have changed and there have been 55,926 additions and 32,705 deletions.

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:

2019-10-01

When were the last committers or PPMC members elected?

2019-10-01

Have your mentors been helpful and responsive?

Yes, mentors have been responsive and helpful as usual

Signed-off-by:

- (mxnet) Henri Yandell
  Comments:
- (mxnet) Markus Weimer
  Comments:
- (mxnet) Michael Wall
  Comments: PPMC is doing a good job of working through an issue with community interactions.
- (mxnet) Bob Paulin
  Comments:
- (mxnet) Jason Dai
  Comments:

SDAP

SDAP is an integrated data analytic framework for Big Science problems.

SDAP has been incubating since 2017-10-22.

Three most important issues to address in the move towards graduation:

1. Make official SDAP (Incubating) Release
2. Improve/create user guide documentation
3. Improve committer participation

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

No.

How has the community developed since the last report?

Interest in the project has increased after presentation at ApacheCon. New `#sdap` channel created on the-asf.slack.com

How has the project developed since the last report?

Frank Greguska attended ApacheCon NA and presented an overview of SDAP.

Discussion about what is necessary to produce a release were beneficial and the path forward is clear. Goal is to get a source release before the end of the year.

How would you assess the podling's maturity?

There are several deployments of SDAP actively being used and interest is high. However, active participation from project members is low. First source release should be coming soon.

Please feel free to add your own commentary.

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

Date of last release:

XXXX-XX-XX

When were the last committers or PPMC members elected?

Maya Debellis was elected as a committer on 2019-02-08

Have your mentors been helpful and responsive?

Yes, mentors have been helpful and responsive.

Signed-off-by:

- (sdap) Jörn Kottmann Comments:
- (sdap) Trevor Grant Comments:
- (sdap) Lewis John McGibbney Comments:

TVM

TVM is a full stack open deep learning compiler stack for CPUs, GPUs, and specialized accelerators. It aims to close the gap between the productivity-focused deep learning frameworks, and the performance- or efficiency- oriented hardware backends.

TVM has been incubating since 2019-03-06.

Three most important unfinished issues to address before graduating:

1. Source code and website migration to ASF infra
2. Make the first Apache release
3. Continue to grow the community

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

No

How has the community developed since the last report?

TVM community has welcomed four committers since last report. We also made our first presentation at ApacheCon NA.

How has the project developed since the last report?

The project has been quite health, with ~120 pull requests being merged every months. These pull requests are authored by a diverse set of contributors (~50 authors last month).

Some highlights of recent developments:

- New integer analysis infrastructure
- Initial computation support
- Support for running quanitized models

For detailed information about the project development, please refer to the monthly TVM community's monthly summary:

- Oct: https://discuss.tvm.ai/t/tvm-monthly-september-2019/4219
- Aug: https://discuss.tvm.ai/t/tvm-monthly-august-2019/3904
- July: https://discuss.tvm.ai/t/tvm-monthly-july-2019/3600
- June: https://discuss.tvm.ai/t/tvm-monthly-june-2019/3202

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:

no release yet

When were the last committers or PPMC members elected?

Sep 30 2019

Have your mentors been helpful and responsive?

Mentors are very helpful in providing helpful guidance.

Signed-off-by:

- (tvm) Byung-Gon Chun
  Comments: great progress
- (tvm) Sebastian Schelter
  Comments:
- (tvm) Henry Saputra
  Comments: Will start working on repo migration
- (tvm) Timothy Chen
  Comments:
- (tvm) Furkan Kamaci
  Comments:
- (tvm) Tianqi Chen
  Comments:

IPMC/Shepherd notes:

Weex

Weex is a framework for building Mobile cross-platform high performance UI.

Weex has been incubating since 2016-11-30.

Three most important unfinished issues to address before graduating:

1.
   - Problem: The binary convenience library of Weex should exclude the LGPL runtime(Webkit).
   - Solution: We will fix it by this PR
1.
   - Problem: A collection of Weex's tools should be donated to ASF, as they are essential part of building Weex App.
   - Solution: We'd like to make those tools doanted to ASF, and currently we're under IP clearance process.
1.
   - Problem: The Java pacakge should be renamed from `com.taobao.weex` to `org.apache.weex`.
   - Solution: **Resolved** by this PR.

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

No

How has the community developed since the last report?

- Learning Apache way and its value behind rules, then summarized a graduation check-list accoring to project maturity model.
- Spending time to resolve graduation issues, one of the is solved, others shall be fixed soon. And we're hoping graduate from Incubator before next poddling report (i.g. *within 3 months*).
- Weex join the ASOC(Alibaba summer of Code) from July to August, and one of the participant(post-graduate) was elected to committer after the program.

How has the project developed since the last report?

- We have 183 incoming pull request, and 150 of them are merged.
- We have 47 threads in Weex mailing list.
- We have solved 82 Github issues.

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:

2019-07-11

When were the last committers or PPMC members elected?

2019-08-27

Have your mentors been helpful and responsive?

Yes, they are very helpful. I think we are good.

Signed-off-by:

- (weex) Willem Ning Jiang
  Comments: Weex is trying hard to address the LGPL dependencies and branding related issue.
- (weex) Myrle Krantz
  Comments:
- (weex) Jan Piotrowski
  Comments:

Tamaya

Tamaya is a highly flexible configuration solution based on an modular, extensible and injectable key/value based design, which should provide a minimal but extendible modern and functional API leveraging SE, ME and EE environments.

Tamaya has been incubating since 2014-11-14.

Three most important unfinished issues to address before graduating:

1. Grow the PPMC from the existing community.
2. Make another Release, release more often.
3. Blog more about Tamaya features to get a wider feeedback and audience

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

We'd like to graduate soon.

How has the community developed since the last report?

- No new committers or contributors added, but some interaction via Github pull requests. Development is going on slowly but steadily after the summer break.
- New mentor added, kudos to Julian for stepping in.

How has the project developed since the last report?

- Voting took place on 4 RCs - current release candidate 0.4-incubating looks promising
- Current release implements the full Microprofile config spec :-)
- Jira cleanup for release, changes in sandbox and extensions
- Homepage rework
- Julian Feinauer started as new mentor and provided feedback concerning release procedures

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:

2017-05-28 0.3-incubating

When were the last committers or PPMC members elected?

- 2018-12: Aaron Coburn
- 2018-12: William Lieurance

Have your mentors been helpful and responsive?

Yes, thanks to Julian for stepping in and actually being present for Tamaya!

Signed-off-by:

- (tamaya) John D. Ament
- (tamaya) David Blevins
- (tamaya) Kanchana Pradeepika Welagedara
- (tamaya) Julian Feinauer

IPMC/Shepherd notes: