

October2018

Incubator PMC report for October 2018

** FINAL ** ** DO NOT EDIT **

Timeline

Wed October 03	Podling reports due by end of day
Sun October 07	Shepherd reviews due by end of day
Sun October 07	Summary due by end of day
Tue October 09	Mentor signoff due by end of day
Wed October 10	Report submitted to Board
Wed October 17	Board meeting

Shepherd Assignments

Dave Fisher	DLab		
Dave Fisher	ODF Toolkit		
Drew Farris	Livy		
Drew Farris	SensSoft		
John Ament	MXNet		
John Ament	ServiceC omb		
Justin Mclean	Milagro		
P. Taylor Goetz	Goblin		
P. Taylor Goetz	Rya		
P. Taylor Goetz	Zipkin		
Timothy Chen	BatchEE		
Timothy Chen	Doris		
Timothy Chen	Weex		
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Report content

Incubator PMC report for October 2018

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 52 podlings incubating. During the month of September, podlings executed 10 distinct releases and there are several ongoing votes on releases for October. We added 2 new IPMC members.

In September one podling Pulsar graduated and one podling Gearpump retired.

BatchEE still seems stuck in performing the last graduation steps and needs some nudging over the line. Several other podlings are heading towards graduation or retirement. There was one IP clearance.

The number of podlings (one) that didn't report has fallen from last month. They have been asked to report next month. Of concern is Weex who failed to respond to queries on both the dev and private list. There seem to be little activity on the dev list other than GitHub traffic. One podling Warble failed to get sign off from it's single mentor.

The situation with Milagro is concerning as they missed reporting many times, the PPMC are inactive or didn't realise that they were on the PPMC (they do now). Despite yet another strong suggestion to retire, they still want to restart the project. It may be difficult to do so as the project never really got started at Apache and most of the initial committers haven't signed ICLAs. They did however report this month.

The Superset podling (as reported last month) seems to have a few other issues (see mailing list), but they are responding and fixing the issues and a mentor (Jim) was sorting the situation out. However they are continuing to make unapproved releases and Jim has retired as a mentor. It's currently unclear if any of the other mentors are active.

MXNext had several new mentors added to help with diversity among it's mentors.

An email was sent out to all inactive mentors and we've had 60% respond, most of those who responded have indicated that will step down. So far 24 mentors have asked to be removed and it's likely that most of the 26 who haven't responded are inactive and will need to be removed. Good news is 9 have asked to continue. This has left several podlings with only a one or two active mentors, which is no change from before but now we know the true situation. We have had a few people ask to be a mentor and several mentors who were inactive, and who asked to stay on, have showed signs of increased activity.

I just want to thank all the mentors for their past work and for those who recognised that the best thing that they could do for their podling was to step aside. Missing signing off 3 board reports in a row turns out to be a useful metric as a proxy for mentor activity (about an 85% correlation).

In the discussion on what to do about podlings tasked with writing bylaws / guidelines in their graduation proposal, there's general consensus that podlings should be not asked to do this. A draft minimal default set of guidelines has been created. This will be brought to the boards attention in the next few weeks.

A new question has been added to the report asking podlings if they are getting enough support from their mentors, hopefully this will identify missing mentors earlier. A number of podling just copied and pasted from previous reports and didn't notice this new question.

A small change to the incubator proposal template should help with podlings taking too long to incubate or at least frame their expectations.

* Community

New IPMC members:

- Jason Dai
- Xiangrui Meng

People who left the IPMC:

- None

* New Podlings

- Marvin-AI
- Zipkin

* Podlings that failed to report, expected next month

- Weex (did not respond to queries)

* Graduations

The board has motions for the following:

- Joshua (to be posted)
- ServiceComb

* Releases

The following releases entered distribution during the month of September:

Tephra 0.15.0
Daffodil 2.2.0
Griffin 0.3.0
Dubbo 2.6.3
Mxnet 1.3.0
Pulsar 2.1.0
Skywalking 5.0.0
Unomi 1.1.0
Openwhisk 0.9.8 and 1.12.0

* IP Clearance

Arrow Gandiva library

* Legal / Trademarks

Due to a trademark issue, SensSoft has decided to change it's name.

* Infrastructure

N/A.

* Miscellaneous

release checklist created

* Credits

None

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Zipkin

Airflow

Airflow is a workflow automation and scheduling system that can be used to

author and manage data pipelines.

Airflow has been incubating since 2016-03-31.

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

1. Once we make a release with the licensing fix we will move forward with graduation.
- 2.
- 3.

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?

1. Since our last podling report 1 month ago (i.e. between September 4 & October 1, inclusive), we grew our contributors from 548 to 580 (32 new contributors)
2. Since our last podling report 1 month ago (i.e. between September 4 & October 1, inclusive), we resolved 151 pull requests (currently at 3114 closed PRs)
3. Since being accepted into the incubator, the number of companies officially using Apache Airflow has risen from 193 to 206, 13 new from the last podling report 1 month ago.

How has the project developed since the last report?

See above : 151 PRs resolved, 32 new contributors, & 13 new companies officially using 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:

2018-08-27

When were the last committers or PPMC members elected?

Tao Feng on Aug 3

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

One of our mentors is pretty active and helpful, one of our mentors has never been involved, and one is in the middle.

Signed-off-by:

- ☐ (airflow) Chris Nauroth
Comments:
- ☒ (airflow) Hitesh Shah
Comments:
- ☒ (airflow) Jakob Homan
Comments:

IPMC/Shepherd notes:

Amaterasu

Apache Amaterasu is a framework providing configuration management and deployment for Big Data Pipelines.

It provides the following capabilities:

Continuous integration tools to package pipelines and run tests.
A repository to store those packaged applications: the applications repository.
A repository to store the pipelines, and engine configuration (for instance, the location of the Spark master, etc.): per environment - the configuration repository.
A dashboard to monitor the pipelines.
A DSL and integration hooks allowing third parties to easily integrate.

Amaterasu has been incubating since 2017-09.

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

1. Grow up user and contributor communities
2. Prepare documentation

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

A concern was raised by a mentor that the community is too small and not active enough and that Amaterasu should consider retiring. We did a roll call, and identified a total of 5 individuals willing to contribute as volunteers.
We'll keep tracking the activity and reassess whether to retire within a few months.

How has the community developed since the last report?

N/A

How has the project developed since the last report?

- * Since the last report Amaterasu has hit it's first major milestone - the project's first release as an Apache Project.
- * Out of 27 issues for the next version 11 are done and 2 are in progress.
- * One organisation we are aware of have decided to start a project using Amaterasu with the intention of using it in production.

Date of the last release:

12 July 2018

When were the last committers or PMC members elected?

N/A

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

Signed-off-by:

[X](amaterasu) Jean-Baptiste Onofré
Comments: Please provide answer to the question about mentors help
[X](amaterasu) Olivier Lamy
Comments: enough activity? big users community?
[X](amaterasu) Davor Bonaci
Comments: tracking activity/viability of graduation.

IPMC/Shepherd notes:

Annotator

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

Annotator has been incubating since 2016-08-30.

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

1. Grow the PPMC
2. Grow community activity
3. Build collaboration with downstream users

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

The project has lost mentors and would invite help from interested mentors.

This report is a return to regular cadence; it reflects only the month of September.

How has the community developed since the last report?

The PPMC has begun to reach out to the communities of predecessor projects, communicate their deprecation, and shepherd users towards the ASF home.

How has the project developed since the last report?

Continuous Integration infrastructure has been set up.

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?

Last committer was added in August.

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

Mentors have been helpful and attentive and are working to set expectations for project development and address recent stagnation.

Signed-off-by:

[X](annotator) Nick Kew
Comments: The team have responded well to recent hiatus.
They have also put out a call for new mentors
following recent resignations.

IPMC/Shepherd notes:

BatchEE

BatchEE projects aims to provide a JBatch implementation (aka JSR352) and a set of useful extensions for this specification.

BatchEE has been incubating since 2013-10-03.

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

1. Do the graduation :)
2. -
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?

Community is stable.

How has the project developed since the last report?

No strong change. We are starting back to work on the graduation, hoping to do it before the end of the year if conferences and work load enable us to do so.

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:

2017-12-01

When were the last committers or PPMC members elected?

2015-12-01 Reinhard Sandtner

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

Signed-off-by:

- ☒ (batchee) Jean-Baptiste Onofré
Comments:
- ☒ (batchee) Olivier Lamy
Comments:
- ☐ (batchee) Mark Struberg
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 issues to address in the move towards graduation:

1. Execute the SGA between EPAM and the ASF so code can be imported.
2. Complete on-boarding of initial committers.
3. Work toward an initial Apache release.

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

Not at this time.

How has the community developed since the last report?

This is our first report.

How has the project developed since the last report?

A number of committers have submitted ICLAs, had their Apache

accounts created, and subscribed to appropriate mailing lists.

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?

We are still operating with the set of initial committers.

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

Signed-off-by:

☒ (dlab) P. Taylor Goetz
Comments:
☒ (dlab) Henry Saputra
Comments:
☒ (dlab) Konstantin I Boudnik
Comments:

IPMC/Shepherd notes:

Dave Fisher - Podling starting up slowly. There is mentor engagement.

Doris

Doris is a MPP-based interactive SQL data warehousing for reporting and analysis.

Doris has been incubating since 2018-07-18.

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

1. Finished configuration for each Apache ID, it means each committer could commit their patches to new repo and then we are going to set up a CI system.
2. Set up the podling website for Doris and then we will continue to complete the website, include write guide to new user.
3. Committed some patches for bug fix and something else, and then we will make the new commit rules, and prepare to fix license header and etc.

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?

Finished configuration for each Apache ID, it means each committer could commit their patches to new repo.
Set up the podling website for Doris and we will continue to complete the website.

How has the project developed since the last report?

Committed some patches for bug fix and something else, and then we will make the new commit rules, and prepare to fix license header.

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

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

Date of last release:

N/A.

When were the last committers or PPMC members elected?

N/A.

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

Yes.

Signed-off-by:

[X](doris) Dave Fisher
Comments: Setup progress is slow, but steady.
[X](doris) Luke Han
Comments:
[](doris) Willem Jiang
Comments:

IPMC/Shepherd notes:

Gobblin

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

Gobblin has been incubating since 2017-02-23.

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

Nothing at this time.

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?

- * 74% of commits were from non-committer contributors.
- * Email stats since last report:
user@gobblin.incubator.apache.org : 10
dev@gobblin.incubator.apache.org : 243
- * There have been 61 Commits since last report:
git log --format='%ci' | grep -cE '((2018-0(7|8|9))|(2018-10))'
- * 45 ie. 74% of those commits were by non-committers:
git log --format='%ae %ci' | grep -E '((2018-0(7|8|9))|(2018-10))'|
cut -d ' ' -f 1 | sort | uniq -c | sort -n
- * Recurring video conference based meet-up has been happening every month with a healthy attendance.
- * Gobblin had a presentation in ApacheCon NA 2018, and has independently been featured in various meet-ups / conferences around the world.

How has the project developed since the last report?

- * Gobblin's evolution as Platform-as-a-Service is near GA - driven by couple of non-committers.

- * Comprehensive work to stabilize Gobblin cluster at extreme scale by non-committer contributor.
- * Streaming pipeline simplification and enhancements.
- * New Elasticsearch support.
- * Gobblin - Azkaban integration.
- * Job quotas in Gobblin cluster mode through Apache Helix.
- * Couchbase integration enhancement.
- * New optimized Config store implementation.
- * Block level distcp-ng in progress.
- * Release 0.13.0 done.

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:

2018-09-20

When were the last committers or PPMC members elected?

Joel Baranick in December, 2017.

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

Yes.

Signed-off-by:

- [X](gobblin) Jean-Baptiste Onofre
Comments: Great presentation at ApacheCon (which convince me again to contribute on the codebase).
- [X](gobblin) Olivier Lamy
Comments:
- [X](gobblin) Jim Jagielski
Comments:

IPMC/Shepherd notes:

Livy

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

Livy has been incubating since 2017-06-05.

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

1. Grow the community to have more activities.
2. Grow more contributors and committers.
3. Regular release.

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?

Activity on the dev and user mailing lists as well as the rate of reported JIRA issues has stayed steady. There has been an uptick of development

activity around adding a new feature to the project (a Hive-compatible Thrift server implementation).

How has the project developed since the last report?

A new feature (Hive-compatible Thrift server) is being implemented, and some code to support legacy releases of Java, Scala and Spark have been removed.

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:

2018-02-06

When were the last committers or PPMC members elected?

2017-09-18

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

We have not asked much of our mentors, but they are active on the email lists.

Signed-off-by:

[](livy) Bikas Saha
Comments:
[](livy) Brock Noland
Comments:
[x](livy) Luciano Resende
Comments:
[X](livy) Jean-Baptiste Onofre
Comments:

IPMC/Shepherd notes:

Marvin-AI

Marvin-AI is an open-source artificial intelligence (AI) platform that helps data scientists, prototype and productionalize complex solutions with a scalable, low-latency, language-agnostic, and standardized architecture while simplifies the process of exploration and modeling.

Marvin-AI has been incubating since 2018-08-21.

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

- 1.Move development infrastructure to Apache
- 2.Build Community
- 3.Build Releases

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?

* Slowly discussing how to move development to Apache Infrastructure

How has the project developed since the last report?

* N/A

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

* At least one of the mentors is active

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?

* N/A

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

Signed-off-by:

[X](marvin-ai) Jim Jagielski
Comments:
[x](marvin-ai) Luciano Resende
Comments:
[](marvin-ai) William Colen
Comments:

IPMC/Shepherd notes:

Milagro

Distributed Cryptography; M-Pin protocol for Identity and Trust

Milagro has been incubating since 2015-12-21.

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

1. Rebuild the team
2. Edit the code for the first release
3. Expand the community

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

We need support to restart the project management and to make the code released.

This project have been stalled for several month because initial committers from Miracl unfortunately stopped activities from external reasons.

We already have a set of codes that will work as the initial product, and it will need some editorial (and possibly legal?) efforts to release. The idea of retirement was put to the vote and was rejected, and we are working for restarting.

How has the community developed since the last report?

No new committers.
Some people are joining the conversation at the dev mailing list to help the restart.

How has the project developed since the last report?

We are worked for the first release of the crypt library part, and the code seems technically stable enough to release.

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

[] Initial setup
[X] 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?

n/a

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

Mentors are helpful in starting the restart.
Sometimes the members lack very basic information about the management in ASF, so we will be work better if more input is given.
It may lack the continuous help and responsive support in getting the things done.

The project's open issues are:

- (1) List committer candidates with ICLA status,
- (2) Give access to the official repository for committers who already signed ICLA,
- (3) List all the repositories that contain codes for this project,
- (4) Analyze status of each repository, possibly including legal status
- (5) Edit and merge the code and push to the official repository.
- (6) Release

We need help and guide by mentors to address the issues from the following aspects:

- (A) Input on Apache's process, source of information, or use of the toolset,
- (B) Helpful facilitation for communication with PMCs and the community,
- (C) Guide how the output code/document should be.

Mentors are requested to submit a ping message on the mailing list regularly that asks any blockers to encourage the communication among mentors, PMCs and the community.

Signed-off-by:

[](milagro) Sterling Hughes
Comments:
[X](milagro) Nick Kew
Comments: This podling needs attention if it is to progress.
My own efforts have been insufficient. I intend to
open a discussion on the subject, but am procrastinating.

IPMC/Shepherd notes:

MXNet

A Flexible and Efficient Library for Deep Learning

MXNet has been incubating since 2017-01-23.

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

1. Establish a predictable release process consistent with Apache Way -- ESTABLISHED.
2. Grow the community -- ONGOING.
3. Identify remaining ICLAs or SGAs that need signing - NEAR COMPLETION.

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 active contributors from companies like Intel, Nvidia, Wolfram Design and more. The number of github contributors increased from 506 (3/31/2018) to currently 592 (9/28/2018, 2.4% MoM),
- * Active discussions on <https://discuss.mxnet.io/> (English) and <https://discuss.gluon.ai/> (Chinese)
- * We developed an active blog on Medium (<https://medium.com/apache-mxnet>). We have posted 28 blogs YTD (12.0% MoM), and have 891 (16.3% MoM) followers.
- * We established a YouTube channel (<https://www.youtube.com/apachemxnet>) and have 370 subscriber (+32.1% MoM) and 32 videos published.
- * We are tweeting to promote new content and community events such as meetups and conferences. Our Twitter account has 1,510 followers on <https://twitter.com/ApacheMXNet> (3.6% MoM).
- * 62 new public tutorials about MXNet have been published YTD in addition to the Medium blogs. Details available at <https://lists.apache.org/thread.html/52f88e9dc7a6a2aldfa5ad41c469fe2cdd1209a0be2eb345bc2f9a96@%3Cuser.mxnet.apache.org%3E>
- * <https://lists.apache.org/thread.html/dea9184350f2fe87ce450722ead28072f763196045f39859190f83f8@%3Cuser.mxnet.apache.org%3E>
- * <https://discuss.mxnet.io/t/apache-mxnet-digest-august-2018>
- * We established a global MXNet meetup group with 4 groups in 3 countries and 833 member.
- * <https://www.meetup.com/pro/deep-learning-with-apache-mxnet/>
- * Community members participated at conferences and other venues, staffing booths and giving a total of nine presentations about MXNet: ACNA18 (Montréal, total 4 presentations about MXNet from community members), Linux Foundation Open Source Summit (Vancouver), AI Meetup (Toronto), MXNet Meetup (Seattle, San Francisco), Open Data Science Conference (London), Big Data Summit (Boston), AI and Neural Networks on Arm Summit at Linaro conference (Vancouver), O'Reilly AI conference <https://www.oreilly.com/ideas/machine-learning-in-the-cloud>

How has the project developed since the last report?

1) v1.3 release notes:

<https://github.com/apache/incubator-mxnet/releases/tag/1.3.0>

2) Community updated MXNet backend for Keras to v2.2.2

3) Github statistics

Statistics are captured at the end of each month from

<https://github.com/apache/incubator-mxnet/pulse/monthly>

July 2018

- * Excluding merges, 62 authors have pushed 180 commits to master and 188 commits to all branches. On master, 614 files have changed and there have been 29,908 additions and 26,648 deletions.

- * 273 issues got closed and 154 new issue created during the reporting period.

August 2018:

- * Excluding merges, 68 authors have pushed 217 commits to master and 234 commits to all branches. On master, 463 files have changed and there have been 20,882 additions and 6,404 deletions.

- * 200 issues got closed and 98 new issue created during the reporting period.

September 2018:

- * Excluding merges, 47 authors have pushed 132 commits to master and 141 commits to all branches. On master, 439 files have changed and there

have been 13,797 additions and 5,871 deletions.
* 124 issues got closed and 87 new issue created during the reporting period.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

Podling is still having difficulties to grow committer community.

Maturity == Medium.

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

Date of last release:

2018-09-19 (v1.3) Apache MXNet-incubating 1.3.0 (major release)
was published on September 19, 2018
<https://github.com/apache/incubator-mxnet/releases/tag/1.3.0>

When were the last committers or PPMC members elected?

2018-08-10 Carin Meier

2018-09-27 additional mentors joined to help with diversity
among MXNet's mentors:

Jason Dai; Jim Jagielski; Bob Paulin; and Michael Wall.

2018-09-27 Suneel Marthi retired as mentor

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

We thank the mentors for ongoing support and guidance.

Signed-off-by:

[](mxnet) Sebastian Schelter
Comments:
[X](mxnet) Jason Dai
Comments:
[X](mxnet) Henri Yandell
Comments: Needs to work on converting contributors to committers.
[](mxnet) Markus Weimer
Comments:
[X](mxnet) Jim Jagielski
Comments:
[](mxnet) Bob Paulin
Comments:
[X](mxnet) Michael Wall
Comments:

IPMC/Shepherd notes:

NetBeans

NetBeans is a development environment, tooling platform and application framework.

NetBeans has been incubating since 2016-10-01.

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

1. DNS handover, e.g., for netbeans.org and planetnetbeans.org, needs to be finalized on the Apache side, Oracle having handed everything related to domains over now.
2. 3rd donation, focused on tutorials and images, and related ancillary items.
3. 4th donation, focused on C/C++ features.

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?

- Three virtual meetups have taken place to connect community members and discuss activities, all recorded and published on blogs.apache.org/netbeans.
- Around 20 in attendance at these, at the last one there were reps from Oracle, Apache infra, and Apache NetBeans, discussing the way forward with the domain handovers.
- Currently 622 (588 in last report) on Apache NetBeans users mailing list and 438 (422 in last report) on Apache NetBeans dev mailing list.
- Ken Fogel to represent Apache NetBeans at ACNA 2018:
<https://apachecon.dukecon.org/acna/2018/#/scheduledEvent/7e6b57d36ccd834f2>
- Several community members to be present and present at Oracle Code One 2018:
<https://cwiki.apache.org/confluence/display/NETBEANS/Oracle+Code+One+2018>

How has the project developed since the last report?

- Final release of Apache NetBeans (incubating) 9.0 released:
<https://netbeans.apache.org/download/nb90/nb90.html>
- Article about status published on InfoQ:
<https://www.infoq.com/news/2018/08/netbeans-apache-update-aug18>
- Roadmap put together for the first time:

<https://cwiki.apache.org/confluence/display/NETBEANS/Apache+NetBeans+Release+Roadmap>

- Current focus is on Apache NetBeans 10:
<https://cwiki.apache.org/confluence/display/NETBEANS/Apache+NetBeans+10>
- Successfully completed cleaning up the root directory of GitHub repo:
[[<https://github.com/apache/incubator-netbeans> (done together as a community, see <https://cwiki.apache.org/confluence/display/NETBEANS/Per-cluster+repository+layout>).
- The legal title to the trademarks has passed in full to Apache, by the signing of the Trademark and Domain Assignment agreement.
- i.e., brand and domain handover have been completed on the Oracle and Apache sides, aside from the DNS reassignment, see above.
- Removed single point of failure of non-Apache released binaries from Oracle to Oregon State University Open Source Lab:
<https://github.com/apache/incubator-netbeans/pull/899>

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:

2018-09-29 Apache NetBeans (incubating) 9.0 final release

When were the last committers or PPMC members elected?

- * PPMC member Eirik Bakke elected on September 27, 2018
- * PPMC member Thilina Ranathunga elected on September 18, 2018
- * PPMC member Eric Barboni elected on September 4, 2018

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

They have been very helpful as always.

Signed-off-by:

[X](netbeans) Ate Douma
Comments: I also think the project is about ready to graduate. The community is healthy and the PPMC members get it and have what it takes to be on their own feet.

[X](netbeans) Bertrand Delacretaz
Comments: I don't think the 2nd and 3rd donation block graduation, project is mostly ready, discussed on their dev list with a tentative goal to graduate by then end of this year.

[](netbeans) Daniel Gruno
Comments:

[](netbeans) Mark Struberg
Comments:

IPMC/Shepherd notes:

ODF Toolkit

Java modules that allow programmatic creation, scanning and manipulation of OpenDocument Format (ISO/IEC 26300 == ODF) documents

ODF Toolkit has been incubating since 2011-08-01.

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

1. Improve feature set to attract companies and refill the gap Sun/Oracle and IBM left behind
2. New collaboration feature for companies needs further documentation, performance testing (and be merged) to attract companies.
<https://github.com/svanteschubert/odftoolkit/blob/odf-changes/README.md>
3. Fulfil the 1.0 version

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

Traction of new developers (esp. from companies) goes slow.
There had been repeated government sponsorship directly last winter:
<https://prototypefund.de/project/documents-for-democracy/>
and just started for this Winter on new feature sets:
<https://prototypefund.de/project/papierloser-alltag/>

How has the community developed since the last report?

New bug reports yet no new committers.

Presentation for HTML based real-time editors has been created and held at LibreOffice Conference 2018 Tirana last week.

<https://github.com/svanteschubert/odftoolkit/blob/odf-changes/LibOCon2018%20-%20Interoperable%20Office%20Collaboration.pdf>

Providing information on how to become an ODF application with the new odf-change feature.

How has the project developed since the last report?

CKSource (developer of CKEdit5) have been visited, but yet without commitment yet.

The documentation and performance (tests) of the ODF change interoperability feature has been improved, but still ongoing.

His previous collaboration feature runs finally full-featured with green regression tests on his GitHub fork and was not yet merged into the main branch.

Merge needs to be done before October, so the new sponsorship can focus on source code generation from the ODF XML grammar loaded into Graph Database (Apache Tinkerpop).

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 the last release:

2017-04-10

When were the last committers or PMC members elected?

2017-08-02

Signed-off-by:

[](odftoolkit) Nick Burch

Comments:

[X](odftoolkit) Tom Barber

Comments: I agree with Dave's analysis although I did also pitch the Labs as an idea, but that got no traction. Sad to see it go, but there is no growth being shown.

IPMC/Shepherd notes:

Dave Fisher - Svante Schubert is the only active developer. I have been having conversations with him on the future with a push towards retirement.

It is possible the project could move to the TDF.

PLC4X

PLC4X is a set of libraries for communicating with industrial programmable logic controllers (PLCs) using a variety of protocols but with a shared API.

Most important issues to address while moving towards graduation:

Building the community: The PPMC and committer group has a large percentage of codecentric employees, we have been recruiting people from other companies, but will have to continue these efforts for establishing a healthy Apache community.

Onboarding of new committers: With PLC4X several people on the team are not very familiar with the Apache Way. We have started and will continue our efforts on this onboarding.

Any Issues the Incubator PMC or ASF Board might wish/need to be aware of:

Not at the moment.

How has the community developed since the last report?

While the community activity had been quite low since the beginning of the project, things changed in August.

Then we noticed not only new names appearing on the list, but the number of emails on the list grew by 400%-500%.

Also did we get several pull requests from about 5 new names, contributing to multiple areas.

Two of them got added to the Committers and PPMC groups.

The others were one-shot contributions without any further communications.

In September Christofer Dutz had two talks on PLC4X at two conferences:

* Solutions Hamburg 2018

* ApacheCon NA 2018

An article on PLC4X by Christofer Dutz was published in the German Tech Magazine: iX

(Link to the article:

<https://www.heise.de/select/ix/2018/8/1533352444905693>)

Also, just before ApacheCon we also had our first PLC4X Meetup where several current contributors as well as very interested new people were present.

Also did we successfully vote in our first two new committers and PPMC members.

- * Julian Feinauer (pragmatic industries)
- * Andrey Skorikov (codecentric)

Finally just before finishing this report we also finished our first release:
Version 0.1.0

Our mailing list subscriptions went up another 9 to currently 38 subscribers.
Our Twitter followers increased by 18 to 59 followers.

On GitHub we now have 24 "Stars" and 14 "Forks"

Business interest has increased dramatically as more and more companies are signalling their willingness to try out PLC4X and some are currently even in the transition phase of porting their products to PLC4X.

How does the podling rate their own maturity?

We have a mix of new participants and experienced Apache people involved. So far, the new participants have shown great willingness and success in adopting the Apache Way. However, we still need to continue: the on-boarding increasing the diversity of the team.

After our first official release, we will now fine-tune this release process and try to educate other people on the team to also be able to do releases.

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

Yes. All of our mentors have been responsive and have helped.

Signed-off-by:

[](plc4x) Greg Trasuk
Comments:
[X](plc4x) Justin Mclean
Comments:
[X](plc4x) Stefan Bodewig
Comments:

IPMC/Shepherd notes:

Rya

Rya (pronounced "ree-uh" /r/) is a cloud-based RDF triple store that supports SPARQL queries. Rya is a scalable RDF data management system built on top of Accumulo. Rya uses novel storage methods, indexing schemes, and query processing techniques that scale to billions of triples across multiple nodes. Rya provides fast and easy access to the data through SPARQL, a conventional query mechanism for RDF data.

Rya has been incubating since 2015-09-18.

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

1. Increase diversity of committers

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?

- * The community is moving towards graduation: restarted discussion on graduation and started to complete the items required for this step

- * We welcome new users and contributors from Semantic Web Company. A CCLA from Semantic Web Company is being worked on.
- * Received multiple logo proposals. Community discussed and voted a new logo
- * We lost two mentors, but the remaining two mentors are very responsive and helpful

How has the project developed since the last report?

- * Changed RdfFileInputTool to accept multiple input paths, so it can load RDF data from multiple folders
- * Changed from guava's iterators to Java collection's iterators to avoid versioning issues due to the recent change in Guava's `Iterator.emptyIterator` visibility
- * Minor improvements to code and documentation

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

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

Date of last release:

2018-03-04

When were the last committers or PPMC members elected?

- * PPMC member Caleb Meier elected on Jan 3rd, 2017

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

- * Our two remaining mentors are very helpful and responsive.

Signed-off-by:

- [x](rya) Josh Elser
Comments: Discussion on dev@ that may be missed here, interest from some new contributors ("semantic web company") seems to be genuine and helps bolster diverse podling population. Hoping that graduation will push to completion this time and not run out of steam as the last times did.
- [x](rya) Billie Rinaldi
Comments:

IPMC/Shepherd notes:

SensSoft

Apache SensSoft is a generalized user behavioral logging platform for web pages and thin-client applications

Apache SensSoft has been incubating since 2016-07-13.

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

1. Extending release process to other parts of the SensSoft software stack.
2. Grow the Apache SensSoft (Incubating) Committer/Community Base.
3. Complete the issues highlighted at the SensSoft Roadmap
<https://cwiki.apache.org/confluence/display/SENSOFT/Roadmaps>

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

The community will begin the process of voting on a new project name this month.

How has the community developed since the last report?

Several community members have started new employment opening opportunities for community growth. No new community members have come onboard.

How has the project developed since the last report?

Project maturity roadmaps (Wiki) and version release plans (JIRA) continue to be maintained.

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:

2018-03-14

When were the last committers or PPMC members elected?

Arthi Vezhavendan was added to PPMC and Committer base on 2017-01-24

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

Signed-off-by:

[](senssoft) Paul Ramirez
Comments:
[X](senssoft) Lewis John McGibbney
Comments: Hopefully this report has been submitted just in time for the deadline.
The SensSoft Podling is coping well under pressing conditions with an ongoing activity which seeks to essentially rebrand the podling. Once we find a new identity,
I will be working to drive the SensSoft towards graduation. I have also expressed my desire to onboard one other mentor. Hopefully the IPMC has the capacity to rise to that request.
[X](senssoft) Chris Mattmann
Comments: Approved.

IPMC/Shepherd notes:

ServiceComb

ServiceComb is a microservice framework that provides a set of tools and components to make development and deployment of cloud applications easier.

ServiceComb has been incubating since 2017-11-22.

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

1. Community building:
ServiceComb is building a health community by making the decision in Consensus way and the committer, PPMC member can present themselves independently.
Please check out the Apache maturity model assessment for more information

<https://cwiki.apache.org/confluence/display/SERVICECOMB/ServiceComb+Maturity+Model+Assessment+for+ServiceComb>

2. Project visibility:

Now ServiceComb project is widely used not only in Huawei, but also in 20+ other companies.

ServiceComb have the developer team from Huawei, Talend, Stealth, Hyperpilot, RedHat, JingDong, Tencent, Syswin, PICC, Changhong, Cainiao.

3. Trademark transfer:

Huawei is actively transfer the trade mark, and the VP of Market is happy about that.

<https://lists.apache.org/thread.html/4dd251a1833e09d64f608546f18dea8d6c4192a6bf6f9a39fd34743a4@%3Cprivate.servicecomb.apache.org%3E>

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?(2018-07)

- * The community get the third release out:
service-center 1.0.0, java-chassis 1.0.0
- * The community is planning a meetup in Shanghai at Oct 12.

How has the project developed since the last report? (2018-07)

- * Java Chassis merged with 100 PRs by 15 contributors.
- * Service Center merged with 50 PRs by 5 contributors .
- * Saga merged with 60 PRs by 14 contributors.
- * 240 emails sent by 21 people, divided into 34 topics. (2018-07)
- * 202 emails sent by 30 people, divided into 37 topics. 2018-08
- * 228 emails sent by 41 people, divided into 44 topics (2018-09)

How would you assess the podling's maturity?

"Graduate Apache ServiceComb (incubating) as a TLP" discussion was started:

<https://lists.apache.org/thread.html/3fe85fb22cd1fd2c4e4a2370c03a453448a1ea12735d1e136cae6e79@%3Cdev.servicecomb.apache.org%3E>

The vote of "Graduate Apache ServiceComb (incubating)"

<https://lists.apache.org/thread.html/233f234981b0f351681018f03061478920899fc7143c9484c4bab726@%3Cdev.servicecomb.apache.org%3E>

The vote result of "Graduate Apache ServiceComb (incubating)"

<https://lists.apache.org/thread.html/53f73695f8b504d1ed52e837cff9b8877e98c8a9c88668fc25188aca@%3Cdev.servicecomb.apache.org%3E>

Please feel free to add your own commentary.

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

Date of last release:

2018-08-03 Java Chassis 1.0.0
2018-08-03 Service Center 1.0.0

When were the last committers or PPMC members elected?

2018-09-10 All the committer are added PPMC member as the vote result of graduation
2018-09-05 Lin Zhinan, Yang Bo was elected as committer.
2018-07-25 Feng Zheng was elected as committer.

Have your mentors been helpful and responsive or are things falling through the cracks?

In the latter case, please list any open issues that need to be addressed.

Yes, they have been very helpful as always. They gave us lot of helps during the graduation process recently.

Signed-off-by:

[X](servicecomb) Roman Shaposhnik
Comments: the graduation vote has passed, this is likely to be the last Incubator report
[X](servicecomb) Jean-Baptiste Onofre
Comments: We are now pretty close to the graduation. Resolution is almost ready.
[X](servicecomb) Timothy Chen
Comments:

IPMC/Shepherd notes:

Warble

Warble has been incubating since 2018-06-11

Warble is a distributed endpoint monitoring solution where the agent is hosted on your own hardware.

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

1. Engage initial committers.
2. Set core design and feature set, avoid creep of new features before the core is complete.
3. Expand committers and community

Any issues that the Incubator PMC or ASF Board might wish/need to be aware of:
none

How has the community developed since the last report?
We've added 1 initial member and had to drop 3 as they haven't submitted their ICLA.

How has the project developed since the last report?
Design and documentation have moved forward. Trying to on-board more contributors.

How would you assess the podling's maturity?
Progress has been slow, but there is still interest and motivation to get this project moving toward an initial release.

[X] Initial setup
[] Working towards first release
[X] Community building
[] Nearing graduation
[X] Other: Building initial designs and re-writing donated code

Date of last release:
N/A

When were the last committers or PPMC members elected?
N/A

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.
Mentors have been helpful in answering our questions and navigating the incubator. Due to time constraints, there have been no questions or processes to figure out this month really.

Signed-off-by:

[](warble) Daniel Takamori
Comments:

Zipkin

Zipkin is a distributed tracing system. It helps gather timing data needed to

troubleshoot latency problems in microservice architectures.

Zipkin has been incubating since 2018-08-29.

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

1. Finalize committers ICLAs
2. Migrate GitHub repositories
3. Migrate website

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?

The workshop has been held on 20th of September, 2018. The existing community is slowly getting used to the new Zipkin home.

How has the project developed since the last report?

The Confluence space has been created and large amount of content already published, including designs, features and workshops. The discussions around establishing the CI/CD processes are ongoing but currently on hold due to Git repositories migration.

How would you assess the podling's maturity?

Currently in progress are conversations to finalize the IP rights and Git repository migration. The number of core PPMC members have been added, a few more ICLAs are on the way.

- ☒ 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?

2018-09-24

Have your mentors been helpful and responsive or are things falling through the cracks? In the latter case, please list any open issues that need to be addressed.

The team is quite happy with mentors involvement so far.

Signed-off-by:

[X](zipkin) Michael Semb Weaver
Comments:

[X](zipkin) John D. Ament
Comments: The podling is struggling to get their code repos moved over to the ASF. Presently blocked on a requirement to have all ICLAs and SGA present, which isn't the norm for existing open source (non-commercially donated) entities. Granted, we do this very infrequent but it may be time for the foundation to formalize this process a bit better so that other podlings don't run into similar issues.

[X](zipkin) Willem Ning Jiang
Comments:

[X](zipkin) Andriy Redko
Comments:

IPMC/Shepherd notes: