November2020

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 November 4th	Podling reports due by end of day
Sun November 8th	Shepherd reviews due by end of day
Sun November 8th	Summary due by end of day
Tue November 10th	Mentor signoff due by end of day
Wed November 11th	Report submitted to Board
Wed November 18th	Board meeting

Shepherd Assignments

Dave Fisher	Livy
Dave Fisher	NLPCraft
Drew Farris	Annotator
Drew Farris	Pinot
Justin Mclean	Ratis
P. Taylor Goetz	DataSketches
P. Taylor Goetz	Tuweni
P. Taylor Goetz	Weex
Timothy Chen	Doris
Timothy Chen	ECharts
Timothy Chen	Milagro
	BlueMarlin
	DolphinScheduler
	Heron

	Hop
	Liminal
	PageSpeed
	S2Graph
	SDAP
	Sedona
	Toree
	Training
	Warble

Incubator PMC report for November 2020

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

There are presently 46 podlings incubating. In October, podlings executed 8 distinct releases. We added 3 IPMC members and none retired. There was one IP clearance in September. We have one new project Hop, and no projects graduated last month. Superset was up for graduation last month, but it was submitted just before the board meeting, and there wasn't time to review it.

This month we were missing reports from Annotator, BlueMarlin, Livy, S2Graph, Toree and Warble. Livy, S2Graph, and Warble failed to report last month and Annotator didn't get sign off from its mentors.

BlueMarlin has bootstrapped after a long delay, but still didn't report. A role call for S2Graph got no response and the IPMC will consider retiring the project. SDAP and Weex reported after missing several reports. Weex is considering retirement and Warble will be retired.

A new proposal Alita-validator is being discussed.

Progress on MXNet issues is still slow, with most problems being on hold waiting for NVIDIA or legal JIRA's to be resolved. More branding and trademark issues have been found, and their latest release didn't pass an IPMC vote, and a new release is currently up for a vote. They needed a lot of help with branding issues for an upcoming conference and were late in asking for help. NVIDIA has changed their licensing terms, but the terms are still incompatible with the Apache license. It's likely that the legal JIRA will be resolved as Category X and that will mean that the project will need to remove some of it own non-compliant releases from Apache infrastructure and ask 3rd parties to rename releases. The IPMC has had further discussions on what to do about the project.

There was a discussion on what criteria should be used to remove a podling from the IPMC.

Some minor changes were made to the distribution guidelines based on feedback from various people.

We had a slightly odd request from an ASF sponsor about IP governance, which seems to have been satisfactorily resolved.

Most discussions on the mailing list were around releases and graduations. There were graduation discussions around ECharts, Flagon, Superset and TVM.

Community

New IPMC members:

- Jerry Shao
- Antoine Toulme
- Imesha Sudasingha

People who left the IPMC:

None

New Podlings

Hop

Podlings that failed to report, expected next month

- Annotator
- BlueMarlin
- Livy
- S2Graph

- Toree
- Warble

Graduations

- None last month

The board has motions for the following:

- Superset
- TVM?

Releases

The following releases entered distribution during the month of October:

- DLab 2.4.0
- Doris 0.13.0
- NLPCraft 0.7.0
- StreamPipes 0.67.0
- TVM 0.7.0
- Teaclave 0.1.0
- TubeMQ 0.6.0
- Tuweni 1.2.0

IP Clearance

- Apache Arrow Julia library

Legal / Trademarks

NVIDIA has changed their licensing terms, but the terms are still incompatible with the Apache license.

Infrastructure

Infra added some documentation on setup up new podlings.

Miscellaneous

None

Table of Contents

DataSketches

DataSketches is an open source, high-performance library of stochastic streaming algorithms commonly called "sketches" in the data sciences. Sketches are small, stateful programs that process massive data as a stream and can provide approximate answers, with mathematical guarantees, to computationally difficult queries orders-of-magnitude faster than traditional, exact methods.

DataSketches has been incubating since 2019-03-30.

Three most important unfinished issues to address before graduating:

1. Adding more committers. We added one last quarter and we have a few more individuals that we have been considering.
2. We have created a draft Maturity model, which is undergoing review.
3. Prepare for Graduation. We have a Graduation checklist that we are going through

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

No.

How has the community developed since the last report?

Public presentations since last report:

- ACM-KDD conference in August.
- DataCon2020 in Taiwan in September.
- ApacheCon 2020 in September.

We are seeing increased interest from scientific communities that work with big data and platforms that want to use our code (e.g. Apache Impala).

How has the project developed since the last report?

We released a new minor release of C++: 2.1.0.

Based on feedback from our community, we are developing a Docker deployable version of our library, which hopefully will be released soon.

We are working on a brand new sketch as part of the Quantiles family.

To the best of our knowledge all of our licensing and website issues have been addressed and have been implemented in formal releases or are in master-branch staging, awaiting the next release.

We are continuing to respond to new user's requests for help.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

- 2020-06-19 incubating-datasketches-cpp 2.1.0

When were the last committers or PPMC members elected?

- 2020-08-17 (LDAP create date)

Have your mentors been helpful and responsive?

Generally our mentors have been very helpful. However, a little more help from our mentors on timely approval of our releases would be appreciated. Our last release took 18 days to get 3 IPMC members to vote. We don't know what is typical, but this seems a bit long. Please advise.

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

To the best of our knowledge, yes.

- Are 3rd parties respecting and correctly using the podlings name and brand?

As far as we know, yes.

- If not what actions has the PPMC taken to correct this?

  We have not had to face this issue yet.
- Has the VP, Brand approved the project name?

Yes, and it is clearly stated as such on http://incubator.apache.org/projects/datasketches.html

Signed-off-by:

- (datasketches) Liang Chen
  Comments:
- (datasketches) Kenneth Knowles
  Comments:
- (datasketches) Furkan Kamaci
  Comments:
- (datasketches) Evans Ye
  Comments:
- (datasketches) Dave Fisher
  Comments: I think that DataSketches will be ready to graduate at the December Board meeting.

IPMC/Shepherd notes:

DolphinScheduler

Dolphin Scheduler is a distributed and easy-to-expand visual DAG workflow scheduling system dedicated to solving the complex dependencies in data processing, making the scheduling system out of the box for data processing.

Dolphin Scheduler has been incubating since 2019-8-29.

Three most important unfinished issues to address before graduating:

1. Guide community to commit code and code review using Apache way.
2. Develop more committers and contributors.

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

None

How has the community developed since the last report?

1. GitHub code contributors grew from 116 to 136. two new Committers join the community.
2. Hold a co-meetup with Apache Pulsar and 1500+ viewers join the on-line meetup on September, 5.
3. PPMC William Guo Wei share the story about open source on the Apache Local Community Beijing meetup.
4. PPMC William Guo Wei attend the Apache Roadshow-China and give the session about 'how to build the community from 0 to 1'

How has the project developed since the last report?

1. Maven Plugin 1.0.0 has released.
2. Apache Dolphin Schedule1.3.2 has released and 1.3.3 is ready for releasing.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

2020-09-01

When were the last committers or PPMC members elected?

2020-10-27

Have your mentors been helpful and responsive?

Our mentors were very helpful, help us to refine release process and how to release a plug-in.

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

Yes.

Signed-off-by:

- (dolphinscheduler) Sheng Wu

  Comments:

- (dolphinscheduler) ShaoFeng Shi

  Comments:

- (dolphinscheduler) Liang Chen

  Comments:

- (dolphinscheduler) Furkan KAMACI

  Comments:

- (dolphinscheduler) Kevin Ratnasekera

  Comments:

IPMC/Shepherd notes:

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 unfinished issues to address before graduating:

1. We are beginning to evaluate the maturity model of the project, and begin to discuss and prepare some graduation-related matters.

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

None

How has the community developed since the last report?

1. Since the last report, we have added 21 contributors and 1 committers. There are currently 121 contributors and 20 committers.
2. We have moved more and more discussions to the dev mailing list, and continue to encourage people to discuss issues in the mail group.
3. We participated in the ApacheCon 2020 Mandarin track, and also participated in the Apache China Roadshow held by ACL Beijing. This helps Doris become more widely known

How has the project developed since the last report?

1. We released the first version that does not include WIP files(v0.13). We think this means that the Doris project has now fully complied with the Apache specification requirements.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

2020-10-27: Apache Doris (incubating) 0.13.0-rc03

When were the last committers or PPMC members elected?

1. New Committer: Bo Wang. 2020-10-27

Have your mentors been helpful and responsive?

All mentors are helpful.

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

Yes. 3rd parties are using the podlings name and brand correctly. And the project name is approved.

Signed-off-by:

- (doris) Dave Fisher
  Comments:
- (doris) Willem Ning Jiang
  Comments: It's good to see Doris made some process on the community build side.
- (doris) Shao Feng Shi
  Comments:

IPMC/Shepherd notes:

ECharts

ECharts is a charting and data visualization library written in JavaScript.

ECharts has been incubating since 2018-01-18.

Three most important unfinished issues to address before graduating:

1. Discuss and vote on graduation proposal.

Our maturity model is available at https://cwiki.apache.org/confluence/display/ECHARTS/Apache+Maturity+Model +Assessment+for+ECharts

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

We have solved the branding issue of a third-party product and we are going to vote again in the project's mailing list and go through the graduation procedures.

How has the community developed since the last report?

The community is healthy and people are helping contribute to the project.

How has the project developed since the last report?

We are working on the next major release of Apache ECharts (incubating), which is under testing now and is expected to start the release vote in November.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

2020-08-28

When were the last committers or PPMC members elected?

Committer: 2020-10-15, Quill Qian PPMC: 2020-07-27, Zak Wu

Have your mentors been helpful and responsive?

Yes. Mentors offered a lot help.

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

We have fixed a lot of third-party extensions' descriptions and readme files to make sure they reference the project as "Apache ECharts" and correct the Website reference to be Apache domain. And we have solved the branding issue of a third-party product, redirecting from https://gallery.echartsjs.com/ to a domain that does not contain "echarts" https://www.makeapie.com.

Signed-off-by:

- (echarts) Kevin A. McGrail
  Comments: Expecting graduation in December.
- (echarts) Dave Fisher
  Comments: Expecting graduation in December.
- (echarts) Ted Liu
  Comments:
- (echarts) Sheng Wu
  Comments:

IPMC/Shepherd notes:

Heron

A real-time, distributed, fault-tolerant stream processing engine.

Heron has been incubating since 2017-06-23.

Three most important unfinished issues to address before graduating:

1.Building the community 2.Make Heron easier to use 3.

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

How has the community developed since the last report?

The community has remained consistent. Increasing the community should be a major goal for the project.

How has the project developed since the last report?

- Bug fixes to help with the python 3 migration.
- Code/feature cleanups

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

2019-11-14 0.20.2-incubating. Community is currently working on a new release.

When were the last committers or PPMC members elected?

The last two new committers voted in:

- Oliver Bristow (July 22, 2020)
- Windham Wong (July 3, 2020)

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.

Dave has always been helpful.

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

Yes

Signed-off-by:

- (heron) Jake Farrell
  Comments:
- (heron) Julien Le Dem
  Comments:
- (heron) P. Taylor Goetz
  Comments:
- (heron) Dave Fisher
  Comments: I hardly see the other mentors.

IPMC/Shepherd notes:

Hop

Hop is short for the Hop Orchestration Platform. Written completely in Java it aims to provide a wide range of data orchestration tools, including a visual development environment, servers, metadata analysis, auditing services and so on. As a platform, Hop also wants to be a reusable library so that it can be easily reused by other software.

Hop has been incubating since 2020-09-24.

Three most important unfinished issues to address before graduating:

1. migrate source code
2. create a first release
3. grow the community

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

We are in the process of preparing our code for migration to the ASF repositories

How has the community developed since the last report?

6 new users on our MatterMost chat (currently 99 registered users)

22 subscribers on the dev mailing list

How has the project developed since the last report?

JIRA migration is done. https://jira.project-hop.org is now read-only.

Website migration is done, website has received a face lift.

A couple of community members became very active contributors and will be added as committers shortly.

Code continues to evolve in non-ASF repository in preparation for the code migration.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

No releases so far

When were the last committers or PPMC members elected?

No additional committers or PPMC members so far.

Have your mentors been helpful and responsive?

We've received help when needed. Mentors step in whenever they see an action that needs to be taken care of.

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

Not much third-party activity. We're keeping all communication about the incubation on a low level until the code has been migrated.

No information on brand approval so far.

Signed-off-by:

- (hop) Tom Barber
  Comments:
- (hop) Julian Hyde
  Comments: Hop has got off to a great start. They are tearing through the incubation tasks (e.g. JIRA, code migration, mailing lists) and community activity is happening on the dev list.
- (hop) Maximilian Michels
  Comments: I'm very pleased to see the enthusiasm and the quick learning process that the project has already undergone. We already migrated existing issues and code. We setup infrastructure. We've had discussions on the mailing lists. It's clear that there are still many more things to learn experience (e.g. releases) but I'm feeling very confident about the project.
- (hop) Francois Papon
  Comments: The project team made a great work in the startup process and we can see a real interest about the incubating process. Many things have to be done but I also have a good feeling for the next.
- (hop) Kevin Ratnasekera
  Comments:

IPMC/Shepherd notes:

Liminal

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

Liminal has been incubating since 2020-05-23.

Three most important unfinished issues to address before graduating:

1. Building community
2. First release
3. Roadmap creation

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

No

How has the community developed since the last report?

1. We will present at the Data & AI Summit Europe : https://databricks.com/session_eu20/apache-liminal-incubating-orchestrate -the-machine-learning-pipeline
2. We plan to have a first meetup at the end of November.
3. Project Website is up - http://liminal.apache.org/

How has the project developed since the last report?

We have defined the scope of the first release and working for GA in the beginning of 12/2020

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

None yet.

When were the last committers or PPMC members elected?

None yet.

Have your mentors been helpful and responsive?

JB & Davor have been helpful and responsive.

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

NA.

Signed-off-by:

- (liminal) Jean-Baptiste Onofre
  Comments:
- (liminal) Henry Saputra
  Comments:
- (liminal) Uma Maheswara Rao G
  Comments:
- (liminal) Davor Bonaci
  Comments: Nice progress since the last report. The pace of progress seems to be accelarating.
- (liminal) Liang Chen
  Comments:

IPMC/Shepherd notes:

Milagro

Milagro is core security infrastructure and crypto libraries for decentralized networks and distributed systems.

Milagro has been incubating since 2015-12-21.

Three most important unfinished issues to address before graduating:

1. Continue to build relevant and useful crypto libraries and applications for decentralized networks in order to grow the ecosystem of users and contributors to the project.
2. Continue to improve compliance with the Apache Way. In particular to update the Milagro website and other project sites (e.g. Whimsy) in accordance with Apache policies.
3. Further releases to increase the scope of the Milagro project, extend the capability of existing releases and to demonstrate improved compliance with the Apache Way.

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

No significant issues, however some administrative tasks around the project are still outstanding. These will be addressed before the next podling report. To help address these issue, a PPMC meeting has been proposed. This meeting will be extended to all members of the milagro project to allow an open discussion on the project's roadmap.

How has the community developed since the last report?

No change.

How has the project developed since the last report?

Work continues on the C and Rust versions of the core cryptographic library and on preparing the Multi Party Computation library for its first official 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:

2020-02-10

When were the last committers or PPMC members elected?

February 2020

Have your mentors been helpful and responsive?

No issues.

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

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

Signed-off-by:

- (milagro) Nick Kew
  Comments:
- (milagro) Jean-Frederic Clere
  Comments:

IPMC/Shepherd notes:

NLPCraft

A Java API for NLU applications

NLPCraft has been incubating since 2020-02-13.

Three most important unfinished issues to address before graduating:

1. Community growth both developer and users.

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 changes.

How has the project developed since the last report?

Project has significant progress in terms of developing its roadmap.

How would you assess the podling's maturity?

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

Date of last release:

2020-10-29

When were the last committers or PPMC members elected?

2020-05-24

Have your mentors been helpful and responsive?

no issues to report.

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

no issues to report.

Signed-off-by:

- (nlpcraft) Roman Shaposhnik
  Comments:
- (nlpcraft) Furkan Kamaci
  Comments:
- (nlpcraft) Evans Ye
  Comments:
- (nlpcraft) Paul King
  Comments:
- (nlpcraft) Konstantin I Boudnik
  Comments:

IPMC/Shepherd notes:

Dave Fisher - the report is somewhat sparse, but I know the project is active

---

PageSpeed

PageSpeed represents a series of open source technologies to help make the web faster by rewriting web pages to reduce latency and bandwidth.

PageSpeed has been incubating since 2017-09-30.

Three most important unfinished issues to address before graduating:

1. Grow the number of active developers
2. Enhance the release process: switch to github tagged release to simplify.

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

While there is a healthy user base, the number of active developers remains persistently low. This seems to be a hard to address challenge.

How has the community developed since the last report?

Mailing lists and git issues are active. The number of active developers is unchanged.

How has the project developed since the last report?

Minor activity, iterating on the 2.0 version.

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:

The week of May 11th, 2020

When were the last committers or PPMC members elected?

May 27 2019 (Longinos Ferrando, elected as both committer and PMC member)

Have your mentors been helpful and responsive?

Yes.

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

- As far as we know the brand is respected by third parties. We-Amp mirrors the incubator site over at modpagespeed.com - but will work on transferring the domain name to the ASF this quarter.
- It's not known if the VP, brand has explicitly approved, so that is something we need to make sure about and resolve.

Signed-off-by:

- (pagespeed) Jukka Zitting
  Comments:
- (pagespeed) Leif Hedstrom
  Comments:
- (pagespeed) Nick Kew
  Comments:

IPMC/Shepherd notes:

Pinot

Pinot is a distributed columnar storage engine that can ingest data in real- time and serve analytical queries at low latency.

Pinot has been incubating since 2018-10-17.

Three most important unfinished issues to address before graduating:

1. None

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 now have 690+ members in the Apache Pinot Slack Community - all slack discussions are forwarded to the project mailing list.

How has the project developed since the last report?

- Released 0.5.0
- Github stats in the last one month:
  - 31 authors have pushed 77 commits to master and 100 commits to all branches.
  - On master, 880 files have changed and there have been 22,711 additions and 4,458 deletions.
  - 24 issues were resolved, and 28 new issues were opened.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

2020-09-10

When were the last committers or PPMC members elected?

July 2020

Have your mentors been helpful and responsive?

No answer.

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

No answer.

Signed-off-by:

-   (pinot) Kishore Gopalakrishna
  Comments:
-   (pinot) Jim Jagielski
  Comments:
-   (pinot) Olivier Lamy
  Comments:
-   (pinot) Felix Cheung
  Comments:

IPMC/Shepherd notes:

Ratis

Ratis is a java implementation of the RAFT consensus protocol.

Ratis has been incubating since 2017-01-03.

Three most important unfinished issues to address before graduating:

The project is ready for graduation. The graduation discussion has been started on the PPMC private list.

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?

- 2 new contributors. 49 total contributors.

How has the project developed since the last report?

- 58 commits since the last report.
- Work done by the community on improving the quality of unit tests.
- The Ratis streaming project is under development (RATIS-979)

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

2020/07/20 - Ratis 1.0.0.

When were the last committers or PPMC members elected?

runzhiwang was elected as a committer on Aug 11, 2020.

Have your mentors been helpful and responsive?

Mentors are helpful.

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

The name is approved. https://issues.apache.org/jira/browse/PODLINGNAMESEARCH-160

Signed-off-by:

- (ratis) Uma Maheswara Rao G
  Comments: Graduation discussions have been initiated. I feel, the project is ready for graduation.
- (ratis) Devaraj Das
  Comments:
- (ratis) Arpit Agarwal
  Comments:

IPMC/Shepherd notes:

SDAP

SDAP is an integrated data analytic center for Big Science problems.

SDAP has been incubating since 2017-10-22.

Three most important unfinished issues to address before graduating:

1. Make official SDAP (Incubating) Release
2. Improve committer participation
3. Improve/create user guide documentation

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?

Thomas Huang delivered a (virtual) keynote address at the 2020 ApacheCon @Home on 9/29 and discussed our creation of the Apache Science Data Analytics Platform (SDAP) as a professional open source Analytics Center Framework (ACF) and its growing list of NASA and international applications.

The COVERAGE (CEOS Ocean Variables Enabling Research and Applications for GEO, https://coverage.ceos.org/technology/#software) development team at JPL completed an initial deployment of SDAP on European cloud platform, WEkEO (https://wekeo.eu/). Paired with a previously deployed SDAP on Amazon Web Services (AWS), an objective of COVERAGE is to enable joint analytics leveraging geographically distributed SDAP installations that host distinct yet compatible American and European satellite-based and in situ ocean-related datasets.

Additional deployments of SDAP that are currently being maintained:

- NASA Estimating the Circulation and Climate of the Ocean (ECCO) (https://ecco-group.org)
- NASA Gravity Recovery & Climate Experiment (GRACE) Follow-On (https://grace.jpl.nasa.gov)
- NASA Sea Level Change Portal (https://sealevel.nasa.gov)

How has the project developed since the last report?

Three new features:

- SDAP-292 Add Cassandra authentication support to delete_by_query.py script
- SDAP-278 Cassandra authentication for webapp
- SDAP-258 Update Deseason Algorithm to Use Precomputed Climatologies

Two improvements:

- SDAP-284 Collection Manager to support recursive directory structures
- SDAP-285 Solr not indexing lat/lon

Eight bug fixes:

- SDAP-282 Support configuring dimension names and projection during ingestion
- SDAP-291 netcdf parsing error with GMPE dataset in Granule Ingester
- SDAP-280 Collection Manager should not block when checking ingestion history
- SDAP-279 Collection Manager does not pick up fs events with NAS mount
- SDAP-267 config operator, manage git url or branch update in the helm chart
- SDAP-261 bug fixes for new ingestion system (granule ingestion & collection manager)
- SDAP-277 Better error handling in Granule Ingester
- SDAP-281 bigdata ingestion feedback (reading time)

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?

Two new committers were elected in April 2020.

Have your mentors been helpful and responsive?

No issues, mentors are responsive.

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

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

Signed-off-by:

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

IPMC/Shepherd notes:

Sedona

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

Sedona has been incubating since 2020-07-19.

Three most important unfinished issues to address before graduating:

1. We are still working on the first release

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

No

How has the community developed since the last report?

We are doing good here. We received many questions via emails and on Gitter chat.

How has the project developed since the last report?

We have made several PR to prepare the first release. This includes the name change in the paths and classes, update dependencies in core, sql, viz and python. We are also working on the documentation updates.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

N/A

When were the last committers or PPMC members elected?

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

Have your mentors been helpful and responsive?

Yes, all good here.

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

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

Signed-off-by:

- (sedona) Felix Cheung
  Comments: Good progress on the first release. Looking forward to it.
- (sedona) Jean-Baptiste Onofré
  Comments:
- (sedona) George Percivall
  Comments:
- (sedona) Von Gosling
  Comments:

IPMC/Shepherd notes:

Training

The Training project aims to develop resources which can be used for training purposes in various media formats, languages and for various Apache and non-Apache target projects.

Training has been incubating since 2019-02-21.

Three most important unfinished issues to address before graduating:

1. Promote the information about Apache Training Project with increased participation from community
2. Create a tutorial on how the tools provided by this project can be used to create own content
3. Review current policies around contribution review and releases to find a pragmatic compromise

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

The Training Project has opened up the commit permissions to all the committers of Apache project to make is easy for experts in each area contribute to Apache Training presentations. This was announced in the last week of September 2020. This will open up the project for contributions from other Apache projects.

How has the community developed since the last report?

Activity has increased since the last report. There were 144 posts in last 3 months. We have received queries for contributions from individual contributors.

How has the project developed since the last report?

New training slides were added on three topics:

- Apache Pulsar
- Apache Samza
- Apache Flink

PR activity has picked up momentum since the last report.

How would you assess the podling's maturity?

There are currently some issues with this podling that we are working to address, we believe that the issues are not yet critical and can be turned around from within the community but want to make the board aware of this early on.

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

Date of last release:

2020-09-18

When were the last committers or PPMC members elected?

February 2020

Have your mentors been helpful and responsive?

Mentors have been responsive and helpful when reached out to.

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

The name search process has not yet been started, as there is still time to do that if and when graduation draws nearer. The PPMC is actively monitoring usage of the Podlings current name on other sites. The Podling is not directly affiliating with any sponsors donating content and presenting an independent image on the webpage.

Signed-off-by:

- (training) Craig Russell
  Comments:
- (training) Christofer Dutz
  Comments:
- (training) Justin Mclean
  Comments:
- (training) Lars Francke
  Comments:

IPMC/Shepherd notes:

Tuweni

Tuweni is a set of libraries and other tools to aid development of blockchain and other decentralized software in Java and other JVM languages.

Tuweni has been incubating since 2019-03-25.

Three most important unfinished issues to address before graduating:

1. Increase release pace and adoption
2. Vote in a few more committers
3. Write docs and embed Javadoc in website

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

No issues to report at this time.

How has the community developed since the last report?

Less contributions this quarter, hoping for a bit more in Q4.

We have seen adoption of the project downstream and a couple of fixes contributed as direct result.

How has the project developed since the last report?

We voted 1.2.0. We are about to kick 1.3.0. Lots of new features being added still.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

2020-10-25

When were the last committers or PPMC members elected?

Danno Ferrin as committer on 2020-06-08.

Have your mentors been helpful and responsive?

It did take a long time to get votes in for 1.2.0.

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

Yes. At present, there are no issues nor concerns with the Tuweni mark. We do not anticipate any issues with the mark regarding graduation.

Signed-off-by:

- (tuweni) Jean-Baptiste Onofré
  Comments:
- (tuweni) Michael Wall
  Comments: Michael just resigned as mentor.
- (tuweni) Furkan Kamaci
  Comments:

IPMC/Shepherd notes:

Weex

Weex is a framework for building Mobile cross-platform high performance UI.

Weex has been incubating since 2016-11-30.

Three most important unfinished issues to address before graduating:

1.[Branding

issues](https://cwiki.apache.org/confluence/display/WEEX/Branding+issues). There are about 10 git repos violating the trademark of Apache Weex, together with their NPM/Maven artifact.
2.[Community

diversity](https://cwiki.apache.org/confluence/display/WEEX/Communtiy+divers ity). Apache Weex needs more PPMCs and committers from community, no employees from a single company shall have majority vote in PPMC and committer.

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

NO

How has the community developed since the last report?

- Working towards releasing new version

How has the project developed since the last report?

- We have 6 incoming pull request, and 3 of them are merged.
- We have 3 threads in Weex mailing list .
- We have solved 2 Github issues.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

2019-10-23

When were the last committers or PPMC members elected?

2019-12-05

Have your mentors been helpful and responsive?

Yes, they are very helpful.

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

No.

We are collecting a list of [branding

issues](https://cwiki.apache.org/confluence/display/WEEX/Branding+issues), and we shall fix the problem one by one.

Signed-off-by:

- (weex) Willem Ning Jiang
  Comments: There are few development activities on the Weex side, I don't think weex is in a good health.
- (weex) Myrle Krantz
  Comments:

IPMC/Shepherd notes: