

June2017

/\ FINAL (!)

Incubator PMC report for June 2017

Timeline

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

Shepherd Assignments

Drew Farris		SAMOA
Drew Farris		Superset
John Ament		MRQL
John Ament		Slider
Justin Mclean		Toree
P. Taylor Goetz		Griffin
P. Taylor Goetz		Trafodion
P. Taylor Goetz		Wave
Timothy Chen		Quickstep
Timothy Chen		Taverna
Timothy Chen		Tephra
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Report content

Incubator PMC report for June 2017

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

At the end of May, there were 60 podlings incubating. Podlings executed six releases this month. The incubator brought in one new podling, and the board has motions to graduate three podlings from the incubator. One IPMC member stepped down while two new IPMC members joined.

Many reports below were signed off by a single mentor. The Incubator PMC shall begin to plan for a way to address this.

* Community

New IPMC members:

- Bikas Saha
- Bob Paulin

People who left the IPMC:

- Par Niclas Hedhman

* New Podlings

- Superset

* Podlings that failed to report, expected next month

- HORN - No on list discussions recently.
- MRQL - No on list discussion in past 3 months, limited discussions prior to that.
- Myriad - Discussing retirement
- Sirona - Likely to be retired or moved as a sub-project by next report

* Graduations

The board has motions for the following:

- Atlas
- MADlib
- Mynewt

* Releases

The following releases entered distribution during the month of May:

- 2017-05-01 Apache Trafodion 2.1.0
- 2017-05-04 Apache Mnemonic 0.7.0-incubating
- 2017-05-09 Apache Airflow 1.8.1
- 2017-05-09 Apache MADlib 1.11
- 2017-05-17 Apache Ratis 0.1.0-alpha
- 2017-05-30 Apache Tephra 0.12.0

* Infrastructure

- The Incubator has begun to migrate podling maintenance into Whimsy

* Miscellaneous

- The IPMC has elected a new chair, hopefully accepted at this month's board meeting.

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AriaTosca

ARIA TOSCA project offers an easily consumable Software Development Kit(SDK) and a Command Line Interface(CLI) to implement TOSCA(Topology and Orchestration Specification of Cloud Applications) based solutions.

AriaTosca has been incubating since 2016-08-27.

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

1. Grow the community and enroll new committers.
2. Have frequent Release cycles to be compliant with the Apache Way.
3. Move the website to apache.org

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

The project is ready for its first release as far as the code is concerned; We're working on updating the README and ensuring compatibility with ASF's regulations regarding creating releases. On the latter issue, we've come across a few possible problems, that are being discussed on the project's mailing list. For more information, see the threads "ARIA dependencies License issues" and "A few questions about creating a release" on the mailing list archive.

How has the community developed since the last report?

* All project communication takes now place on either the mailing list or

ASF's Slack, and is open for everybody.

- * Increased chatter on the mailing list including new subscribers who ask questions, make suggestions and are likely to become contributors themselves in the near future.

How has the project developed since the last report?

1. ARIA now has a CLI, making it usable as a stand alone tool as well as a library. 2. Usage examples have been added 3. End-to-End tests now run on a daily basis (as well as on CIs for every commit) 4. 93 JIRA issues have been resolved since the last report

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

No release yet.

When were the last committers or PPMC members elected?

Project is still functioning with the initial set of committers.

Signed-off-by:

- (ariatosca) Suneel Marthi
Comments:
- (ariatosca) John D. Ament
Comments: The project continues to struggle in adopting the Apache Way. It's clear most of them want to do it, but need to work on getting focused to make it happen.
- (ariatosca) Jakob Homan
Comments:

Atlas

Apache Atlas is a scalable and extensible set of core foundational governance services that enables enterprises to effectively and efficiently meet their compliance requirements within Hadoop and allows integration with the complete enterprise data ecosystem

Atlas has been incubating since 2015-05-05.

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

We do not see any issues in moving towards graduation. The dev community feel that we are ready for graduation as discussed in this mail thread: <https://s.apache.org/94xI>. We have intimated the IPMC about this and are working towards answering some queries raised in the Incubator mailing list regarding the same.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None that we are aware of.

How has the community developed since the last report?

- * Madhan Neethiraj was voted in to the Apache Atlas PPMC.
- * The following new committers were added:
 - * Ayub Khan Pathan
 - * Apoorv Naik
 - * Kalyani Kashikar

- * Neeru Gupta
- * Nixon Rodriguez
- * Sarath Subramanian
- * Following contributors have been added to JIRA.
- * Jan Hentschel
- * Qinglin Xia
- * Laxmikanth Malladi
- * Shi Wang
- * Christopher Grote
- * Graham Wallis

How has the project developed since the last report?

- * Apache Atlas community released version 0.8 of the software on March 31 2017. [1]
- * Several new features are in progress or have finished development including enhanced metadata and governance capabilities through typesystem improvements (modeling relationships, glossary), a Virtual Data Connector project, improvements to search capabilities, Export/Import of Atlas graph metadata etc.
- * 239 new issues were filed between March 1st 2017 and May 29th [2]. 189 issues were resolved in the same time [3]

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:

2017-03-31

When were the last committers or PPMC members elected?

- * PPMC Members - Madhan Neetiraj (March 5 2017)
- * Committer - Ayub Pathan (March 20 2017)

[1]

<https://lists.apache.org/thread.html/739d520597ea0bf93e9b5649044bc6a92c4660bbc44ffdd94f5bcb21@%3Cdev.atlas.apache.org%3E>

[2]

<https://issues.apache.org/jira/issues/?jql=project%20%3D%20ATLAS%20AND%20created%20%3E%3D%202017-03-01%20AND%20created%20%3C%3D%202017-05-29>

[3]

<https://issues.apache.org/jira/issues/?jql=project%20%3D%20ATLAS%20AND%20resolutiondate%20%3E%3D%202017-03-01%20AND%20resolutiondate%20%3C%3D%202017-05-29%20ORDER%20BY%20resolutiondate%2C%20createdDate%20DESC>

Signed-off-by:

- (atlas) Arun Murthy
Comments:
- (atlas) Chris Douglas
Comments:
- (atlas) Jakob Homan
Comments:
- (atlas) Vinod Kumar Vavilapalli
Comments:

Gearpump

Gearpump is a reactive real-time streaming engine based on the micro-service Actor model.

Gearpump has been incubating since 2016-03-08.

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

1. Have frequent release cycles.
2. Continue to evolve community interest and support.
3. Increase user adoption.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None

How has the community developed since the last report?

- Increased community contribution on rabbitmq connector and state management.

How has the project developed since the last report?

- 27 issues created and 24 issues resolved.
- Continued integration within Apache Beam (Gearpump Runner).
- Joined in GSoC 2017 project.

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:

2017-04-19

When were the last committers or PPMC members elected?

No new committers or PMC members elected yet.

Signed-off-by:

- (gearpump) Andrew Purtell
Comments:
- (gearpump) Jarek Jarcec Cecho
Comments:
- (gearpump) Reynold Xin
Comments:
- (gearpump) Todd Lipcon
Comments:
- (gearpump) Xuefu Zhang
Comments:

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.

Few first steps has been made:

- * mailing list setup
- * jira setup
- * few Apache account creation for new committers.

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

1. Code import. Still need agreement from LinkedIn/Microsoft

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None

How has the community developed since the last report?

We are very first steps of the project

How has the project developed since the last report?

Not much. We are waiting code donation before start building the community.

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

Signed-off-by:

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

Griffin

Griffin is an open source Data Quality solution for distributed data systems at any scale in both streaming or batch data context

Griffin has been incubating since 2016-12-05.

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

1. Make the first release.
2. Enhance data quality algorithms to let contributors to expand artifacts to meet more data quality dimensions.
3. Onboard more use cases.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None

How has the community developed since the last report? 1.We were invited to Database Technology conference China 2017(<http://dtcc.it168.com/yicheng.html>) to introduce Apache Griffin in May, lots of open source audience would like to try Apache Griffin as their data quality solution. 2.We were invited to Opensource Innovation Meetup(<https://www.oschina.net/news/84136/2017-5-yue-yuanchuanghui>) to introduce Apache Griffin in May, some of them will contribute to our development.

3. Discussed with Angular expert damoqiongqiu (<https://github.com/damoqiongqiu>) for UI enhance.

How has the project developed since the last report?

- Active development started in the community. 38 commits since last report.
- Core services are done, users can go through our data quality process easily.
- Setup online demo on AWS. [will attach here 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:

XXXX-XX-XX

When were the last committers or PPMC members elected?

Signed-off-by:

- (griffin) Kasper Sørensen
Comments:
- (griffin) Uma Maheswara Rao Gangumalla
Comments:
- (griffin) Luciano Resende
Comments:

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 issues to address in the move towards graduation:

1. Create the first Apache release
2. Community growth (committers and users)
3. Documentation improvements

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

- * We invited Takuya Kitazawa to PPMC on April 24th but his is not yet getting an invitation from IPMC. Could you take a look?

Vote thread is at:

msgid: CAGJoAUnmnsDBVHD+V_ix3gGzKTjNNwco8szxJ71rmU0cCbAjbq@mail.gmail.com

How has the community developed since the last report?

- * We invited a PPMC member (Takuya Kitazawa)
- * Had a presentation at Apache BigData, Miami
<https://goo.gl/7JZ590>
<http://events.linuxfoundation.org/sites/events/files/slides/apachebigdata2017.pdf> (slide)
- * Had a BoF session at Apache BigData, Miami
- * Github watchers/stars are gradually increasing:
79 stars as of May 31 (was 52 on Feb 28)
- * Twitter account @ApacheHivemall followers are gradually increasing:
70 followers as of May 31 (was 52 on Feb 28)

How has the project developed since the last report?

- * approaching the first Apache release in Q2
 - Blocking issues are decreased
 - <https://issues.apache.org/jira/browse/HIVEMALL-21>
- * 4 committers are active at development
- <https://github.com/apache/incubator-hivemall/pulse/monthly>

Since the last report (March 2017), we have

- * Opened 24 JIRA issues and closed 19 JIRA issues
- as seen in <https://goo.gl/88Qr11>

	Created	Resolved
March 2017	9	10
April 2017	7	6
May 2017	8	3

- * Created 27 Pull Requests
- <https://github.com/apache/incubator-hivemall/pulls?q=is%3Apr%20created%3A2017-03-01..2017-05-31>
- * Merged 27 Pull Requests
- <https://github.com/apache/incubator-hivemall/pulls?q=is%3Apr%20closed%3A2017-03-01..2017-05-31>

How would you assess the podling's maturity? Please feel free to add your own commentary.

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

Date of last release:

No release yet
(planning the first Apache release in Q2, 2017)

When were the last committers or PPMC members elected?

- * Inviting Takuya Kitazawa to PPMC

Signed-off-by:

- (hivemall) Reynold Xin
- Comments:
- (hivemall) Markus Weimer
- Comments:
- (hivemall) Xiangrui Meng
- Comments:
- (hivemall) Daniel Dai
- Comments: You can invite Takuya Kitazawa to PPMC now.

HTrace

HTrace is a tracing framework intended for use with distributed systems written in java.

HTrace has been incubating since 2014-11-11.

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

1. Continue to grow the Apache HTrace community
2. Continue to explore projects integrating Apache HTrace
3. Continue to develop and release stable Apache HTrace incubating artifacts

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

There are no issues requiring board attention at this time.

How has the community developed since the last report?

Mailing lists have been quiet.

How has the project developed since the last report?

We are on track to make an HTrace 4.3 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:

2016-10-06

When were the last committers or PPMC members elected?

2016-10-03

Signed-off-by:

- (htrace) Jake Farrell
Comments:
- (htrace) Todd Lipcon
Comments:
- (htrace) Lewis John Mcgibbney
Comments:
- (htrace) Andrew Purtell
Comments:
- (htrace) Billie Rinaldi
Comments:
- (htrace) Michael Stack
Comments:

iota

Open source system that enables the orchestration of IoT devices.

iota has been incubating since 2016-01-20.

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

1. An initial release of iota
2. Building a more active community
3. Consistency in the discussions on mailing lists/ steady flow of source code contributions

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None

How has the community developed since the last report?

Presentation give at ApacheCon Miami with a focus on developing downloading iota and developing iota performers. Several individuals became interested in using iota and have begun contributing to the iota user and dev threads.

How has the project developed since the last report?

Two new contributors are proposing the addition of Akka dependency injection into iota to facilitate the integration with the Spring Framework.

This coming next month there will be an initial release of iota.

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:

XXXX-XX-XX

When were the last committers or PPMC members elected? Yes - Barbara Gomes was added as a committer on 12/02/2016

Signed-off-by:

- (iota) Daniel Gruno
Comments:
- (iota) Sterling Hughes
Comments:
- (iota) Justin Mclean
Comments:
Currently I'm not sure if Apache is the right place for this project as they seem unable to keep discussion on list, develop in the open or make a release.
Little has changed since these emails [1][2]. This pull request has been outstanding since February. [3] On the plus side a talk at ApacheCon has generated more interest.
 1. <https://lists.apache.org/thread.html/5fabdad2f6d32e9248f207010f59b75477098ddd43ee2blff4510ad%3Cdev.iota.apache.org%3E>
 2. <https://lists.apache.org/thread.html/f995bc2a9bc4b8df84feff2b979516a607e9841319ab68f7209346b0%3Cdev.iota.apache.org%3E>
 3. <https://github.com/apache/incubator-iota/pull/32>
- (iota) Hadrian Zbarcea
Comments:

Joshua

Joshua is a statistical machine translation toolkit

Joshua has been incubating since 2016-02-13.

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

1. Release Apache Joshua incubating 6.1 (rc4) and then begin development on 7.X branch.
2. Identifying specific use cases that we might excel at.
3. Attracting active developers and users.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

There is currently an ongoing VOTE thread over on general@incubator regarding the proposed release of Apache Joshua incubating 6.1 (rc4). If this goes through it will be a significant achievement for the podling.

How has the community developed since the last report?

There are ongoing discussion threads on user@ regarding integration of Joshua with Mailman. There are no new community members. Some members of the Joshua PPMC became Apache members post this years annual meeting. Henry Yandell is now emeritus mentor.

How has the project developed since the last report?

The community has been iterating on Apache Joshua incubating 6.1 RC's as well

as refining the release process. We have pretty much addressed all concerns now so subsequent releases should be easier.

How would you assess the podling's maturity? Please feel free to add your own commentary.

- Initial setup DONE
- Working towards first release VERY CLOSE
- Community building Joshua was not represented at ApacheCon this year but hopefully we can get involved in future events.
- Nearing graduation possibly one or two more releases... possibly of the 7.X branch before we graduate.
- Other:

Date of last release:

N/A

When were the last committers or PPMC members elected?

- 2016-11-16 Michael A. Hedderich (mhedderich) joins the Joshua PPMC + Committership.
- 2016-11-16 Tobias Domhan (tdomhan) joins the Joshua PPMC + Committership.
- 2016-11-02 Max Thomas (mthomas) joins the Joshua PPMC + Committership.

Signed-off-by:

- (joshua) Paul Ramirez
Comments:
- (joshua) Lewis John McGibney
Comments: The community will benefit significantly from a 6.1 release if the current VOTE on general@incubator passes.
- (joshua) Chris Mattmann
Comments:
- (joshua) Tom Barber
Comments: There has been a slight bottleneck with committers bandwidth and the ability to ship a release, along with getting other people familiar with the release process and happy to ship new versions. I'm sure this bottleneck will reduce when have iterated through a few more releases to iron out the kinks.

Mnemonic

Apache Mnemonic is an advanced hybrid memory storage oriented library, we've proposed a non-volatile/durable Java object model and durable computing service that bring many advantages to significantly improve the performance of massive real-time data processing/analytics. developers are able to use this library to design their cache-less, SerDe-less and native-direct computing high performance applications.

Mnemonic has been incubating since 2016-03-03.

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

1. Have elected new PPMC and committers
2. Integrated with Apache Spark and released v0.7.0
3. Presented Mnemonic models on ApacheCon 17'

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

No

How has the community developed since the last report?

Our last report was in Mar. Since then

- * discussed the gaps from graduation
- * elected new release manager

How has the project developed since the last report?

- * Added Durable Tree as new durable collection
- * Added DurableRDD for Apache spark integration
- * Improved the persistence and transaction APIs for durable objects
- * and other bugfixes, features, 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:

2017-05-04

When were the last committers or PPMC members elected?

Debo Dutta (PPMC and Committer 2017-04-19) Johnu George (Committer 2017-04-28)

Signed-off-by:

- (mnemonic) Patrick Hunt
Comments:
- (mnemonic) Andrew Purtell
Comments:
- (mnemonic) James Taylor
Comments:
- (mnemonic) Henry Saputra
Comments:

Omid

Omid is a flexible, reliable, high performant and scalable ACID transactional framework that allows client applications to execute transactions on top of MVCC key/value-based NoSQL datastores (currently Apache HBase) providing Snapshot Isolation guarantees on the accessed data.

Omid has been incubating since 2016-03-28.

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

1. Boost project dissemination in the Apache community.
2. Collaborate/integrate Omid with other Apache projects.
3. Get positive feedback from other projects currently

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

N/A

How has the community developed since the last report?

- 2 new contributors
- Omid presented in the Apache Conf US in comparison to other Apache TMs for HBase. It will be presented also in HBase conf in mid June.
- Meeting with Apache Tephra contributors

How has the project developed since the last report?

- Several bugs discovered and working on fixes.
- Continue working on next release. Testing in prod env.

Quarter Stats (from: 2017-03-01 to: 2017-05-31):

Metric	counts
# of msgs in dev list	60
Active Contributors (incl mentors)	8
Jira New Issues	8
Resolved Issues	2
Pull Requests merged	1
Pull Requests proposed	3

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:

2016-06-24

When were the last committers or PPMC members elected?

Signed-off-by:

- (omid) Alan Gates
Comments: In the past I have made comments on the lack of activity on this podling. While activity is still low it has definitely picked up with several JIRAs being filed and fixed and user queries appearing on the mailing list and being answered. It's good to see this pickup in activity.
- (omid) Lars Hofhansl
Comments:
- (omid) Flavio P. Junqueira
Comments:
- (omid) Thejas Nair
Comments:
- (omid) James Taylor
Comments:

OpenWhisk

OpenWhisk is an open source, distributed Serverless computing platform able to execute application logic (Actions) in response to events (Triggers) from external sources (Feeds) or HTTP requests governed by conditional logic (Rules). It provides a programming environment supported by a REST API-based Command Line Interface (CLI) along with tooling to support packaging and catalog services.

OpenWhisk has been incubating since 2016-11-23.

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

1. Moving last remaining (project website) github repo. :
 - i.e., <https://github.com/openwhisk/openwhisk.github.io>
 - under the Apache Github org.
 - i.e. <http://openwhisk.incubator.apache.org/>
 - and automatic Jenkins build to compile the static website (using current Jekyll) build and automate publishing to our incubator site. looking at using the "GitPubSub" tool:
https://blogs.apache.org/infra/entry/git_based_websites_available
2. Complete updating all source files with approved ASF header (incl. JS)
3. Credentials sharing process for social media sites (e.g., Twitter, YouTube, Medium, etc.) to provide access to PPMC members.

Continue working through project incubation checklists on CWIKI
Compliance Checklist for OpenWhisk.org website.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

- Travis is still taking much longer under the Apache org. within GitHub then it did under the previous openwhisk.org and experiencing build time-outs. Developers are looking to reduce build dependencies to shorten build times by using pre-built Docker images, as well as optimizing CI tests.

How has the community developed since the last report?

- Successful sessions / Shark Tank / BoF at ApacheCon NA 2017.
 - OpenWhisk booth presence very active with great interest in architecture.
- GitHub project "Stars" = 1511 (up from 1395 last month) with 310 forks.
 - a couple new contributors in devtools/kube repos.
 - new ICLA from Vadim Raskin
- "dev", "private" email list traffic continues to be healthy; positive discussion of a few new code feature/change topics.
- requested/created new "issues" list to provide separate destination for GitHub issues emails / separate from "commits" and allow better "searchability"
- Increased traffic on Slack "general" channel. Install/deployment questions
 - setup/config/local build questions/errors being addressed.
- Under our public Slack Team (openwhisk-team.slack.com).
 - Added a new channel named "kubernetes" for discussion of our new Kubernetes deployment (project/repo.)
- Moving all GitHub issue emails to new "issues" list
- Exploring forwarding "dev" Slack threads to "dev" email list

How has the project developed since the last report?

- 29/30 Repositories moved from "openwhisk" to "apache" org. under GitHub successfully.
 - Addressing Travis (URL) changes repo-by-repo, fixing GitHub event/emails being sent to "dev" lists incorrectly,
 - Repo. topic/description changes/updates being done as encountered with INFRA.
- Created the incubator-openwhisk-deploy-kube repo. to host a brand new deployment (still experimental) to Kubernetes.
- Created the incubator-openwhisk-utilities repo. to host cross-project utilities; moved code scanning tool there and working through repos. to reference the tool in Travis.
- Confluence WIKI (<https://cwiki.apache.org/confluence/display/OPENWHISK/OpenWhisk+Project+Wiki>)
adds/updates pages for:
 - Improved new Committer process / instructions
- Incubator status site: <http://incubator.apache.org/projects/openwhisk.html>
 - updated all sections to be up-to-date as of 2017-05-15.
- Active "dev" discussions on:
 - DockerContainer implementation with a MesosTask
 - Performance testing (new repo.?)
 - Potential use of PassportJS as a new "package" for OAuth integration
- New features:
 - Progress on splitting out CLI from main project and making it "pluggable" (i.e., incubator-openwhisk-cli and incubator-openwhisk-client-go)
 - HA enabling of
 - improve monitoring (especially of containers) to elasticsearch.

Date of last release:

- No release yet

When were the last committers or PPMC members elected?

- Matt Hamann, new committer 2017-05-27

Signed-off-by:

(openhisk) Felix Meschberger
Comments: Happy to see progress on infrastructure consolidation
 (openhisk) Isabel Drost-Fromm
Comments:
 (openhisk) Sergio Fernández
Comments:

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 issues to address in the move towards graduation:

1. Finding and recognizing new contributors to the project
2. Explore options to better increase visibility and welcomeness of the project
3. Get the next release out

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

How has the community developed since the last report?

The committer list has not changed. We have received some contributions from new people, however, and will evaluate and explore further means of growing the community.

How has the project developed since the last report?

A new release has been discussed, and should be under way shortly.

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:

2016-08-20

When were the last committers or PPMC members elected?

Sebastian Bazley was elected PPMC on 2016-09-10. No new committers since last report.

Signed-off-by:

- (ponymail) Andrew Bayer
Comments:
- (ponymail) John D. Ament
Comments:

Quickstep

Quickstep is a high-performance database engine.

Quickstep has been incubating since 2016-03-29.

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

1. Give talks on the technology.
2. Work on adoption of the Quickstep technology by getting committers outside the current group.
3. Write more blog posts, papers, demos on the technology.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None.

How has the community developed since the last report?

We have a new committer, Tianrun Li.

How has the project developed since the last report?

We have made a first 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:

2017-03-27

When were the last committers or PPMC members elected?

May 2017

Signed-off-by:

- (quickstep) Konstantin Boudnik
Comments:
- (quickstep) Julian Hyde
Comments:
Getting the first release out this quarter was a big milestone for the project. Their next challenge is to build a community outside of Madison. They are giving papers and talks at academic conferences but I have been encouraging them to find ways to connect with industry and the open source community.
- (quickstep) Roman Shaposhnik
Comments: what Julian said ;-)

SAMOA

SAMOA provides a collection of distributed streaming algorithms for the most common data mining and machine learning tasks such as classification, clustering, and regression, as well as programming abstractions to develop new algorithms that run on top of distributed stream processing engines (DSPES). It features a pluggable architecture that allows it to run on several DSPES such as Apache Flink, Apache Storm, Apache Apex and Apache Samza.

SAMOA has been incubating since 2014-12-15.

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

1. Grow the developer base
2. Grow the user base
3. Add some more ML techniques

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None

How has the community developed since the last report?

Mailing list activity (March 2017 - May 2017):

* @dev: 38 messages

Jira issues backlog (March 2017 - May 2017):

* Created: 6

* Resolved: 1

- We organized a 2-day internal workshop on SAMOA at Telefonica I+D with researchers of Orange Labs, Telecom Paris and QCRI. Various have been discussed to improve SAMOA's ML and other interfaces with systems like Kafka, etc.
- We submitted a proposal for funding which will help the development of new features on Samoa.
- We have been working on a new release 0.5.0, probably coming up in one month. This release will have support for Kafka, a more well-rounded support for Avro and Json formats, as well as support to store predictions outputted from the model.
- There was also significant work done to integrate correctly the instances between MOA and SAMOA, as there was a deviation of how they were defined and hindered the portability of new methods from MOA to SAMOA.
- Early discussions to increase the committers / developers team by inviting new contributors to the panel.

How has the project developed since the last report?

- We are looking into new ML techniques for development.
- Worked on the integration of Samoa-MOA instances
- Engaging interactions with new parties (Orange Labs) and potential collaborations

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:

2016-09-30

When were the last committers or PMC members elected?

None

Signed-off-by:

- (samoa) Alan Gates
Comments:
- (samoa) Ashutosh Chauhan
Comments:
- (samoa) Enis Soztutar
Comments:
- (samoa) Ted Dunning
Comments:

IPMC/Shepherd notes:

Drew Farris (shepherd): One mentor active. Light activity on the project in general.

Singa

Singa is a distributed deep learning platform.

Singa has been incubating since 2015-03-17.

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

1. Finish the distributed version
2. Nominate some candidate contributors as committers
3. Update the documentation and test all examples

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

N/A

How has the community developed since the last report?

There are 38 commits and 70 dev@ emails since the last report. We have reached 28 github contributors in total.

How has the project developed since the last report?

1. We added more documentation including Jupyter notebooks and Chinese translation. 2. Debian package is improved with CPack 3. Memory optimization is added 4. We fixed some bugs and added several new features, e.g. image augmentation methods, L2 normalization layer and SigmoidCrossEntropy loss.

How would you assess the podling's maturity?

We will start the graduating process after the next release with the above issues fixed.

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

Date of last release:

2017-02-12

When were the last committers or PPMC members elected?

2017-02-26

Signed-off-by:

- (singa) Daniel Dai
Comments:
- (singa) Alan Gates
Comments:
- (singa) Ted Dunning
Comments:
- (singa) Thejas Nair
Comments:

Slider

Slider is a collection of tools and technologies to package, deploy, and manage long running applications on Apache Hadoop YARN clusters.

Slider has been incubating since 2014-04-29.

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

1. Apache Slider community/PPMC has voted to move portions of Slider into Apache Hadoop YARN as modules. It is possible that the remaining pieces will be moved at a later point in time or become obsolete or evolve to work closely with YARN. Slider PPMC will decide what makes the most sense as we progress through this exciting time.
2. Getting more external users
3. Growth of a diverse set of developers/committers/PMC members is also crucial towards the final state of Slider

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

No.

How has the community developed since the last report?

Mailing list activity has been lower due to the bulk of the development moving to an Apache Hadoop branch. Questions on usage and issues encountered by end users keep coming at regular intervals, keeping the DL fairly active.

How has the project developed since the last report?

Work continues in parallel on the Apache Hadoop yarn-native-services branch and on the Slider podling. The bulk of the work has been in yarn-native-services, while a few Slider patches (related to critical issues or agent-only issues) have been committed 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:

2017-03-23 slider-0.92.0-incubating

When were the last committers or PPMC members elected?

2015-07-07: Yu (Thomas) Liu

Signed-off-by:

- (slider) Arun C Murthy
Comments:
- (slider) Devaraj Das
Comments:
- (slider) Jean-Baptiste Onofré
Comments:
- (slider) Mahadev Konar
Comments:
- (slider) Vinod Kumar Vavilapalli
Comments: Joined as a new mentor while the transition of Slider to Apache Hadoop project as a sub-module continues. Per feedback on general@, the community shall work on a concrete plan on how the project's journey in incubator comes to a close.

IPMC/Shepherd notes:

johndament: The IPMC still is looking for clarification on Slider/Hadoop's relationship. Will follow up.

Spot

Apache Spot is a solution stack that provides the capability to ingest IT related telemetry (network flows, domain name service DNS, and proxy server logs) and provide unsupervised machine learning capabilities to identify suspicious activity. The information is organized and presented using operational analytics so that a security analyst can investigate the most suspicious connections. Apache Spot is built on an open data model using Apache Spark and Apache Hadoop.

Spot has been incubating since 2016-09-23.

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

1. Move infrastructure and development to ASF (code, issues, mailing list, ...)
2. Build diverse community
3. Demonstrate ability to create releases

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of? Two out of the four mentors are the ones showing the most active participation and involvement on the project so we need to discuss with IPMC our options to get the other two replaced.

How has the community developed since the last report? By remaking the Community section on the Project webpage and driving users on Slack to limit the usage of the same tool just for quick interactions, the traffic over Mail Lists has increased, we still need to continue driving usage questions to USER list. A group of Developers from Brazil is coming with a proposal for UX and UI, based on the merits of the proposal, and the potential that the same has we have invited them to become Committers on the projects.

The initial purpose of the Project on Network & Security needs to expand the scope to IT Analytics to cover other uses cases and/or enrich content with User and Endpoint data. While a normalization framework has been drafted to what we call Open Data Model we still need more work and contributions on technical delivery to make it a reality. Contributions to improve the concept of Ingestion Pipeline & Data Lake are delivered with more cadence, there is a recognition from Community to normalize data to open the space for other sources of Ingestion

How has the project developed since the last report? The team has created the epic on ASF JIRA towards the first Apache release, we're working now including the user stories that will be part of release, and doing checks to what can be delivered before we do the the formal announcement on DEV for the code freeze. Integrations for context enrichment are critical, however also the need of bringing a plugin manager where does can be handled, the Spec was drafted, and the team now is finalizing the last Pull requests to begin merging functionality onto project code. Documentation is an area of focus so from May to July committers we'll continue improving & detailing more, architecture definitions, deployment options, and UI usage sections. As the whole delivery is concluded we'll vote for a FAQ section which can be a point of reference for common issues/situations. Being part of ASF is important Community requests that project enables integration/consumption of other Apache projects, one of our DEVOPS committers, for that reason having an API framework now will open the door for more smooth integrations.

Date of last release: N/A

When were the last committers or PMC members elected? Last committer was elected on 06/02

How does the podling rate their own maturity? By know we're almost ready to do our first Apache Release which is good, but we still need to mature Community, the ramping of other Contributors has been slow, we have a strong base of Consumer positive aspect as it probed consumption, however more Commits from other interested parties will accelerate functionality delivery.

Signed-off-by:

[X](spot) Jarek Jarcec Cecho

Comments:

[](spot) Brock Noland

Comments:

[](spot) Andrei Savu

Comments:

[X](spot) Uma Maheswara Rao G

Comments:

Streams

Apache Streams (incubating) unifies a diverse world of digital profiles and online activities into common formats and vocabularies, and makes these datasets accessible across a variety of databases, devices, and platforms for streaming, browsing, search, sharing, and analytics use-cases.

Streams has been incubating since 2012-11-20.

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

1. Community growth and PMC maturity. 2. Demonstrate a consistent release schedule. 3. Participation of project community within related standards-bodies and Apache projects.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

The community has completed an internal assessment using the Apache Maturity Model to identify gaps that should be addressed before graduation.

The community is working against a task list of graduation TODOs:
<https://cwiki.apache.org/confluence/display/STREAMS/Graduation+TODOs>

It is likely that Streams will pursue graduation to TLP during the coming quarter.

How has the community developed since the last report?

Dev List

57 emails sent by 12 people, divided into 20 topics

Web Page

820 Sessions (up ~75%), 508 Users (up ~50%), 1507 Pageviews (up ~30%).

Public Slack: apachestreams.slack.com

1202 Messages, 11 Files

Committers Slack: [#dev-streams](https://the-asf.slack.com) 157 Messages, 3 Files

How has the project developed since the last report?

Source Control

<https://github.com/apache/incubator-streams> Excluding merges, 4 authors have pushed 29 commits to master. On master, 165 files have changed and there have been 5,891 additions and 1,647 deletions.

<https://github.com/apache/incubator-streams-examples> Excluding merges, 3 authors have pushed 4 commits to master. On master, 10 files have changed and there have been 18 additions and 72 deletions.

JIRA

24 issues closed with 0.5-incubating release 7 issues closed after 0.5-incubating release 18 new issues opened this period

Date of last release:

2017-03-20 : 0.5-incubating release

When were the last committers or PMC members elected?

2017-04-14: Trevor Grant elected as committer / PPMC member

Signed-off-by:

[X](streams) Matt Franklin

Comments: The community is small, but diverse and dedicated. I look forward to seeing them move past the incubator and hopefully continuing to add new contributors.

[X](streams) Ate Douma

Comments:

[X](streams) Suneel Marthi

Comments:

Superset

Superset is business intelligence (BI) software that helps modern organizations visualize and interact with their data. Superset enables users explore data from a variety of databases, assemble beautiful dashboards and share their findings. Superset works neatly with all modern SQL-speaking databases, and integrates with Druid.io to provide real-time, interactive, blazing fast data access to large datasets.

Superset has been incubating since 2017-05-02.

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

1. Grow the community and enroll new committers.
2. Setup our Git repository and transition our codebase there now that our contributor CLAs and Airbnb SGA is complete
3. Move the website to apache.org

Any issues that the Incubator PMC or ASF Board might wish/need to be aware of? The team is working on finishing up all the items on the Incubation Checklist. We're working on finding a way to link Jira Issues to GitHub Issues as the team has a preference for using GitHub Issues for tracking.

How has the community developed since the last report?

- * The mailing lists have been created (dev@superset.incubator.apache.org & private@superset.incubator.apache.org) and all project communication now takes place on the mailing list and is open for everyone.
- * Organic growth of our Github contributors (140), forks (1981), watchers (707) and stars (14 331)
- * Recent talk were given by Maxime Beauchemin at DataEngConf and PlotCon

How has the project developed since the last report?

- * The team has filed an executed SGA from Airbnb allowing the team to move forward with migrating the code base to a Git repository on ASF
- * A JIRA project has been setup for issue tracking
- * A healthy, constant flow of bug fixes, quality improvements and new features, take a look at the project's Pulse on Github for more details

How does the podling rate their own maturity.

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

Date of last release: No official release yet since being voted into Apache Incubation. (Planning for the first Apache release in Q3, 2017)

When were the last committers or PPMC members elected? Project is still functioning with the initial set of committers

Signed-off-by:

[X](superset) Ashutosh Chauhan

Comments:

[X](superset) Luke Han
Comments:
[X](superset) Jim Jagielski
Comments:

IPMC/Shepherd notes:

Drew Farris (shepherd): Three mentors active on the mailing lists. Incubation is just getting started. Discussion of SGA, infrastructure setup and migration of git repo observed.

Tamaya

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

Tamaya has been incubating since 2014-11-14.

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

1. finally release 0.3 - RC vote already took place
2. Release next artifacts after core/API 0.3-incubating is out
3. graduate

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

We would like to graduate after our new release is out.

How has the community developed since the last report?

Many discussions and bug reports were filed in order to see how microprofile.io discussions match the Tamaya roadmap. In order to prepare for the new release some people (inactive for quite a while) were moved to the emeritus section.

How has the project developed since the last report?

New homepage is live, release candidates for 0.3-incubating are out. Waiting to continue with extensions and further development on sandbox modules.

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:

2016-04-06

When were the last committers or PPMC members elected?

P. Ottlinger at 2016-04-24.

Signed-off-by:

- [X](tamaya) John D. Ament
Comments: It's a small and diverse community. They have a little bit to go before graduation, and need to figure out how to get communicating more on list.
- [](tamaya) David Blevins
Comments:

Taverna

Taverna is a domain-independent suite of tools used to design and execute data-driven workflows.

Taverna has been incubating since 2014-10-20.

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

1. Project maturity evaluation
2. IP/Licence Review
3. Graduate!

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

How has the community developed since the last report?

New contributor showing interest (some pull requests and Jira issues). Need to get them engaged also on mailing list.

Project activity still slow overall - need more day-to-day encouragement and follow-up? Suggested weekly telcons

How has the project developed since the last report?

Taverna Mobile Android app (initially a GSOC contribution) has matured and is ready for its first release.

Some bugs raised on the Taverna Server, lacking contributors - need more code insight from original author?

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:

From the recent graduation/IP review it was agreed to skip some of the auxiliary git repositories from the graduation process (move to GitHub) - but this has not yet happened.

Although the community is ready, we are lacking initiative on the bureaucratic side and need to push ourselves harder.

Date of last release:

2016-07-01

When were the last committers or PPMC members elected?

2016-10-20 Committer
2015-12-09 PPMC member

Signed-off-by:

[x](taverna) Andy Seaborne

Comments:

Taverna has been quiet for 6 months with low activity on the dev@list.

More community building would be valuable for the long-term success of the project.

[x](taverna) Stian Soiland-Reyes

Comments:

Project needs to find a daily/weekly rhythm to engage the community more.

This is a general task for the podling PMC, it should not have to rely on any one particular person.

[](taverna) Daniel J Debrunner

Comments:

[](taverna) Marlon Pierce

Comments:

[](taverna) Suresh Marru

Comments:

[](taverna) Suresh Srinivas

Comments:

Tephra

Tephra is a system for providing globally consistent transactions on top of Apache HBase and other storage engines.

Tephra has been incubating since 2016-03-07.

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

1. Improve community engagement 2. Increase adoption

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

- None at this time.

How has the community developed since the last report?

- Andreas Neumann talked about Apache Tephra as part of his talk on "Transactions in Hadoop" at ApacheCon BigData North America 2017 in Miami, Florida, USA

- 2 new subscribers in dev mailing list since the last report
- 4 new JIRAs filed since the last report
- 0 external contributors submitted patches since the last report
- 1 external contributor created a ticket in JIRA since the last report

How has the project developed since the last report?

- Working on 0.13.0-incubating release
- Released 0.12.0-incubating

How would you assess the podling's maturity? Please feel free to add your own commentary.

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

Date of last release:

2016-05-23

When were the last committers or PPMC members elected?

None since coming to incubation

Signed-off-by:

(tephra) Alan Gates
Comments:
 (tephra) Andrew Purtell
Comments:
 (tephra) James Taylor
Comments:
 (tephra) Lars Hofhansl
Comments:

Toree

Toree provides applications with a mechanism to interactively and remotely access Apache Spark.

Toree has been incubating since 2015-12-02.

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

1. More discussion and engagement on the dev list
2. Community growth
3. Continue to make releases

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

* No issues require attention at this time.

How has the community developed since the last report?

- * Toree's 0.1.0-incubating release is a good step forward. The first Apache release is the most difficult, so clearing that hurdle should make further releases easier.
- * The community has also added a new PPMC member and mentor.

How has the project developed since the last report?

- * Apache Toree 0.1.0-incubating release on 2017-02-21
- * Apache Toree website updated

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:

2017-02-21

When were the last committers or PPMC members elected?

* Ryan Blue was added to the PMC on 2017-04-03

Signed-off-by:

(toree) Luciano Resende
Comments:
 (toree) Reynold Xin
Comments:
 (toree) Hitesh Shah
Comments:
 (toree) Julien Le Dem
Comments:
 (toree) Ryan Blue
Comments:

Trafodion

Apache Trafodion is a webscale SQL-on-Hadoop solution enabling transactional or operational workloads on Hadoop. Trafodion builds on the scalability, elasticity, and flexibility of Hadoop. Trafodion extends Hadoop to provide guaranteed transactional integrity, enabling new kinds of big data applications to run on Hadoop.

Trafodion has been incubating since 2015-05-24.

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

1. Develop the community and continue to grow the diversity.
2. Continue the momentum and become more integrated with the rest of the Apache community.
3. Continue to create software releases.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

* None

How has the community developed since the last report?

- * Participation in the project remains healthy:
 - ML subscriptions public lists: 93 user, 100 dev, 26 code rev, 39 issues, 32 commits
 - ML postings: 81 user (+161%), 349 dev (+27%), 480 coderev (-7%), 801 issues (-7%), 735 commits (+24%)
 - Twitter: 218 (followers), 72 tweets, 67 likes
- * We released version 2.1
- * Release 2.1 triggered the attention of a Gartner analyst
- * Sandhya Sundaresan stepped down as the Release Manager on 2017-05-08
- * Ming Liu volunteered on on 2017-05-08 to be the Release Manager for our next release
- * We are working towards our next release, 2.2.
- * Sean Broeder gave a talk on Trafodion at the HBase meet up in San Francisco, hosted by Splice Machine, on 2016-12-08
- * Peng-Xiang Liu gave a talk on BigData architecture and solution design with Trafodion at DevEco (www.deveco.io) at the China-Singapore Suzhou Industrial Park, Suzhou, China on 2016-12-10
- * Discussion regarding Readiness to Graduate continues. Diversity continues to grow.

How has the project developed since the last report?

- * 191 commits from 23 contributors.
- * 117 JIRAs filed and 42 resolved.

How would you assess the podling's maturity? Please feel free to add your own commentary.

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

Date of last release:

2017-05-01 2.1

When were the last committers or PMC members elected?

- * New PPMC member(s):
 - Arvind Narain (2017-03-08)
 - Pierre Smits (2017-03-08)
- * New Committer(s):
 - Yi Zhang (Eason) (2017-03-10)

Signed-off-by:

(trafodion) Devaraj Das
Comments:
 (trafodion) Enis Söztutar
Comments:
 (trafodion) Michael Stack
Comments:

IPMC/Shepherd notes:

johndament: The podling has confirmed that there is only one active mentor on the project, needs to be addressed.

Wave

A wave is a hosted, live, concurrent data structure for rich communication. It can be used like email, chat, or a document.

Wave has been incubating since 2010-12-04.

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

1. Appoint members of the PMC
2. Update release procedure
- 3.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None

How has the community developed since the last report?

There were no relevant events regarding the community in this period.

How has the project developed since the last report?

A ToDo list of tasks to reach graduation has been set, and some members are working on it.

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:

March 2016

When were the last committers or PPMC members elected?

March 2017

Signed-off-by:

(wave) Upayavira
Comments:
Wave continues as a very small scale project. It hovers just under the threshold of sufficient participation for graduation, whilst is too active to argue for retirement.

IPMC/Shepherd notes:

johndament: Considering your comments, are there additional contributors who you think may make sense to start to invite?

upayavira: perhaps a new mentor might bring something new, but repeated efforts to draw in new contributors have not brought the kind of interest the project needs. It remains one active PPMC member below the minimum for graduation. Any help warmly accepted, even if short term.