

July2020

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Reflow

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

Timeline

Wed July 01	Podling reports due by end of day
Sun July 05	Shepherd reviews due by end of day
Sun July 05	Summary due by end of day
Tue July 07	Mentor signoff due by end of day
Wed July 08	Report submitted to Board
Wed July 15	Board meeting

Shepherd Assignments

Dave Fisher	Flagon
Dave Fisher	SDAP
Drew Farris	NuttX
Drew Farris	S2Graph
Justin Mclean	Annotator
P. Taylor Goetz	APISIX
P. Taylor Goetz	TVM
P. Taylor Goetz	Teaclave
Timothy Chen	MXNet
Timothy Chen	NLPCraft
Timothy Chen	Pony Mail
	DLab
	Goblin
	Livy

	Milagro
	Pinot
	TubeMQ
	Weex
	YuniKorn

Incubator PMC report for July 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 45 podlings incubating. In June, podlings executed 8 distinct releases. We added no new IPMC members and two retired.

There was one IP clearance in June. There is one new podling Pegasus, HBlock is still being discussed, and one new proposal is being prepared. No projects graduated last month.

This month we were missing reports from AGE, Annotator, Livy, Warble and Weex. All will be asked to report next month. This is the second time that Warble has failed to report. It's uncertain why a large number of podling failed to report but it's likely to be related to current external events.

As reported last month, MXNet podling releases and download page were not in line with ASF release and distribution policy. Since then, further issues have been found, as well as trademark and branding issues. The project has taken steps to correct these issues, but there are still some outstanding concerns. There may not be an active PPMC, as only two people seem to be dealing with the issues.

There is currently an ongoing conversation on providing clear guidance to podlings who want to distribute releases on various platforms. This guidance has existed for some time but has been marked draft.

The Incubator will organise a track at the upcoming Apache@home conference.

A couple of mentors have been added and removed from projects.

Most discussions on the mailing list were around releases and release and header policy graduations and new proposals.

Two podlings SDAP and Spot still need to sort out their roster and private mailing list subscriptions. They have been reminded again to correct this.

Community

New IPMC members:

None

People who left the IPMC:

- Alan Gates
- Henri Yandell

New Podlings

- Pegasus

Podlings that failed to report, expected next month

- AGE
- Annotator
- Livy
- Warble
- Weex

Graduations

- None

The board has motions for the following:

- APISIX

Releases

The following releases entered distribution during the month of June:

- TubeMQ 0.3.0
- Pinot 0.4.0
- DataSketches cpp 2.0.0
- Pagespeed 1.14.36.1
- DolphinScheduler 1.3.0
- IoTDB 0.10.0
- APISIX 1.4
- Ratis 0.5.0

IP Clearance

- ShardingSphere ElasticJob

Legal / Trademarks

- MXNet has multiple trademark issues
- There are several legal JIRAs about MXNet releases

Infrastructure

- N/A

Miscellaneous

- N/A

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APISIX

APISIX is a cloud-native microservices API gateway, delivering the ultimate performance, security, open source and scalable platform for all your APIs and microservices.

APISIX has been incubating since 2019-10-17.

Three most important unfinished issues to address before graduating:

APISIX have already completed all issue, here is a review since the last report.

1. We released APISIX 1.2, APISIX 1.3, those release are done by twenty-eight contributors
2. We added five committers and two PPMC members
3. Resolved branding issues, such as:
 - The website(<http://apisix.apache.org/>) shows more clearly that it is an Apache incubator project
 - The APISIX luarocks package site shows more clearly that it is an Apache incubator project

- Removed external links in github's readme document

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 have released APISIX 1.2, APISIX 1.3, which brings more new features to APISIX and makes APISIX more user-friendly, such as support for ETCD cluster, support for CORS, etc., please check CHANGELOG for details
- Since the last report, APISIX has elected two PPMC members and five committers. Now APISIX has a total of 23 committers and 85 contributors.

How has the project developed since the last report?

APISIX developed very quickly in the first half of 2020. We elected two PPMC members and five committers, as well as a large number of new features and performance improvements, such as support for etcd clusters, support for CORS, etc. For details, please see CHANGELOG. Currently, APISIX is ready to release APISIX 1.4, and prepare for APISIX 1.5. At the same time, APISIX's new Dashboard is also under development and will soon be put into production. It will bring a more stable and easier-to-use management experience for APISIX.

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:

Fri Jun 19 2020 (1.3)

When were the last committers or PPMC members elected?

- At May 3 2020 PPMC members elected a new PPMC member @Nirojan Selvanathan
- At May 29 2020 PPMC members elected a new committer @ShiningRush
- At May 3 2020 PPMC members elected a new PPMC member @Akayeshmantha
- At Jun 8 2020 PPMC members elected a new committer @qiujiayu
- At Jun 8 2020 PPMC members elected a new committer @gxthrx
- At Jun 9 2020 PPMC members elected a new committer @LiteSun
- At Jun 10 2020 PPMC members elected a new committer @dabue

Have your mentors been helpful and responsive?

Yes, mentors are very helpful.

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

Yes, We keep tracking podling's brand / trademarks.

Signed-off-by:

- (apisix) Willem Ning Jiang
Comments:
- (apisix) Justin Mclean
Comments:
- (apisix) Kevin Ratnasekera
Comments:
- (apisix) Von Gosling
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 2011-12-23.

Three most important unfinished issues to address before graduating:

1. Project bootstrap and code donation
2. First release
3. Building 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?

BlueMarlin is in the early incubator stage.

How has the project developed since the last report?

The resources creation are on the way (gitbox, Jira, ...) and code donation as well.

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 yet.

Have your mentors been helpful and responsive?

JB is creating the resources to bootstrap project and he's helping on code review heading to code donation.

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

No Answer.

Signed-off-by:

- (bluemarlin) JB Onofré
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. Guide community to commit code and code review using Apache way.
2. Develop more committers and contributors.

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. Github code contributors grew from 86 to 100, and document contributor grew to 27.
2. Dolphin Scheduler's users wrote their success use case and spread on Internet.
3. Hold a live telecast about new feature of Dolphin Scheduler with local media, and about 400 people join the on-line event.

How has the project developed since the last report?

1. License re-check due to find a conflicts code license announcement by contributor.
2. 1.3.1 was ready to 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:

Date of last release:

2020-2-24

When were the last committers or PPMC members elected?

2020-5-28

Have your mentors been helpful and responsive?

Yes, our mentors help a lot on our progress on reconstruction.

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

Yes, We keep tracking podling's brand / trademarks.

Signed-off-by:

- (dolphinscheduler) Sheng Wu
Comments: Good to see some PPMC member could identify the LICENSE issue even after release.
- (dolphinscheduler) ShaoFeng Shi
Comments:
- (dolphinscheduler) Liang Chen
Comments:
- (dolphinscheduler) Furkan KAMACI
Comments:
- (dolphinscheduler) Kevin Ratnasekera
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. Come up with a new name for DLab.
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 contributor (java-developer), who is working to become a committer.

How has the project developed since the last report?

- The team has released v.2.3.0.
- Now our team is working towards the release v.2.4.0 which contains a lot of new features: bucket browser, audit, support different versions of library installation, custom image for GCP (previously it has been implemented for AWS and Azure). On top of that the current release is focused towards software updating.

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:

2020-24-04

When were the last committers or PPMC members elected?

The last committer was elected on February 2, 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?

We have a couple of naming options for the product. We agreed we need a name for the umbrella of our accelerators, rather than providing all products, implemented by our teams with different names. Process of approving of the new name for the suite of the products is undergoing an internal review and approval process.

Signed-off-by:

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

IPMC/Shepherd notes:

Justin Mclean: Last reports question on the name change was not answered.

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. Grow the Flagon Committer/Contributor/Community Base
2. Refine release processes for core analytic product (Distill)
3. Finalize (through vote) Flagon logo, get marketing approvals (e.g swag)

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

- Despite COVID impacts on our community, Flagon remains active
- No other issues

How has the community developed since the last report?

- COVID has affected community engagement and onboarding new committers
- User base remains strong
- The community has rallied to participate in ApacheCon@Home

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
- The community has begun experimenting with OpenTelemetry to expand interest
- 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:

2020-03-17

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

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

IPMC/Shepherd notes:

Goblin

Goblin 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.

Goblin has been incubating since 2017-02-23.

Three most important unfinished issues to address before graduating:

1. Review of maturity model and associated tasks (in progress).
2. Address gaps identified on whimsy, 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 : 410 (May), 561 (June)
- There have been 64 Commits since last report: `git log --format='%ci' | grep -cE '((2020-0(5|6)))'`
- 41 ie. 64% of those commits were by non-committers: `git log --format='%ae %ci' | grep -E '((2020-0(5|6)))' | cut -d ' ' -f 1 | sort | uniq -c | sort -n`

How has the project developed since the last report?

- Owen O'Malley joined the Gobblin community as a mentor.
- Discussion about graduation has started, and community is working towards it.
- Two PPMC members were voted in.
- Work on new release has started.

On technical side:

- Compaction suite was revamped to make action configurable.
- Flow remove feature for Spec executors was added.
- LogCopier was improved for long running jobs.
- New API for proxy users in Azkaban.
- Support for common properties in Helix job scheduler.
- Hive Distcp support filter on partitioned or snapshot tables.
- Generic wrapper producer client added for Kafka.
- Autocommit added in JDBCWriters.
- Metrics added in all SpecStore implementations.
- Support in GobblinYarnAppLauncher to detach from Yarn app.
- Support for overprovisioning Gobblin Yarn containers.
- Enabled dataset cleaner to emit Kafka events.
- Several other enhancements and bug fixes.

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 (work on new release has started)

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:

Hivemall

Hivemall is a library for machine learning implemented as Hive UDFs/UDAFs/UDTFs.

Hivemall has been incubating since 2016-09-13.

Three most important unfinished issues to address before graduating:

1. Community growth (committers and users)
2. One or more Apache Releases as an Incubator project

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

PPMC need to consider exit approaches (retiring or graduate as Hive subproject).

How has the community developed since the last report?

Not active.

Had an inquiry from a Hive PMC member to be a committer but no contribution made so far.

How has the project developed since the last report?

The development has been calmed down since the last Apache release.

[Created 2 tickets and resolved 2

issues](<https://issues.apache.org/jira/secure/ConfigureReport.jspx?projectOr>

FilterId=project-12320630&periodName=monthly&daysprevious=100&cumulative=tru

e&versionLabels=major&selectedProjectId=12320630&reportKey=com.atlassian.jira.a.jira-core-reports-plugin%3Acreatedvsresolved-report&Next=Next), mainly hotfixes.

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:

2019-12-19

When were the last committers or PPMC members elected?

Elected Jerome Banks as a committer on April 2, 2018.

Have your mentors been helpful and responsive?

Koji is active at mentoring.

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

Yes, we keep tracking podling's brand / trademarks.

Signed-off-by:

- (hivemall) Daniel Dai
Comments:
- (hivemall) Koji Sekiguchi
Comments:

IPMC/Shepherd notes:

Liminal

Apache Liminal is an end-to-end platform for data engineers & scientists, allowing them to build, train and deploy machine learning models in a robust and agile way. The platform provides the abstractions and declarative capabilities for data extraction & feature engineering followed by model training and serving. Apache Liminal's goal is to operationalise the machine learning process, allowing data scientists to quickly transition from a successful experiment to an automated pipeline of model training, validation, deployment and inference in production, freeing them from engineering and non-functional tasks, and allowing them to focus on machine learning code and artifacts.

Liminal has been incubating since 2020-05-23.

Three most important unfinished issues to address before graduating:

1. Bootstrapping resources and code donation
2. Building community
3. First release

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?

Liminal is in early incubator stage, creation of resources has been done (gitbox, jira, etc). The initial committer list submits ICLA and we are preparing the code donation.

How has the project developed since the last report?

This is the first report for Liminal.

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?Warble

None yet.

Have your mentors been helpful and responsive?

JB has created the resources and now he's helping on code review and donation.

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

No answer.

Signed-off-by:

- (liminal) JB Onofré
Comments:
- (liminal) Davor Bonaci
Comments: the project is in the setup phase.

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?

No significant issues, however, similar to the last report, several administrative aspects of the project still have not been dealt with (updating Whimsy, countersigning code signing keys, checking download links, confirming brand/trademark compliance etc.). In addition to this, the private mailing list subscriber list needs clearing of any non-PPMC members and Kirk Baird still needs to be officially added to the list of committers.

How has the community developed since the last report?

No change.

How has the project developed since the last report?

Development has progressed on the Multi Party Computation (MPC) library working towards an official release. The library has been successfully reviewed by the NCC Group and renowned cryptographer Dr. Michael Scott. Their recommendations have been implemented and their reports will be added to the library prior to release. There are plans to improve upon the library post release - in particular to extend the capability from a 2 of 2 threshold to an arbitrary m of n threshold.

Development has also progressed on the version of the core cryptographic library written in Rust. More work is required for this to be in a release ready state.

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:

Justin Mclean: What's the hold up with administrative aspects of the project? Is the PPMC active?

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. Binary Distribution Licensing Issue
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>

Issues with releases and distributions

Background

In May 2020 The MXNet PPMC has proactively initiated a ASF policy compliance review [1](#) and a license review [2](#) with the Apache Legal team.

The license review uncovered that

- Building unmodified MXNet release source code with the optional NVidia GPU support enabled results in a binary subject to restrictions of NVidia EULA.
- PPMC members and committers uploaded convenience releases to repository.apache.org which contain Category-X components. Both GPL and NVidia EULA components were found.

The policy review uncovered that:

- Prior ASF guidance to the PPMC (December 2018 legal review [3](#)) was incomplete and did not include a reference to the "unwritten" rule that convenience binary distributions created by third-parties using ASF Trademarks must not include Category-X components. Based on this discovery, the Draft Downstream Distribution Branding Policy was updated in June 2020 to include the "unwritten" requirement. Based on the updated guidance, PPMC discovered various third-party trademark infringements.

The policy review did not yet conclude on the questions if

- The PPMC may create nightly development builds (audience restricted to dev list subscribers as per Release policy [4](#)) for the purpose of testing and developing MXNet;

List of issues and their status

Justin classified the issues into 14 items.

1. Source and convenience binary releases containing Category X licensed code.

See summary from license review in Background section. Source code releases do not contain Category X code; Takedown of binary releases on repository.apache.org is pending on Apache Infra. (Trademark infringements of 3rd-parties such as on pypi are discussed separately)

1. Website giving access to downloads of non released/unapproved code.

Website contained links to nightly development builds which have been removed [\[5\]](#); Going forward the PPMC intends to begin periodical voting on Alpha and Beta Releases which will then be linked from the website.

1. Website giving access to releases containing Category X licensed code.

Website contained links to third-party distributions incorporating Category-X components (see summary from license review above). Disclaimers were added to the website clarifying the third-party status of the releases and their licenses. [\[5\]](#)

1. Web site doesn't given enough warning to users of the issues with non (P)PMC releases or making it clear that these are not ASF releases.

Website contained links to third-party distributions incorporating Category-X components (see summary from license review above). Disclaimers were added to the website clarifying the third-party status of the releases and their licenses. [5]

1. Maven releases containing Category X licensed code.

See summary from license review in Background section. Source code releases do not contain Category X code; Takedown of binary releases on repository.apache.org is pending on Apache Infra. [6] (Trademark infringements of 3rd-parties are discussed separately)

1. PyPI releases containing Category X licensed code.

There are no PiPy releases by the PPMC. Please refer to the trademark infringement section of the report.

1. Docker releases containing Category X licensed code.

There are no Docker releases by the PPMC. Please refer to the trademark infringement section of the report.

1. Docker releases containing unreleased/unapproved code.

There are no Docker releases by the PPMC. The existence of third-party releases containing unreleased code was approved in 3 and is also in line with the current Downstream Distribution Branding Draft Policy. ("using any particular revision from the development branch is OK" 3)

1. Trademark and branding issues with PiPy and Docker releases.

There are no PiPy releases by the PPMC. Please refer to the trademark infringement section of the report.

1. Trademark and brand issues with naming of releases.

There are no binary releases by the PPMC besides the repository.apache.org releases discussed above, which are being removed. Please refer to the trademark infringement section of the report.

1. Developer releases available to users and public searchable <https://repo.mxnet.io> / <https://dist.mxnet.io>

Links to the nightly development builds were removed from the MXNet website and a robot.txt file was added to prevent indexing of the sites. These websites are removed from Google search index.

1. Releases and other nightly builds on <https://repo.mxnet.io> / <https://dist.mxnet.io> containing category X licensed code.

Neither of the two site contains Releases. It is an open question of the policy review (see Background section above) if nightly development builds may or may not contain Category X components.

1. Lack of clarity on all platforms for what is an ASF release and what is not.

<https://github.com/apache/incubator-mxnet/releases?after=1.2.0> previously did not distinguish MXNet releases prior to MXNet joining the Incubator. Disclaimers were added. Other PPMC platforms do not contain references to non-ASF releases (MXNet releases made prior to MXNet joining the ASF). The PPMC is aware of old third-party releases created prior to MXNet joining the ASF which are still available, but can be clearly separated from the ASF MXNet releases due to the lack of reference to the Apache foundation. PPMC was able to find an exemplar such release at [7]. If there are concerns from the Incubator, PPMC can request the third-parties to take down these releases, as editing their Description to include references to events (MXNet joining Apache) is not supported due to immutability constraints. [8]

1. Branding and release of 3rd parties containing unreleased code. (e.g.

https://docs.nvidia.com/deeplearning/frameworks/mxnet-release-notes/rel_20-0.3.html)

Please refer to the trademark infringement section of the report.

[5]:

<https://github.com/apache/incubator-mxnet/commit/b6b40878f0aba2ba55093f3a4cd517a654847ce#diff-19bc831c1dab6d92d2efc3b87ec5c740> [6]: <https://issues.apache.org/jira/browse/INFRA-20442> [7]: <https://pypi.org/project/mxnet/0.9.5/> [8]: <https://mail.python.org/pipermail/distutils-sig/2017-December/031826.html>

How has the community developed since the last report?

- The number of GitHub contributors increased to currently 781 (2019-03-28; +2.4% since last report)
- Active discussions on user forums
 - <https://discuss.mxnet.io/> (English, 2.8K registered users (+10.5%) and 8.1K posts (+5.2%))
 - <https://discuss.gluon.ai/> (Chinese, 8.3K registered users (+2.5%) and 22.2K posts(+1.3% since last report))
- Active blogs and social media presence
 - Medium (<https://medium.com/apache-mxnet>) w/ 1.8k followers
 - Twitter account (<https://twitter.com/ApacheMXNet>) w/ 2.6k followers (+8.3%)
- Active video channels
 - YouTube channel (<https://www.youtube.com/apachemxnet>) w/ 1.18k subscriber (+13.5% since last report)
 - Chinese YouTube channel (<https://www.youtube.com/channel/UCJeLwTKPMIdt2segkZzw2ZQ>) w/ 6.05k subscribers (+6.0%)
 - (in China) bilibili space (<https://space.bilibili.com/209599371>) w/ 24k subscriber (+9.0% since last report)
- Highlights in MXNet ecosystem

- Dive into Deep Learning has 73K 28-day active users, and has attracted 23.9K stars & 295 contributors on GitHub. It has been adopted as a textbook or reference book by 100+ universities from 27 countries, such as Stanford, MIT, UC Berkeley, CMU.
- GluonCV v0.7.0 release (<https://github.com/dmlc/gluon-cv/releases/tag/v0.7.0>)
- GluonNLP v0.9.1 release (<https://github.com/dmlc/gluon-nlp/releases/tag/v0.9.1>)
- GluonTS v0.5.0 release (<https://github.com/awsmlabs/gluon-ts/releases/tag/v0.5.0>)
- Multi-Model Server v1.1.1 release (<https://github.com/awsmlabs/mxnet-model-server/releases/tag/v1.1.1>)
- DeepInsight (<https://github.com/deepinsight/insightface>)
- Sockeye (<https://github.com/awsmlabs/sockeye>)

How has the project developed since the last report?

1. 1.6.0 was released: <https://github.com/apache/incubator-mxnet/releases/tag/1.6.0> with over 830+ 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:
 - May 28, 2020 – June 28, 2020: Excluding merges, 59 authors have pushed 79 commits to master and 107 commits to all branches. On master, 2,010 files have changed and there have been 10,897 additions and 274,406 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:

2020-02-20

When were the last committers or PPMC members elected?

2020-03-02

Have your mentors been helpful and responsive?

Yes. In particular, Bob has provided guidance on the license and trademark issue.

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

PPMC notes that there are multiple trademark infringements based on both the redistribution of MXNet with addition of unreleased code and the redistribution of MXNet with Category-X GPL and Category-X NVidia components. PPMC intends to handle both issues separately.

Unauthorized redistribution of unreleased code by third-parties

PPMC members have reached out to the offending third parties (Nvidia Corporation and Amazon Web Services) via unofficial channels and notified them of the problem. If the problem is not resolved by the end of July 2020, PPMC will request guidance from the Brand Management Team on how to formally notify the offenders of their trademark infringement.

Unauthorized redistribution of Category-X GPL and NVidia CUDA EULA

components by third-parties

PPMC members note that the issue of "NVidia CUDA EULA infecting any application built with CUDA support" is an industry-wide problem. PPMC is not aware of any individual or corporation correctly labeling their binary distributions subject to the NVidia CUDA EULA. Instead, PPMC found that for example Facebook claims distribution of PyTorch under BSD License (BSD-3) and Google claims distribution of Tensorflow under Apache 2.0 License, despite both being subject to the CUDA EULA. Thus, PPMC has contacted NVidia Corporation and requested NVidia Corporation to add clarifying language that applications based on the CUDA SDK with material additional functionality may be licensed under a license of the application owner's choice, consistent with existing industry "practice". The issue was also discussed with NVidia and other Deep Learning Framework implementers during the Nvidia Deep Learning Framework Developer Council meeting, during which NVidia promised to conclude their internal review and follow-up with the PPMC.

PPMC thus recommends to give NVidia the chance to clarify and improve their license. As NVidia employs a team for working on MXNet, the PPMC is optimistic about receiving a detailed clarification and resolution from NVidia.

If NVidia fails to clarify their license or the resolution is unsatisfactory within Q3 2020, the PPMC will notify any third-parties about their license infringement and ask them to take down or rename their redistributions containing Category-X pieces.

Due the substantial overhead of trademark-infringement takedown notices for any involved party, PPMC is further awaiting NVidia's clarification prior to contacting third-parties about trademark infringement due to inclusion of GPL components. This is to avoid sending two separate takedown notices in case of an unsatisfactory response by NVidia.

The following downstream software distributors are known to the PPMC to be using the name MXNet while redistributing Category-X components

- pypi.org
- hub.docker.com
- ngc.nvidia.com
- aws.amazon.com

Signed-off-by:

- (mxnet) Henri Yandell
Comments: Kudos to the project on the licensing review; respect to Bob and Justin for their work as well.
- (mxnet) Markus Weimer
Comments:
- (mxnet) Michael Wall
Comments: Good progress on the issues. They are complex but important.
- (mxnet) Bob Paulin
Comments: Team is making thoughtful process on the issues. Lots of good support and experience coming from VPs of Brand and Incubator PMC.
- (mxnet) Jason Dai
Comments:

IPMC/Shepherd notes:

Justin Mclean: Good to see progress on these issues. But I have two concerns a) you may not have an active PPMC b) branding all release as "3rd party" may not be the best way to solve the issue. Hopefully the license discussion will be fruitful.

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 168 subscribers, an increase of 30% 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.
- Three new committers and one mentor have joined the team.

How has the project developed since the last report?

- We have successfully made our first release under the ASF umbrella, NuttX-9.0.
- We are already working on our second release.
- 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 on some days.
- The nightly build is up and running: <https://s.apache.org/wnv2u>
This has helped us to improve our review process.
- The community is currently discussing ideas for a new logo design.

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-9.0 was released on 2020-05-11.

When were the last committers or PPMC members elected?

Last elected PPMC: 2020-01-10

Last committer added: 2020-05-17

We have added one new mentor since the last report: Duo Zhang on 2020-06-01.

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:

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 (that's about it)

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

None at present.

How has the community developed since the last report?

Discussion about graduation has been ongoing, but stagnated in the summer months. Something to pick up later, no rush on graduation.

How has the project developed since the last report?

A new Web UI is being proposed donated to the project. As things are slow during summer, this might take a while to sort out.

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 to the roster in July of 2017.

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: Work did start on the graduation process but this has now slowed. Community building is key and the proposal for the new UI might help bring in some new volunteers

IPMC/Shepherd notes:

Spot

Apache Spot is a platform for network telemetry built on an open data model and Apache Hadoop.

Spot has been incubating since 2016-09-23.

Three most important unfinished issues to address before graduating:

1. Increase community activity in mailing list and commits
2. Make the product more approachable for new contributors and users
3. Develop a roadmap that focuses on delivering one use case effectively

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

Not at this time.

How has the community developed since the last report?

We have onboarded new contributors in the past quarter, who are very excited to help us increase our capacity to address issues and move us to a new level of maturity. One of the new contributors has adopted the responsibility of secretary and ensuring process compliance and improvement for the project facing Apache leadership.

We have continued to make further strides towards compliance with all Apache Software Foundation requirements for incubating projects, particularly ensuring that all contributors are on the private list.

How has the project developed since the last report?

As the project has a large backlog of issues inherited from before its contribution, we continue to emphasize finding issues that are still relevant and blocking progress, and addressing them. We have engaged with a dozen issues and resolved quite a few of them. There is work that is ongoing to remove a third party dependency which is a major impediment to installing the product.

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:

2017-09-08

When were the last committers or PPMC members elected?

2020-05-14 - Jeremy Nelson

Have your mentors been helpful and responsive?

Our mentors have been helpful in onboarding new contributors, and in getting us the Whimsy and Clutch reports and updating the website so we more completely conform to ASF policy requirements for podlings.

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

Yes

Signed-off-by:

- (spot) Uma Maheswara Rao G
Comments: Recently project improved on mailing list activities and project needs few more mentors.

IPMC/Shepherd notes:

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?

No.

How has the community developed since the last report?

Since the last report, we started to reach out to people using the project and collect suggestions and encourage them to join in the community. We have found four organizations and eight projects that are using either the Teaclave platform and Teaclave's Rust SGX SDK.

We also created a website for the project: <https://teaclave.apache.org/>, which contains project description, community, contributors, documentations and blog posts.

We started a thread to discuss the logo design, but haven't received any proposal for now. We will drive this issue in the next few weeks.

We observed more people posting feature suggestions and build/deployment issues. More than five new contributors begin to contribute bug fixes and introduce new examples.

We started preparing the first Apache release such as logistics on licenses of third-party libraries.

How has the project developed since the last report?

Since the last report, we have completed the development roadmap towards the first public release (<https://github.com/apache/incubator-teaclave/issues/121>) proposed last year. We began to put more efforts on improving documents and building community.

We wrote many documents in recent weeks including:

- Try: Tutorials on using the Teaclave platform.
- Design: Some explanations of design choices we made.
- Contribute: Documents on contributing to Teaclave, such as debugging tips and Rust development guideline.
- Codebase: Documents for each sub-directory (i.e., libraries in Teaclave).

- API Docs: Generated API documentations like APIs of Client SDK.

We also provided more examples to help beginners to understand the basic usages of the projects.

How would you assess the podling's maturity?

- 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?

We haven't started new committers or PPMC members elections yet. Currently, our work focuses on improving the documents to make the project more approachable for newcomers. Additionally, we see some regular contributors recently mainly focus on helping to improve examples, SDK, etc.

Have your mentors been helpful and responsive?

Yes, our mentors help us with the website development and logo design. Also, our mentors provided valuable thoughts regarding Intel's recent security issues.

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: good progress!
- (teaclave) Furkan Kamaci
Comments:
- (teaclave) Jianyong Dai
Comments:
- (teaclave) Luciano Resende
Comments:
- (teaclave) Matt Sicker
Comments:
- (teaclave) Zhijie Shen
Comments:

IPMC/Shepherd notes:

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
2. Improve documentation, including document translation
3. Continuously improve system performance and increase system features

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, the TubeMQ community has welcomed one new committer member: the project community has continued to be active, attracting many contributors for extensive cooperation and contributions, the total number of contributors has increased to 53 (code:39, website:14). At the same time, we have adapted to the project operation style of the Apache community: we move project-related communications, program discussions, and task implementation to e-mail, transparentize the entire project process, and operate according to community standards.

How has the project developed since the last report?

We successfully released the first release version according to the Apache process: the project has made a lot of usability improvements under the contribution of everyone, including document finishing, support based on Docker and K8S container operation, and data reporting pipeline support upstream and downstream (including data access based on Flume, source and sink based on Flink and Spark), etc; at the same time, we have also made a lot of adjustments in functions and performance. For details, please refer to our project issue: <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:

2020-06-08

When were the last committers or PPMC members elected?

Technoboy- was added as committer on 2020-04-21

Have your mentors been helpful and responsive?

Yes.

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:

IPMC/Shepherd notes:

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. 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 four new committers/PPMC members since last report. There are also on-going new committer nominations. The community is active and vibrant, with wide collaborations from many contributors. The total number of contributors has grown to 387.

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

https://docs.google.com/document/d/18nyAH-fcptVezAxPQe6H3FeTKPRkujOp1tc1YRSP_Lok/edit?usp=sharing

How has the project developed since the last report?

A lot of improvements have been made. Including wasm/webgpu backend, performance improvement, operator/backend coverage, codebase refactor

See also our monthly reports for detailed improvements

- Mar <https://discuss.tvm.ai/t/tvm-monthly-march-2020/6199>
- Apr <https://discuss.tvm.ai/t/tvm-monthly-april-2020/6570>
- May <https://discuss.tvm.ai/t/tvm-monthly-may-2020/6992>

How would you assess the podling's maturity?

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

Date of last release:

2019-12-1

The community is voting on a new release now

When were the last committers or PPMC members elected?

No answer.

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: Community is growing and healthy
- (tvm) Timothy Chen
Comments:
- (tvm) Furkan Kamaci
Comments:
- (tvm) Tianqi Chen
Comments:
- (tvm) Markus Weimer
Comments: Looking forward to graduation soon.

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. Improve documentation and access to the documentation.
3. Establish a release cadence based on roadmap

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 provided new use cases and pain points which helped shape the roadmap. A new website build was contributed to help improve access to the documentation.

The project has presented at two virtual conference receiving great feedback. We're now trying to convert the feedback into an expanded community.

How has the project developed since the last report?

A large number of changes have been made specifically to the deployment and testing side of the project:

- moved to full Travis CI build
- added e2e tests
- provide convenience deployment via helm charts and ASF docker hub

Beside the deployment and test changes the project has worked on stabilising the first release and adding a number of new features. Planning for a second release has just begun.

Some statistics for the report period (2020-04-01 till 2020-06-30)

JIRA: 194 created, 133 resolved

PRs: 197 resolved, 11 unique 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:

2020-05-04

When were the last committers or PPMC members elected?

A new committer was voted in and accepted on 16 June 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:

IPMC/Shepherd notes: