# October2022

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

NOTE that the content for this month report is in markdown format-please do not remove any formatting characters when adding your reports.

It also best to:

- Do not change existing formatting. Especially do not change the formatting of the sign-off area.
- · Keep all lines under 76 characters long.
- All content under the ### headings should be indented by two spaces. Do not use tabs.
- Please don't change the text in the headings or add new ones.
- Include one space after a bullet point or full stop on a numbered list.
- Use [X] (X and no spaces) to sign off reports.
- Do not include long URLs and use the apache URL shortener https://s.apache.org.
- Please note that some lines have two spaces at the end. Do not remove these spaces.

Please make sure you use the current report and don't copy an old one, the headings do change from time to time.

A script will be run on this report before it is submitted to the board. If your lines are too long it may insert line breaks in unexpected places.

Reflow	
fold -w 76 -s \$1   cat -s	

#### **Timeline**

Wed October 05	Podling reports due by end of day
Sun October 09	Shepherd reviews due by end of day
Sun October 09	Summary due by end of day
Tue October 11	Mentor signoff due by end of day
Wed October 12	Report submitted to Board
Wed October 19	Board meeting

# **Shepherd Assignments**

# Incubator PMC report for October 2022

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 34 podlings incubating. Podlings made 4 distinct releases. This month we were missing reports from Livy, Spot, Teaclave, and Marvin-AI. All projects will be asked to report next month. Milagro didn't have the mentors' signoff and will also be asked to report next month. Pony Mail hasn't had a mentor sign off for the last four reports but owing to its unique nature, the report has been left in. Voting for the Heron release was difficultvoting lasted for more than two months, and even though they had six mentors, only one participated in the vote. There is a discussion on their mailing list about them graduating. The IPMC suggested graduating PonyMail, as the project members are ASF members, and it felt the Incubator has nothing more to teach them. This month, several new project proposals were discussed: Baremaps and Celeborn (previously Datark) and Pekko. Pekko is a fork of the Akka project just before its license changed from Apache 2 to the non open source license Business Source License 1.1.) so it's a fork of a hostile license change. Hivemall has retired. Livy started a discussion on retirement. Some people have expressed a desire to rebuild the Livy community, so it might be possible to revive Livy. A few podlings are already in the process of preparing for graduation. The discussion around Sedona's graduation is premature, their release version doesn't have a standard version of the disclaimer, and release votes need a bit more detail. SPAD and Heron has been encouraged to graduate. Some Podlings shared their stories and the Apache experience in the Incubator track at ApacheCon NA in New Orleans.

### Community

#### **New IPMC members:**

None

### People who left the IPMC:

• None

# **New Podlings**

• None

# Podlings that failed to report, expected next month

- LivyMarvin-Al
- Milagro
- Spot
- TeaclaveToree

## Graduations

MXNet

The board has motions for the following:

• None

### Releases

The following releases entered distribution during the month of November:

- Kyuubi 1.6.0Linkis 1.2.0
- Devlake 0.12.0
- Devlake 0.13.0

## **IP Clearance**

• Flagon Distill refactor

# Legal / Trademarks

N/A

### Infrastructure

N/A

### Miscellaneous

- N/A

### Credits

# **Table of Contents**

Annotator DataLab **EventMesh** Flagon HugeGraph Liminal Livy Marvin-Al Milagro NuttX **Pegasus** [Pony Mail](#pony mail) SDAP SeaTunnel Spot StreamPark

#### **Annotator**

Teaclave Toree

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

Annotator has been incubating since 2016-08-30.

### Three most important unfinished issues to address before graduating:

- 1. Incubation issues found by Whimsy. Some look correct (i.e. are pending action from us). Others are things we did when we joined the Incubator.
  - No Software Grant and No IP Clearance Filed this was done at the onset of incubation iirc.
  - No Release Yet/Missing ASF Copyright Headers on Source Code we have made releases, but apparently missed getting headers on everything.
  - No Release Yet/Binary has licensing issues this is likely caused by the above.
  - No Podling Name Search on file we're looking into how to initiate that process.
- 2. We need more (active) mentors...still.
- 3. Our release process is still cumbersome/lengthy, so we release rarely.

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

We would like to initial the podling name search if possible. Additional mentors would also be helpful.

## How has the community developed since the last report?

We've heard of a couple more development groups within the community using Apache Annotator. We're also close to re-running a release vote in the next few weeks.

### How has the project developed since the last report?

We are working (again) to release an 0.3.0 release. The code has been ready for sometime, but we face cross-platform build issues and other annoyances which have held it back.

Another project using Apache Annotator recently surfaced (today) and it's to hear about more momentum in that regard.

### 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 we believe we could be close to this in a few months pending clarifying the items above.
- Other:

#### Date of last release:

2022-05-05

### When were the last committers or PPMC members elected?

2022-08-17

### Have your mentors been helpful and responsive?

Voting involvement is still too low for us to easily turn around a release or the addition of a committer without personally hunting folks down. Similarly, getting mentor involvement looks similar--direct requests for input made via additional emails or IRC pings.

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

There are no known branding uses of any kind - good or bad.

### Signed-off-by:

- (annotator) Nick Kew Comments:
- (annotator) Tommaso Teofili Comments:
- (annotator) Benjamin Young Comments:

### **IPMC/Shepherd notes:**

JM:have you tried asking for new mentors on the IPMC list and removing the inactive ones? However I do see two mentors have signed off this report so perhaps they just need some encouragement to vote on releases and the name search?

#### **DataLab**

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

DataLab has been incubating since 2018-08-20.

#### Three most important unfinished issues to address before graduating:

1. Finish graduation as a TLP.

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

No, there aren't any issues.

### How has the community developed since the last report?

New committers or PPMCs have not been added since the last report.

### How has the project developed since the last report?

- We are working towards the next release.
- Support of image management (done)
- Adding a new Compute Engine Azure HDInsight (in test process)
- Bugs fixing

### How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

#### Date of last release:

2022-01-27

### When were the last committers or PPMC members elected?

The last committer was added on July 22, 2022.

#### Have your mentors been helpful and responsive?

Yes, our mentors are helpful and responsive.

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

Brand and naming issues are absent.

### Signed-off-by:

- (datalab) P. Taylor Goetz Comments:
- (datalab) Henry Saputra Comments:
- (datalab) Furkan Kamaci Comments:

### **IPMC/Shepherd notes:**

### **EventMesh**

EventMesh is a dynamic cloud-native basic service runtime used to decouple the application and middleware layer.

EventMesh has been incubating since 2021-02-18.

#### Three most important unfinished issues to address before graduating:

1.More frequent code contributions 2.A steady release process 3.Growing the community: more committers, more use cases

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

Apache id of committer(Jie) were not created.

### How has the community developed since the last report?

More than 100 contributors involved. Add 3 new committers. Two-weekly meeting are on schedule.

#### How has the project developed since the last report?

Kafka-connector, Redis-connector, Pravega-connector, Knative-connector, workflow, server-go were merged. storage-jdbc-connector, dashboard are developing.

#### 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:

2022-08-31

### When were the last committers or PPMC members elected?

2022-09-13

#### Have your mentors been helpful and responsive?

Mentors were all very nice and helpful.

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

Yes

### Signed-off-by:

- (eventmesh) Francois Papon Comments:
- (eventmesh) Junping Du Comments:
- (eventmesh) Jean-Baptiste Onofré Comments:
- (eventmesh) Justin Mclean
   (exertments)
- Comments: (eventmesh) Von Gosling

Comments:

## **IPMC/Shepherd notes:**

JM:Was the correct process followed for the missing committer?

### Flagon

Flagon is a software tool usability testing platform

Flagon has been incubating since 2016-07-13.

### Three most important unfinished issues to address before graduating:

1. Continue VOTE thread for Graduation on general@incubator

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

None at this time.

### How has the community developed since the last report?

Note: Flagon reported in SEP 2022. No new major developments since then.

### How has the project developed since the last report?

1. Began preparing Flagon Distill SW Grant for 1st Apache Release

Note: Flagon reported in SEP 2022.

#### 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:

2022-05-19 Apache Flagon UserALE.js 2.3.0

### When were the last committers or PPMC members elected?

- Kelsey Rassmann (6/2022)
- Kymani Brown (6/2022)
- Amir Ghaemi (6/2022)
- Austin Bennett (5/2022)

### Have your mentors been helpful and responsive?

Generally, Mentors remain supportive.

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

### Signed-off-by:

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

### **IPMC/Shepherd notes:**

HugeGraph is a large-scale and easy-to-use graph database that supports more than 100+ billion data

HugeGraph has been incubating since 2022-01-23.

### Three most important unfinished issues to address before graduating:

- 1. Prepare first release at Apache
- 2. Grow user and dev community & increase the diversity
- 3. Enhance core product functionality as mentioned in the initial goals

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

None

### How has the community developed since the last report?

We help users participate in the community easily (like enhance issue template and more guidance, use the "Projects" module to manage the release progress and to-do items on GitHub)

And keep close contact with several potential committers (the next vote will be held after the first release)

#### How has the project developed since the last report?

Finished merging and unifying 4 sub-projects into the "hugegraph-toolchain" project and enable a friendly code style check.

We have renamed package name to "org.apache" for "hugegraph-commons", and are preparing to publish it to the maven, then modify other related joint modules.

We support automatic selection of master node for task scheduler and optimized the pipeline of website update, now it supports automatic building and publishing. (improve the user experience).

## 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:

Not yet available

#### When were the last committers or PPMC members elected?

2022-04-23 (April 28th)

#### Have your mentors been helpful and responsive?

Yes, mentors help to remind the release schedule and planning. They tell us the priority and possible obstacles in the release process.

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

Yes, 3rd parties are respecting and correctly using the podlings name and brand.

### Signed-off-by:

- (hugegraph) Lidong Dai Comments:
- (hugegraph) Trista Pan Comments:
- (hugegraph) Xiangdong Huang Comments:
- (hugegraph) Yu Li
- Comments: Hope we could have the first apache release in the next cycle
- (hugegraph) Willem Ning Jiang

Comments: It has been a long time since we prepared the first release of Apache Incubator.

### **IPMC/Shepherd notes:**

### Liminal

Apache Liminal is an end-to-end platform for data engineers and scientists, allowing them to build, train and deploy machine learning models in a robust and agile way.

Liminal has been incubating since 2020-05-23.

## Three most important unfinished issues to address before graduating:

- 1. Grow developers community.
- 2. Adoption of the project by a few companies.
- 3. Integrations with eco-system projects.

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

NA

### How has the community developed since the last report?

NA

#### How has the project developed since the last report?

We have progressed in SageMaker / Liminal integration. Having a working PoC.

### 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:

2022-03-10

### When were the last committers or PPMC members elected?

2022-04-06

### Have your mentors been helpful and responsive?

They have been very responsive and helpful.

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

### Signed-off-by:

- (liminal) Jean-Baptiste Onofré Comments:
- (liminal) Henry Saputra

Comments:

- (liminal) Uma Maheswara Rao G Comments:
- (liminal) Davor Bonaci
- Comments:
- (liminal) Liang Chen

Comments:

### **IPMC/Shepherd notes:**

#### NuttX

NuttX is a mature, real-time embedded operating system (RTOS).

NuttX has been incubating since 2019-12-09.

#### Three most important unfinished issues to address before graduating:

- 1. Clear any potential infringing use of the NuttX trademark
- 2. Do more non-WIP Disclaimer releases
- 3. Continue to grow the community with people from different background

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

The project has begun discussions about graduation from the Incubator with an aim to achieve TLP status in the near future.

Interested parties are encouraged to participate in the discussion thread, "[DISCUSS] Graduate NuttX as TLP", started 24 June 2022, archived:

https://lists.apache.org/thread/vpj21ofyxmjs528n3b9s72wozh9hjz8f

We would like to express our gratitude to the hard-working volunteers of the NuttX, Incubator, and ASF community for all their help and support so far.

### How has the community developed since the last report?

- Virtually all communications have moved from old venues to dev@nuttx.apache.org. The dev list contains 262 subscribers and is the home of most development discussions and user questions.
- GitHub's PRs and Issues also have their own discussions.
- We are seeing new contributors to the project through GitHub.
- We have 5 mentors, 18 PPMC members, and 26 non-PPMC committers.

### How has the project developed since the last report?

- More than 800 PRs merged since last report.
- One new PPMC member, Lup Yuen Lee (lupyuen) has joined.
- NuttX-10.3, our first non-WIP release, was released on June 24, 2022.
- NuttX-11.0 is currently awaiting votes in the IPMC. We encourage all IPMC members to review and vote on this release. See the mail thread "[VOTE] Release Apache NuttX (Incubating) 11.0.0" https://lists.apache.org/thread/0h6wq2cqk3ckdttz78964fw4007b51lr.
- Many technical improvements, bug fixes, and new architectures have been collaborated and work continues with several pull
  requests merged per day.
- We have listened to the valuable feedback received during our previous releases and continue to improve our documentation. This can be found at https://nuttx.apache.org/docs/latest/.

## How would you assess the podling's maturity?

Please feel free to add your own commentary.

- Initial setup
- Working towards first release

- Community building
- Nearing graduation
- Other:

#### Date of last release:

NuttX-10.3.0 was released on 2022-06-24.

#### When were the last committers or PPMC members elected?

Last elected PPMC: 2022-09-14 Last committer added: 2022-09-14

### Have your mentors been helpful and responsive?

Mentors are helpful and responsive.

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

Podling name was approved on May 17th 2020: https://s.apache.org/4hfzx

### Signed-off-by:

- (nuttx) Duo Zhang Comments:
- (nuttx) Junping Du Comments:
- (nuttx) Justin Mclean
- Comments:
- (nuttx) Mohammad Asif Siddiqui
- Comments:
- (nuttx) Flavio Paiva Junqueira Comments:

### **IPMC/Shepherd notes:**

# Pegasus

Pegasus is a distributed key-value storage system which is designed to be simple, horizontally scalable, strongly consistent and high-performance.

Pegasus has been incubating since 2020-06-28.

## Three most important unfinished issues to address before graduating:

- ${\bf 1.}\ \ Grow\ the\ community (attracting\ more\ committers,\ contributors,\ users).$
- 2. Make more releases in ASF policy regularly.
- 3. Improve the Pegasus project performance, stability, and usage scenarios.

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

None

#### How has the community developed since the last report?

Preparing to hold an offline meetup in Beijing on Oct 22, 2022.

### How has the project developed since the last report?

Preparing to release 2.4.0.

#### 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:

2021-11-26

#### When were the last committers or PPMC members elected?

2022-7-8, committer: Dan Wang(GitHub ID: empiredan)

### Have your mentors been helpful and responsive?

Yes, our mentors gave us a lot of help, including IP clearance, version release, and etc.

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

No issues that we are aware of.

### Signed-off-by:

- (pegasus) Duo zhang Comments:
- (pegasus) Liang Chen Comments:
- (pegasus) Von Gosling Comments:
- (pegasus) Liu Xun Comments:

### **IPMC/Shepherd notes:**

### **Pony Mail**

Pony Mail is a mail-archiving, archive viewing, and interaction service, that can be integrated with many email platforms.

Pony Mail has been incubating since 2016-05-27.

### Three most important unfinished issues to address before graduating:

- 1. Growing community
- Finalizing graduation discussion

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

None

### How has the community developed since the last report?

No material development since last month. Community is discussing graduation.

### How has the project developed since the last report?

No material development since last month.

## 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:

#### When were the last committers or PPMC members elected?

Sean Palmer was elected committer on 2021-04-02

### Have your mentors been helpful and responsive?

Are things falling through the cracks? If so, please list any open issues that need to be addressed.

Mentors have been absent, but are not really required at this stage.

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

No answer.

### Signed-off-by:

 (ponymail) John D. Ament Comments:

### **IPMC/Shepherd notes:**

### **SDAP**

SDAP (Science Data Analytics Platform) provides earth observation data access and computing as scalable services.

SDAP has been incubating since 2017-10-22.

### Three most important unfinished issues to address before graduating:

- 1. Make official SDAP (Incubating) Release
- 2. Continuous Integration / Continuous Deployment
- 3. Automated testing

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

None

### How has the community developed since the last report?

Discussion and development is active.

The following presentations from projects leveraging Apache SDAP were given at the July 2022 Summer ESIP meeting in Pittsburgh.

- An Earth System Digital Twin for Flood Prediction and Analysis
- Air Quality Collaborative Framework (AQ ACF)
- Cloud-based Data Match-Up Service and AI

### How has the project developed since the last report?

#### Completed Issues:

- SDAP-396 Update matchup endpoint to use Saildrone API
- SDAP-397 Update matchup outputs per team findings
- SDAP-395 Add in situ JSON schema endpoint to in situ data services
- SDAP-387 Update NetCDF matchup output format
- SDAP-400 Update matchup endpoint to use NCAR API
- SDAP-394 In situ subset API needs to return meta column as one of the default columns
- SDAP-393 Add optional insitu API endpoint to SDAP ingress
- SDAP-371 Fix domssubset API
- SDAP-390 Update NetCDF reader tool for data match-up

#### New/Updated Issues:

- SDAP-399 Update SDAP quickstart guide to include instructions for both docker and k8s installation
- SDAP-403 Catch ReadTimeout exception when adding remote collections
- SDAP-398 Create CDMS API tests
- SDAP-401 Add support for additional JSON outputs for ease of generating plots
- SDAP-402 Update match-up algorithm to return all variables at the same lat, lon, time for matchOnce=true

### 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:

2022-08-04 (webapp component version 0.4.5a52)

#### When were the last committers or PPMC members elected?

Two new members were invited to PPMC and committer in August 2022.

## Have your mentors been helpful and responsive?

Mentors are very helpful and responsive in our developers community.

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

PPMC is not aware of any issues.

### Signed-off-by:

- (sdap) Jörn Rottmann Comments:
- (sdap) Trevor Grant Comments:

#### **IPMC/Shepherd notes:**

JM: Please consider graduating.

#### SeaTunnel

SeaTunnel is a very easy-to-use ultra-high-performance distributed data integration platform that supports real-time synchronization of massive data.

SeaTunnel has been incubating since 2021-12-09.

### Three most important unfinished issues to address before graduating:

- · Keep Apache versions released regularly.
- Attract more active contributors and committers to build a diverse community.

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

None

#### How has the community developed since the last report?

The community ushers in 40 new contributors, bringing the total number to 124 now, 300+ pull requests have been merged since SeaTunnel entered the last report.

We held three meetups, one in Singapore and two in China. two contributors shared the practice of SeaTunnel (incubating) within the enterprise at Apache Con Asia. results demonstrate good, we already have some Asian not including Chinacontributors.

### How has the project developed since the last report?

We are about to release our first major release since entering the incubator - 2.2.0-beta, the result of hundreds of contributors' efforts, including API refactoring, connector adaptation, and more. Also, community engine development (another milestone release) will be released soon.

#### How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

#### Date of last release:

August 4, 2022

#### When were the last committers or PPMC members elected?

- We elected Chao Tian, Jun Gao and Zongwen Li as a committer.
- We elected Jia Fan as a PPMC.

### Have your mentors been helpful and responsive?

Yes, always responsive and helpful. They gave a lot of great suggestions on community building.

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

No known issues, but further investigation is still required by the SeaTunnel community.

### Signed-off-by:

- (seatunnel) Zhenxu Ke
- Comments:
- (seatunnel) William-GuoWei
- Comments:
- (seatunnel) Lidong Dai
  - Comments:
- (seatunnel) Ted Liu
  - Comments:
- (seatunnel) Kevin Ratnasekera
- Comments:
- (seatunnel) JB Onofré
- Comments:
- (seatunnel) Willem Jiang

Comments:

### **IPMC/Shepherd notes:**

### **StreamPark**

StreamPark is a streaming application development platform.

StreamPark has been incubating since 2022-09-01.

#### Three most important unfinished issues to address before graduating:

- 1. Bootstrap project, Make first StreamPark release at Apache
- 2. Rebuild website and transition to Incubator
- 3. Promote the project and grow user and dev community

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

None.

### How has the community developed since the last report?

Since entering the Apache Incubator (2022.09.01), we have added 7 new contributors, bringing the total to 73 now. The number of dev mail subscriptions is 20. The number of PR that have been merged is 111

### How has the project developed since the last report?

This is our first report after the StreamPark project is accepted for Apache Incubator. We are preparing for the first Apache release, with many contributors contributing, and many features will be released in our first Apache 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:

No release yet

#### When were the last committers or PPMC members elected?

2022-09-16

### Have your mentors been helpful and responsive?

Yes, always responsive and helpful.

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

We are starting

### Signed-off-by:

- (streampark) tison
- Comments:
- (streampark) Willem Ning Jiang

Comments: It's good to see there are more contributors after the incubating process.

- (streampark) Stephan Ewen
- Comments:
- (streampark) Thomas Weise
  - Comments: Nice work on setting up the project! Are you planning to make more use of the dev@ list for discussions?
- (streampark) Duo Zhang

Comments:

### **IPMC/Shepherd notes:**

#### **Teaclave**

Teaclave is a universal secure computing platform.

Teaclave has been incubating since 2019-08-20.

### Three most important unfinished issues to address before graduating:

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

How has the community developed since the last report?

How has the project developed 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:

XXXX-XX-XX

#### When were the last committers or PPMC members elected?

### Have your mentors been helpful and responsive?

Are things falling through the cracks? If so, please list any open issues that need to be addressed.

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

Are 3rd parties respecting and correctly using the podlings name and brand? If not what actions has the PPMC taken to correct this? Has the VP, Brand approved the project name?

#### Signed-off-by:

- (teaclave) Felix Cheung Comments:
- (teaclave) Furkan Kamaci Comments:
- (teaclave) Jianyong Dai Comments:
- (teaclave) Matt Sicker
- Comments:
   (teaclave) Zhijie Shen
- Comments:(teaclave) Gordon King Comments:

# **IPMC/Shepherd notes:**

#### **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 unfinished issues to address before graduating:

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

How has the community developed since the last report?

How has the project developed 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:

XXXX-XX-XX

When were the last committers or PPMC members elected?

Have your mentors been helpful and responsive?

Are things falling through the cracks? If so, please list any open issues that need to be addressed.

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

Are 3rd parties respecting and correctly using the podlings name and brand? If not what actions has the PPMC taken to correct this? Has the VP, Brand approved the project name?

# Signed-off-by:

- (toree) Luciano Resende Comments:
- (toree) Julien Le Dem Comments:
- (toree) Ryan Blue Comments:

# **IPMC/Shepherd notes:**