October2020

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 October 07	Podling reports due by end of day
Sun October 11	Shepherd reviews due by end of day
Sun October 11	Summary due by end of day
Tue October 13	Mentor signoff due by end of day
Wed October 14	Report submitted to Board
Wed October 21	Board meeting

Shepherd Assignments

Dave Fisher	Annotator
Dave Fisher	NuttX
Drew Farris	S2Graph
Drew Farris	Teaclave
Justin Mclean	DLab
P. Taylor Goetz	APISIX
P. Taylor Goetz	Weex
P. Taylor Goetz	YuniKorn
Timothy Chen	BlueMarlin
Timothy Chen	Livy
Timothy Chen	Warble
	AGE
	Flagon
	Gobblin
	Liminal

	MXNet
	Milagro
	Pegasus
	Pony Mail
	SDAP
	Sedona
	TVM
	TubeMQ

Report text goes here

Incubator PMC report for October 2020

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 46 podlings incubating. In September, podlings executed 9 distinct releases. We added one IPMC members and none retired. There was one IP clearance in September. IoTDB graduated last month.

This month we were missing reports from Livy, S2Graph, SDAP, Warble and Weex. S2Graph, SDAP, Warble and Weex have all failed to report for several months, and the podlings will be contacted to see about retirement. For the third month, we've also seen more podlings needing to ask mentors and IPMC members to vote on releases. This may be a result of the current pandemic situation or a lack of mentor engagement or both, and it's hard to know for sure.

MXNet progress on resolving issues is still slow, conversation with NVIDIA about changing the licensing terms also seem to have stalled, and they didn't meet their self imposed deadline to resolve the issue. What to do about this was discussed by the IPMC.

TVM made another release and is again proposing to graduate. There are also graduation discussions around Flagon and Superset.

Progress on the policy changes to distributing releases on various platforms has been made and documented on the Incubator web site. All podlings notified of these new guidelines.

The Apache Training project gave commit rights to all Apache committers. The incubator organised a track for Apache@home conference and gave several talks. The talks have been recorded and posted on the ASF youtube channel. Most discussions on the mailing list were around releases and graduations.

Community

New IPMC members:

- Keiichi Fujino

People who left the IPMC:

- None

New Podlings

- Hop

Podlings that failed to report, expected next month

Graduations

- IoTDB

The board has motions for the following:

- Superset?

Releases

The following releases entered distribution during the month of September:

IP Clearance

- Apache Cassandra Harry

Legal / Trademarks

- MXNet legal issues still unresolved

Infrastructure

- N/A

Miscellaneous

- N/A

Table of Contents

AGE

AGE is a multi-model database that enables graph and relational models built on PostgreSQL.

AGE has been incubating since 2020-04-29.

Three most important unfinished issues to address before graduating:

1. Website Deployment.
2. Our first 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?

We are working on developing our community better by engaging more people and getting involved in different events such as outreach program.

How has the project developed since the last report?

The project has been actively developed. The new development has all been pushed actively.

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:

2020-06-30

When were the last committers or PPMC members elected?

None.

Have your mentors been helpful and responsive?

Yes. They have been helpful and very responsive.

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

PPMC is not managing the podling's brand / trademarks.

Signed-off-by:

- (age) Kevin Ratnasekera
  Comments:
- (age) Von Gosling
  Comments: Very near to the first apache release, and needs to be more activity and voice in community, such as dev-mail list, new committers.
- (age) Raphael Bircher
  Comments:
- (age) Felix Cheung
  Comments:

IPMC/Shepherd notes:

BlueMarlin

BlueMarlin will develop a web service to add intelligence functionality to a plain ad system.

BlueMarlin has been incubating since 2020-06-09.

Three most important unfinished issues to address before graduating:

1. Bootstrap the podling
2. Make releases
3. Grow a community

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

None. We are just slow to start.

How has the community developed since the last report?

N/A

How has the project developed since the last report?

This is our first response

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?

N/A

Have your mentors been helpful and responsive?

Bootstrapping fell through the cracks, but now is progressing.

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

No answer.

Signed-off-by:

- (bluemarlin) Dave Fisher
  Comments: I wrote this bare report.
- (bluemarlin) Craig Russell
  Comments:
- (bluemarlin) Jean-Baptiste Onofré
  Comments: Very slow bootstrapping, we will move forward now.
- (bluemarlin) Von Gosling
  Comments: Could not contact the core developers offline :-(
- (bluemarlin) Junping Du
  Comments:
- (bluemarlin) Uma Maheswara Rao G
  Comments:

IPMC/Shepherd notes:

DLab

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

DLab has been incubating since 2018-08-20.

Three most important unfinished issues to address before graduating:

1. Alter all artifacts according to a new podling name.
2. Start graduation steps.

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 a new committer (java-developer) - Pavel Papou and a new PPMC member - Oleg Fuks (java-developer).

How has the project developed since the last report?

1. The team has released v.2.4.0.
2. Our team is working towards the release 2.5.0 which contains migration to Py3, Edge node recreation capability, support of Spark v.3.x.x, localization, switch to modular architecture.

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:

2020-17-09

When were the last committers or PPMC members elected?

The last committer was elected on August 31, 2020 and the last PPMC member was elected on July 27, 2020.

Have your mentors been helpful and responsive?

Yes, our mentors are super helpful and responsive.

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

The new name has been approved. Now we are working in the direction of changing all references to DLab that are publicly accessible to Data Lab.

Signed-off-by:

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

IPMC/Shepherd notes:

Flagon

Flagon is a software tool usability testing platform

Flagon has been incubating since 2016-07-13.

Three most important unfinished issues to address before graduating:

1. Work with IPMC to approve draft graduation resolution (blocking)
2. Update release practices to be consistent with NPM, Python registry (non-blocking)
3. Push new UserALE.js release (non-blocking)

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

- No major issues at this time.
- However, the community has been affected by COVID impacts on certain sectors.

How has the community developed since the last report?

- COVID has affected community engagement and onboarding new committers
- User base remains strong and continues to grow in specific markets
- We continue to train and socialize new committers

How has the project developed since the last report?

- Project maturity roadmaps & release plans are maintained
- Sub-projects are being migrated to Git Issues
- Core product source code is well maintained
- We continue to develop our analytical produce to expand interest

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:

2020-03-27

When were the last committers or PPMC members elected?

- Furkan (Mentor) 2019-07-24
- Tim Allison (Mentor) 2019-07-17
- Arthi Vezhavendan (PPMC) 2017-01-24

Have your mentors been helpful and responsive?

- Our mentors have been very supportive and responsive
- Our mentors have urged us to create a Graduation resolution

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

- To date, there are no known issues of 3rd Party misuse of brand
- 'Flagon' was cleared through the Apache PODLINGNAMESEARCH workflow.
- 'Flagon' branded graphics will conform to Apache's Trademark and Branding policies.

Signed-off-by:

- (flagon) Lewis John McGibbney
  Comments: Flagon is very close to graduation. The podling status page has been updated to reflect reality http://incubator.apache.org/projects/flagon.html This has also been posted to the IMPC general@ channel https://s.apache.org/q0k3q
- (flagon) David Meikle
  Comments:
- (flagon) Tim Allison
  Comments:
- (flagon) Furkan Kamaci
  Comments:

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. Maturity model review and work on associated tasks (in progress).
2. Podling namesearch (in progress).

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?

- Email stats since last report: dev@gobblin.incubator.apache.org : 625 (August), 314 (September)
- There have been 47 Commits since last report: git log --format='%ci' | grep -cE '((2020-0(8|9))|(2020-10))'
- 15 ie. 32% of those commits were by non-committers: git log --format='%ae %ci' | grep -E '((2020-0(8|9))|(2020-10))' | cut -d ' ' -f 1 | sort | uniq -c | sort -n

How has the project developed since the last report?

- Whimsy roster was fixed.
- Graduation discussion has started, and community is working towards it.
- RC1 for new release is in progress.

On technical side:

- New multi event metadata generator.
- Metrics for Jobstatus schema.
- New workunit tracker for GaaS.
- Lineage events for Gobblin streaming mode.
- Dataset specific database registration.
- Migration of pdsc schemas to pdl.
- Better logging and debugging for GobblinHelixTask.
- Compiler health awareness for scheduling flows.

- New ORC writer.
- Multiple bug fixes and performance improvements.

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 (RC1 for new release is in progress, after issues were identified in RC0)

When were the last committers or PPMC members elected?

Tamás Németh and Sudarshan Vasudevan for PPMC in June, 2020.

Have your mentors been helpful and responsive?

Yes.

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

Yes, but we have to perform podling name search.

Signed-off-by:

- (gobblin) Jean-Baptiste Onofre
  Comments:
- (gobblin) Olivier Lamy
  Comments:
- (gobblin) Owen O'Malley
  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. Building community
2. First release
3. Roadmap creation

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?

NA

How has the project developed since the last report?

Project bootstrap has been completed.

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.

When were the last committers or PPMC members elected?

None yet.

Have your mentors been helpful and responsive?

JB & Davor have been assisting to complete the bootstrap.

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

NA.

Signed-off-by:

- (liminal) Jean-Baptiste Onofre
  Comments: Still bootstrapping but moving forward anyway
- (liminal) Davor Bonaci
  Comments: Bootstrapping finishing soon!

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. Address licensing and trademark issues for the binary releases in the community.

   - ONGOING. See update in the next section.

1. Address release issues. Successfully and smoothly make releases without WIP disclaimer.

   - ONGOING.

1. Improve development process and tooling to help reduce the overhead of releases

   - ONGOING.

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

1. The community continues to work towards resolving license and branding issues. See summary below.
2. MXNet 2.0 first public beta, interoperable with NumPy, is on the way: https://github.com/apache/incubator-mxnet/projects/18 RFC: https://github.com/apache/incubator-mxnet/issues/16167
3. We are adopting Github Discussions https://github.com/apache/mxnet/discussions in favor of Discourse forum for closer connection between users and developers. https://discuss.mxnet.apache.org/ (previously discuss.mxnet.io) will serve as an archive for past user discussions.

Status on license and branding issues

The PPMC continues to make progress in resolving license and branding issues. During the a recent release vote on 1.7.0, with the help from Justin, a few more source distribution and branding issues were found. Here is the status on the issues, tracked in INCUBATOR-253. As of now, the PPMC resolved 15 issues, with 9 still left.

Most of the outstanding issues hinge on one key outstanding question, which is whether the components in MXNet that are produced by CUDA NVCC constitutes Category X code. PPMC member employed by Nvidia helped connect Nvidia's representatives including Michael O'Connor, Director of Deep Learning, who have been supportive in the efforts of clarification. Progress is tracked in LEGAL-516. At the moment, NVIDIA's legal is actively exploring options on resolving this issue. Michael requested extension with MXNet PPMC to not treat the related component as Category-X and delay actions until Oct. board meeting.

Also, we discoveredd that there was confusion around MXNet's status around integration with Intel products. In MXNet, there has never been public distribution of MXNet where MKL was included. There was an initial inquiry around whether MKL builds can be enabled but was rejected, so this never came into practice. Also, to my knowledge Intel has not produced custom MXNet builds with closed-source components.

MXNet 1.7.0 release has completed.

So far, PPMC members from Intel (Tao), Nvidia (Dick), and Amazon (Leonard, Henri, Qing, Sheng) have acted to help resolve the issues.

Status on open issues since last update:

1. Source and convenance binary releases containing Category X licensed code. (pending)

Source code releases by the PPMC do not contain Category X code, no issue. Takedown of binary releases by the PPMC on repository.apache.org is on hold, see item 5. PyPI releases are made by third-party. See item 8. 5. Maven releases containing Category X licensed code. (pending)

Takedown of binary releases on repository.apache.org initiated [1]. The scope depends on the resolution of LEGAL-516 [2]. 6. PyPI releases containing Category X licensed code. (pending)

There are no official PyPI releases. Whether the third-party releases are compliant with branding guidelines depend on the resolution of LEGAL-516. 7. Docker releases containing Category X licensed code. (pending)

There are no official Docker releases. Whether the third-party releases are compliant with branding guidelines depend on the resolution of LEGAL-516. 9. Trademark and branding issues with PyPI and Docker releases. (pending)

There are no official PyPI or Docker releases. In addition, as they all contain binary from unmodified MXNet code, whether they are compliant in branding now solely depends on whether they contain Category X licensed code. Refer to item 6, 7. 10. Trademark and brand issues with naming of releases. (pending)

There are no binary releases by the PPMC besides the repository.apache.org releases in item 5. 12. Releases and other nightly builds on https://repo. mxnet.io / https://dist.mxnet.io containing Category X licensed code (resolved)

Neither of the two site contains releases. The binaries are only intended for testing pipelines and are made available only to MXNet developers. As part of the effort to resolve branding concern, public references to these sites are deleted [4]. 14. to 23. Branding and release of 3rd parties containing unreleased code. (pending)

Known pages with issues:

https://docs.nvidia.com/deeplearning/frameworks/mxnet-release-notes/rel_20-0 3.html (item 14, pending) PPMC reached out to Nvidia. Pending action from Nvidia on branding compliance and replying on whether unreleased code was included. https://sourceforge.net/projects/apache-mxnet.mirror/ (item 15, resolved)

PPMC reached out to SourceForge. SourceForge added (incubating) in name. As 1.7.0 release has completed, we removed release candidate tag from GitHub and the the mirror automatically deleted the it [3]. As such, the original issue is resolved. The PPMC will follow up with SourceForge on the functionality of filtering out non-release tags. AWS Marketplace related links

https://aws.amazon.com/marketplace/pp/B07YW8HVLD?qid=1595741035764&sr=0-4&re f_=srh_res_product_title (item 22, pending)

PPMC reached out to Bitnami directly regarding this listing [5]. Bitnami responded and is working on the branding issues.

https://aws.amazon.com/marketplace/search/results?x=0&y=0&searchTerms=%22MXN et (item 23, pending)

PPMC reached out to AWS through internal channel to fix branding issue. Will update in the next few days. In addition, MXNet PPMC identified several more listings that require correction according to the branding guideline on AWS marketplace that are related to AWS Deep Learning Container/DLAMI [6], and are actively working on addressing them.

Reference links [1]: https://issues.apache.org/jira/browse/INFRA-20442 [2]: https://issues.apache.org/jira/browse/LEGAL-516 [3]: https://sourceforge.net /projects/apache-mxnet.mirror/ [4]: https://issues.apache.org/jira/browse/LEGAL-515?focusedCommentId=17174133&pa ge=com.atlassian.jira.plugin. system.issuetabpanels:comment-tabpanel#comment- 17174133 [5]: https://lists.apache.org/thread.html/r1fabd3c081286b06b6e9c9283cb5986450f07d 52309db3b74bfe3a24%40%3Cprivate.mxnet.apache.org%3E [6]: https://lists.apache.org/thread.html/r3f95f5766e8f1ee8fbd8183720804afdc1678f 0149f56144da

How has the community developed since the last report?

- The number of GitHub contributors increased to currently 836 (2019-10-08; +7.0% since last report)
- Active discussions on user forums

  - https://discuss.gluon.ai/ (Chinese, 8.5K registered users (+2.2%) and 22.4K posts(+1.0% since last report))
- Active blogs and social media presence

  - Medium (https://medium.com/apache-mxnet) w/ 1.94k followers (+7.8%)
  - Twitter account (https://twitter.com/ApacheMXNet) w/ 2.7k followers (+2.7%)
- Active video channels

- YouTube channel (https://www.youtube.com/apachemxnet) w/ 1.27k subscriber (+7.6% since last report)
- Chinese YouTube channel (https://www.youtube.com/channel/UCjeLwTKPMlDt2segkZzw2ZQ) w/ 6.28k subscribers (+1.4%)
- (in China) bilibili space (https://space.bilibili.com/209599371) w/ 25k subscriber (+4.1% since last report)
- Highlights in MXNet ecosystem

  - Dive into Deep Learning has 74K 28-day active users, and has attracted 26.5K stars & 322 contributors on GitHub. It has been adopted as a textbook or reference book by 100+ universities from 30 countries, such as Stanford, MIT, UC Berkeley, CMU, UCambridge.
  - GluonCV v0.8.0 release (https://github.com/dmlc/gluon-cv/releases/tag/v0.8.0)
  - GluonNLP v0.10.0 release (https://github.com/dmlc/gluon-nlp/releases/tag/v0.10.0)
  - GluonTS v0.5.2 release (https://github.com/awslabs/gluon-ts/releases/tag/v0.5.2)
  - Multi-Model Server v1.1.2 release (https://github.com/awslabs/mxnet-model-server/releases/tag/v1.1.2)
  - DeepInsight (https://github.com/deepinsight/insightface)
  - Sockeye 2.2.0 release (https://github.com/awslabs/sockeye)

How has the project developed since the last report?

1. 1.7.0 was released: https://github.com/apache/incubator-mxnet/releases/tag/1.7.0 with over 492+ patches of new features, improvements, and fixes.
2. 2.0 project: https://github.com/apache/incubator-mxnet/projects/18
3. Github statistics of last month:

- Sept 7, 2020 – Oct 7, 2020: Excluding merges, 56 authors have pushed 66 commits to master and 118 commits to all branches. On master, 136 files have changed and there have been 4,393 additions and 1,154 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:

2020-08-24

When were the last committers or PPMC members elected?

2020-09-17

Have your mentors been helpful and responsive?

Yes.

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

Yes. The PPMC conducted more extensive branding and trademarks review, identified some violations and acted on resolving them with offenders, as described in "Status on license and branding issues" section.

Signed-off-by:

- (mxnet) Markus Weimer
  Comments: Thanks for the detailed report. The licensing issues are a tough nutt to crack, but the work will benefit other projects and OSS in general.
- (mxnet) Michael Wall
  Comments: Good report, keep pushing on the licensing issues.
- (mxnet) Bob Paulin
  Comments:
- (mxnet) Jason Dai
  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. Make more releases 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?

None

How has the community developed since the last report?

- Most communications have moved from old venues to dev@nuttx.apache.org. The dev list contains 196 subscribers, an increase of 16% since our previous report, and is the home of all 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.
- Four new committers have joined the team: Adam Feuer, Matias Nitsche, Johannes Schock, and Sebastian Ene.
- We organised the NuttX Online Workshop, a two-day event on August 15th and 16th. We had a bunch of interesting presentations of people using NuttX around the world. Full videos of the online event have been posted at https://www.youtube.com/watch?v=t49wq_ovT50 (day 1) and https://www.youtube.com/watch?v=CIpa3_70PCY (day 2).

How has the project developed since the last report?

- We have successfully made our second release under the ASF umbrella, NuttX-9.1.
- We are already working on our third release, NuttX-10.0.
- Contributions are flowing regularly as PRs in GitHub and as patches in the dev list.
- Many technical improvements, bug fixes, and new architectures have been collaborated and work continues with upwards of a dozen pull requests per day.
- We have listened to the valuable feedback received during our last two releases and revamped our documentation. This can be found at https://nuttx.apache.org/docs/latest/.
- The nightly build is up and running: https://s.apache.org/wnv2u This has helped us to improve our review 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:

NuttX-9.1 was released on 2020-07-22.

When were the last committers or PPMC members elected?

Last elected PPMC: 2020-01-10

Last committer added: 2020-09-23

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: I think there is another blocker for graduation is the license clearance, and community has made some progress.
- (nuttx) Junping Du
Comments:
- (nuttx) Justin Mclean
Comments:
- (nuttx) Mohammad Asif Siddiqui
Comments:
- (nuttx) Flavio Paiva Junqueira
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:

- Attract more contributors and committers.

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?

We've recently attracted two contributors, Venkat Datta and Sen Na. They are actively working on the new data version and deployment tool (in Golang).

How has the project developed since the last report?

- The website has multilingual support now. This is the initial step for the translation afterwards.
- Pegasus v2.1.0 is in the voting process. It will be released soon.

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 Apache Software Releases, Yet.

When were the last committers or PPMC members elected?

None yet.

Have your mentors been helpful and responsive?

Yes. They offered many useful advice towards the first release of Pegasus.

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

Yes.

Signed-off-by:

- (pegasus) Kevin A. McGrail
Comments: Starting to shape up and get releases done!
- (pegasus) Duo Zhang
Comments: Glad to see that we will have our first release soon.

- (pegasus) Liang Chen
  Comments:
- (pegasus) Von Gosling
  Comments: Good to see the RC3 voting start. and low barrier to attract more contributors.

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. Grow the community, get more committers

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

Nope

How has the community developed since the last report?

We have gotten some very good activity from a new contributor working on ID generators and email parsing. The community briefly discussed graduating earlier this year, something we should pick up on again.

How has the project developed since the last report?

Work has begun on a next generation suite of tools for the project, as well as significant work being done on the email generators front and unit testing frameworks.

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?

Sebb was added as committer on 2016-10-10

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:
- (ponymail) Sharan Foga
  Comments:
  Good to see some significant activity happening in the last quarter. Community building has always been the challenge so to see a new contributor participating is great.

IPMC/Shepherd notes:

JM: Please answer all of the question in the report next time.

Sedona

Sedona is a big geospatial data processing engine. It provides an easy to use APIs for spatial data scientists to manage, wrangle, and process geospatial data.

Sedona has been incubating since 2020-07-19.

Three most important unfinished issues to address before graduating:

1.The name change in the source code 2.The first release 3.

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?

The community has been active in the past month. We have received emails and Gitter chats from many users. The GitHub repo also received more stars. However, we notice that, since we close the "Issues" function on GitHub, many users seem not to post questions to JIRA and mailing list. Some of them chose to send emails directly to the committers. We would like to figure out a way to guide the users to the right channel.

How has the project developed since the last report?

Since the last report, we have published our new project website under the Apache domain: http://sedona.apache.org/

We have almost finished our first big PR under the new name, Sedona: https://github.com/apache/incubator-sedona/pull/484

The development progress was kind of blocked by this PR. We believe once this PR is accepted, we will move much faster.

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?

The last time when we added committers or PPMC is July 2020. It is when we submitted our proposal.

Have your mentors been helpful and responsive?

Yes, all good here.

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

We haven't seen any ongoing issues regarding this matter.

Signed-off-by:

- (sedona) Felix Cheung
  Comments: New website looks great
- (sedona) Jean-Baptiste Onofré
  Comments: Good progress on the bootstrapping and community build.
- (sedona) George Percivall
  Comments:
- (sedona) Von Gosling
  Comments:

Teaclave

Teaclave is a universal secure computing platform, making computation on privacy-sensitive data safe and simple.

Teaclave has been incubating since 2019-08-20.

Three most important unfinished issues to address before graduating:

1. Improve project structure and documentation
2. Grow the community (attracting more committers, contributors, users)
3. 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 received contributions from a new contributor. We also received many issue reports and questions regarding the usages, bugs, and roadmap of Teaclave. Also, we presented the Teaclave project in recent ApacheCon to the community and received some useful feedback.

How has the project developed since the last report?

The main goal of development since the last report is to resolve logistics towards the first Apache release. This includes license checking, building system improvement, documentation and write-ups. On Oct 9th, the Teaclave community and incubator has passed 0.1.0 release voting.

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:

2020-10-09

When were the last committers or PPMC members elected?

We haven't started new committers or PPMC members elections yet. Currently, our work focuses on the first Apache release. We'll switch to community building in the next quarter. Currently, we already have potential candidates for the new PPMC members election.

Have your mentors been helpful and responsive?

Yes. They have been helpful and very responsive for the first public release.

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: congrats on the first release
- (teaclave) Furkan Kamaci
  Comments:
- (teaclave) Jianyong Dai
  Comments:
- (teaclave) Luciano Resende
  Comments:
- (teaclave) Matt Sicker
  Comments:

- (teaclave) Zhijie Shen
  Comments:

TubeMQ

TubeMQ is a distributed messaging queue (MQ) system.

TubeMQ has been incubating since 2019-11-03.

Three most important unfinished issues to address before graduating:

1.Keep growing the community, attract more contributors and committers 2.Release Apache standard releases regularly 3.Continuously improve system performance and increase system features

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

We hope more IPMCs will pay attention to our project and give more suggestions.

How has the community developed since the last report?

Since the last report, the TubeMQ community has attracted many real users who have given feedback to the project many bugs, and enthusiastic contributors have made multilingual SDK contributions to the project and successfully applied them in the actual environment; the community periodically releases iteratively to provide stable and easy-to-use new features.

How has the project developed since the last report?

This stage is mainly for the development and implementation of multi-language SDKs: the C/C++ SDK delivery has been completed; at the same time, SDKs for Go, Python, Rust and other languages are under development. In addition to the new features of the multi-language SDKs, the project initiated the development of the tubemq-manager module for cross-cluster control to make the project more usable; for details, please refer to our project issues: https://issues.apache.org/jira/projects/TUBEMQ/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:

2020-07-22

When were the last committers or PPMC members elected?

dockerzhang was added as committer on 2020-07-13

Have your mentors been helpful and responsive?

The mentors gave us a lot of help and guidance at the beginning of the project, but as the project deepened, the mentors paid less attention. We hope that the mentors can continue to pay attention to the development of our project and continue to provide help and suggestions to the project.

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

Yes, all good here.

Signed-off-by:

- (tubemq) Junping Du
  Comments:
- (tubemq) Justin Mclean
  Comments:
- (tubemq) Sijie Guo
  Comments:

- (tubemq) Zhijie Shen
  Comments:
- (tubemq) Jean-Baptiste Onofre
  Comments: Effort is on the community building now, it's on the way.

IPMC/Shepherd notes:

JM: I think if you move some of your GitHub traffic off the dev list and had more discussions there it would help with mentor engagement.

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:

- Keep growing 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 three new committers/PPMC members since last report. There are also on-going new committer nominations. The community is active and vibrate, with wide collaborations from many contributors. The total number of contributors has grown to 440.

The community actively works to resolve the items under the guide of the Apache maturity model.

How has the project developed since the last report?

A lot of improvements have been made. Including automatic scheduling, better documentations, command line support

See also our monthly reports for detailed improvements

- July https://discuss.tvm.apache.org/t/tvm-monthly-jul-2020/7570
- Aug https://discuss.tvm.apache.org/t/tvm-monthly-aug-2020/7791

How would you assess the podling's maturity?

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

Date of last release:

2020-07-10

The community is voting on a new release now

When were the last committers or PPMC members elected?

2020-09-28

Have your mentors been helpful and responsive?

Our mentors are super helpful.

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

yes

Signed-off-by:

- (tvm) Byung-Gon Chun
  Comments:
- (tvm) Sebastian Schelter
  Comments:
- (tvm) Henry Saputra
  Comments: Peak for graduation.
- (tvm) Timothy Chen
  Comments:
- (tvm) Furkan Kamaci
  Comments:
- (tvm) Tianqi Chen
  Comments:
- (tvm) Markus Weimer
  Comments: The project is ready for graduation.

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. Gain more contributors and active committers.
2. Establish a release cadence based on roadmap.
3. Improve the ease of deployment and documentation quality.

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

No critical issues at this point in time.

How has the community developed since the last report?

The community has given multiple presentations at ApacheCON@Home receiving good feedback.

One new committer was added and multiple new contributors were added.

Discussions around new or improved functionality have been started and are progressing in either jira or the mailing list.

How has the project developed since the last report?

A second release was finalised and released. Planning for the next release, based on community use cases, is well on its way for later this year.

A new website was released based on a community contribution using a new build system. The documentation was moved from separate repos to the website.

As part of the latest release the release tool has been improved to remove almost all manual steps.

Some statistics for the report period (2020-07-01 till 2020-09-30)
JIRA: 166 created, 129 resolved
PRs: 69 opened, 108 resolved
13 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:

2020-08-26

When were the last committers or PPMC members elected?

A new committer was voted in and accepted on 21 September 2020. No new PPMC members.

Have your mentors been helpful and responsive?

Yes, votes and guidance on the release

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: I'm excited with the progress.

IPMC/Shepherd notes: