

July2022

FINAL FINAL 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 July 06	Podling reports due by end of day
Sun July 10	Shepherd reviews due by end of day
Sun July 10	Summary due by end of day
Tue July 12	Mentor signoff due by end of day
Wed July 13	Report submitted to Board
Wed July 20	Board meeting

Shepherd Assignments

Dave Fisher	Kv rocks
Drew Farris	DataLab
Drew Farris	SDAP
Justin Mclean	Nemo
P. Taylor Goetz	Annotator
P. Taylor Goetz	Marvin-AI
P. Taylor Goetz	ShenYu
Timothy Chen	HugeGraph
Timothy Chen	Livy
Timothy Chen	MXNet

Incubator PMC report for July 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 35 podlings incubating. Podlings made 4 distinct releases. The Crail project retired, Doris and InLong graduated last month, and Uniffle has joined the Incubator.

HiveMall started a retirement vote.

This month we were missing reports from Annotator, Livy, Marvin-AI, Pegasus, Spot, and Teaclave. Spot, MarvinAI and Livy have missed more than one report in a row and roll calls will be held. DataLab, EventMesh, Flagon, Milagro and PonyMail don't have mentors' signoff and will also be asked to report next month. Shenyu also missed a report but is up for graduation. PonyMail has only one mentor and had twice missed signoff.

MXNet is working on some branding issues.

We discussed last year whether Livy was graduating or retiring, and the community has shown some interest in continuing, but there continues to be no activity. There was a discussion about a retired project Ambari coming back to the Incubator. As several ASF members were involved, it wasn't seen as being needed, and it could go straight to being a top level project with the approval of the board.

During the graduation discussion on Shenyu, several minor branding issues were identified and corrected.

Several podlings have had talks accepted for both ApacheCon Asia and NA, and we also have the Incubator track at ApachCon NA.

Community

New IPMC members:

None

People who left the IPMC:

None

New Podlings

- Uniffle

Podlings that failed to report or did not have mentor signoff, expected

next month

- Annotator
- Livy
- Marvin-AI
- Pegasus
- Spot
- Teaclave
- DataLab
- EventMesh
- Flagon
- Milagro
- PonyMail
- ShenYu

Graduations

- InLong
- Doris

The board has motions for the following:

- ShenYu

Releases

The following releases entered distribution during the month of June:

- Apache Nuttx 10.3.0
- Apache InLong 1.2.0
- Apache Kyuubi 1.5.2
- Apache SeaTunnel 2.1.2

IP Clearance

- none

Legal / Trademarks

- none

Infrastructure

- none

Credits

- Thanks to Calvin Kirs for putting the base report together.

Table of Contents

DevLake
Hivemall
HugeGraph
Kvrocks
Liminal
MXNet
Nemo
NuttX
Pegasus
PonyMail
SDAP
SeaTunnel
Uniffle

DevLake

DevLake is a development data platform, providing the data infrastructure for developer teams to analyze and improve their engineering productivity.

DevLake has been incubating since 2022-04-29.

Three most important unfinished issues to address before graduating:

1. Address IPMC's feedback on the first release vote thread and re-start the voting process
2. Grow the community, add committers and PPMC members
3. Grow the ecosystem, support more data sources and use cases

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

No issues at the moment.

How has the community developed since the last report?

1. 4 committers were elected
2. Attracted 10 new contributors(39 in total)
3. Hosted three community meetups
4. Participated in "[Open Source Promotion Plan](#)" as scheduled

How has the project developed since the last report?

1. Received some feedback on the first release vote. Preparing a new WIP release
2. Redesigned and implemented configuration flow
3. Optimized the branding and visual presentation of DevLake official website
4. Improved program testability and robustness

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 applicable. DevLake is working towards making its first Apache release.

When were the last committers or PPMC members elected?

2022-06-01

Have your mentors been helpful and responsive?

Yes, they are very helpful and responsive.

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

There are no known brand and naming issues.

Signed-off-by:

- (devlake) Felix Cheung
Comments:
- (devlake) Liang Zhang
Comments:
- (devlake) Lidong Dai
Comments:
- (devlake) Sijie Guo
Comments:
- (devlake) Jean-Baptiste Onofré
Comments: Good start from the team. We are working on the first Apache release.
- (devlake) Willem Ning Jiang
Comments: It's good to see the first Apache release is out.

IPMC/Shepherd notes:

Hivemall

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

Hivemall has been incubating since 2016-09-13.

Three most important unfinished issues to address before graduating:

1. Community building
2. Increase activePPMC members
3. one or more release

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

Will retire from Incubation. Will start a retirement call soon.

How has the community developed since the last report?

- Only a JIRA ticket from a user for minor documentation fix. <https://issues.apache.org/jira/browse/HIVEMALL-317>

How has the project developed since the last report?

Not 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:

2019-12-19

When were the last committers or PPMC members elected?

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

Have your mentors been helpful and responsive?

Yes, Koji is responsive.

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

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

Signed-off-by:

- (hivemall) Daniel Dai
Comments:
- (hivemall) Koji Sekiguchi
Comments: I respect PMC's retirement decision.

IPMC/Shepherd notes:

HugeGraph

A large-scale and easy-to-use graph database

HugeGraph has been incubating since 2022-01-23.

Three most important unfinished issues to address before graduating:

1. Increase diversity contributors.
2. Publish spec-compliant release version.
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?

No

How has the community developed since the last report?

There are 1 new active contributors since the last report.

How has the project developed since the last report?

1. The hugegraph.apache.org official website has been built and is online.
2. Added some features, like: Java 11 support, Cypher language support, Flink CDC data-load support, Spark data-load support, raft stability improvement, code style checking tool integration.
3. Working towards 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:

Not yet.

When were the last committers or PPMC members elected?

Not yet.

Have your mentors been helpful and responsive?

Yes, the hugegraph mentors are very helpful.

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

No answer.

Signed-off-by:

- (hugegraph) Lidong Dai
Comments:
- (hugegraph) Trista Pan
Comments:
- (hugegraph) Xiangdong Huang
Comments:
- (hugegraph) Yu Li
Comments:
- (hugegraph) Willem Ning Jiang
Comments:

IPMC/Shepherd notes:

Kvrocks

Kvrocks is a distributed key-value NoSQL database, supporting the rich data structure

Kvrocks has been incubating since 2022-04-23.

Three most important unfinished issues to address before graduating:

1. Prepare first Kvrocks release at Apache
2. Prepare Apache Kvrocks website
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?

We got 5 new contributors and elected 1 committer since the last report. Also, we are preparing a topic of ApacheCon Asia and had a share on ITPub to let more guys know Kvrocks community.

How has the project developed since the last report?

1. Our focus is on improvements and bug fixes, which included enhancing the robustness of the CI system and detecting the memory leak with ASAN. We also introduced the `lz4` library to improve the compression ratio and the performance of the RocksDB in some scenarios.
2. Working towards Kvrocks 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:

Not yet available

When were the last committers or PPMC members elected?

2022-06-13 We elected `PragmaTwice` as a Kvrocks committer.

For the discussion and vote thread can see:

- [Discuss: PragmaTwice for Kvrocks committer](#)
- [\[RESULTS\]\[VOTE\] PragmaTwice as an Kvrocks Committer](#)
- [\[Invitation to become Kvrocks committer: PragmaTwice\]\(https://lists.apache.org/thread/lxj3d4zchs6lrjq7jnt4c1qtsdxyqz q\)](#)

Have your mentors been helpful and responsive?

Yes, they mentored us a lot on how to maintain the community, also do many contributions to Kvrocks.

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

No 3rd parties used the podling and brand. Will move forward to send the project name audit request.

Signed-off-by:

- (kvrocks) Jean-Baptiste Onofre
Comments: Good start from the team.
- (kvrocks) Xiaoqiao He
Comments:
- (kvrocks) tison
Comments:
- (kvrocks) Von Gosling
Comments:
- (kvrocks) Liang Chen
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. 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?

We keep showcasing Liminal to companies. We have also published a blog on running Liminal with MWAA.

How has the project developed since the last report?

We have defined the goal of the next version - integration Liminal with SageMaker & dbt. We intend to release this version in August/22.

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?

NA

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:

MXNet

A Flexible and Efficient Library for Deep Learning

MXNet has been incubating since 2017-01-23.

Three most important unfinished issues to address before graduating:

1. Complete general@incubator discussion

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

We are currently [discussing](<https://lists.apache.org/thread/3rxzjcm02y457y6r8ohz1j4qv49joyo> 6) graduation in the general@incubator list after the community discussed and voted.

How has the community developed since the last report?

- The number of GitHub contributors is +1, currently 871
- Active blogs and social media presence
- Medium (<https://medium.com/apache-mxnet>) w/ 2.1k followers (+0%)
- Active video channels
- YouTube channel (<https://www.youtube.com/apachemxnet>) w/ 1.58k subscribers (+0.6% since last report)
- Chinese YouTube channel (<https://www.youtube.com/channel/UCjeLwTKPMIDt2segkZzw2ZQ>) w/ 7.26k subscribers (+0.4%)

How has the project developed since the last report?

1. Apache MXNet (incubating) 1.9.1 released.
2. Fixed some issues brought up in the [graduation discussion thread](#)

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:

2022-05-27

When were the last committers or PPMC members elected?

2022-04-25

Have your mentors been helpful and responsive?

Yes.

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

Yes, discussed some potential violations with trademarks@ but was decided no action to take.

Signed-off-by:

- (mxnet) Markus Weimer
Comments:
- (mxnet) Bob Paulin
Comments:
- (mxnet) Jason Dai
Comments:
- (mxnet) Furkan Kamaci
Comments:
- (mxnet) Zhenxu Ke
Comments:

IPMC/Shepherd notes:

Nemo

Nemo is a data processing system to flexibly control the runtime behaviors of a job to adapt to varying deployment characteristics.

Nemo has been incubating since 2018-02-04.

Three most important unfinished issues to address before graduating:

1. Address a few remaining items in the Apache Project Maturity model
2. Grow the 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?

- Accepted a GSoC student to contribute to Nemo

How has the project developed since the last report?

- Added stream processing experiment examples
- Explored supporting stream processing on serverless
- Improved support for WAN stream processing
- Published a paper on stream processing built on Nemo

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:

2020-12-07

When were the last committers or PPMC members elected?

September 28, 2021

Have your mentors been helpful and responsive?

Our mentors have been helpful and responsive.

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

The PPMC manages the podling's brand / trademarks.

Signed-off-by:

- (nemo) Hyunsik Choi
Comments:
- (nemo) Byung-Gon Chun
Comments:
- (nemo) Jean-Baptiste Onofré
Comments:
- (nemo) Markus Weimer
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/vpj21ofyxmjs528n3b9s72wozh9hgz8f>

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 253 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.

How has the project developed since the last report?

- The DISCLAIMER-WIP file has been renamed to DISCLAIMER.
- NuttX-10.3 has been released. The first non-WIP release.
- NuttX-10.2 was released on November 23, 2021.
- 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: 2021-05-08

Last committer added: 2021-12-27

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: Let's prepare the graduation!
- (nuttx) Junping Du
Comments:
- (nuttx) Justin Mclean
Comments:
- (nuttx) Mohammad Asif Siddiqui
Comments:
- (nuttx) Flavio Paiva Junqueira
Comments:

IPMC/Shepherd notes:

SDAP

SDAP (Science Data Analytic 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?

7 active developers have committed on the project during the reporting period (since November 2021).

How has the project developed since the last report?

The closed ticket during the reporting period are:

| Issue Type | Issue key | Summary

| Updated | | ----- | ----- |

Improvement	SDAP-388
-------------	----------

SDAP.

| 6/21/22 9:58 | | New Feature | SDAP-192 | Create DOMS netCDF reader tool

| 5/31/22 16:15 | | Task | SDAP-305 | Get current match up working with AVHRR OI data that is currently ingested in the bigdata cluster
| 11/10/21 22:22 | | Task | SDAP-311 | Collect performance metrics in current match-up algorithm
| 11/10/21 22:22 | | Task | SDAP-312 | Optimize reprojection to UTM in matchup algorithm
| 11/10/21 22:21 | | Task | SDAP-315 | Update match up algorithm for satellite to satellite
| 11/10/21 22:21 | | Improvement | SDAP-338 | Update match up implementation to support multi-variable tiles
| 11/10/21 22:20 | | Improvement | SDAP-353 | Update match-up output to only return variables that are provided by the source e.g. for ASCAT only return
winds variables | 11/10/21 22:16 | | Improvement | SDAP-355 | Update matchup parameter and output to use primary and secondary
| 11/10/21 22:15 | | Bug | SDAP-351 | Fix reading of data with cftime.datetime.Gregorian type
| 11/10/21 21:57 |

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:

2022-06-22 (webapp component version 0.4.5a46)

When were the last committers or PPMC members elected?

2022-05-06

Have your mentors been helpful and responsive?

The application development has been responsive. The mentors are helpful and responsive in our developers community.

We now also have monthly meetings to coordinate and inform on the stakeholders using SDAP for multiple projects.

We had difficulties to report regularly on our activity but we set an organization so that it is now a rolling responsibility shared in the team.

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: Congrats on first component release!

IPMC/Shepherd notes:

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:

1. Keep Apache versions released regularly and ensure the quality of all releases.
2. Attract more active contributors and committers to build a diverse community.
3. Improve features and 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?

The community ushers in 14 new contributors, bringing the total number to 84 now, 100+ pull requests have been merged since SeaTunnel entered the last report.

We held an online meetup on June 25, 2022, with 3 speakers from different companies sharing SeaTunnel's practice within the enterprise.

We will be hosting a meetup with Apache Doris in July 2022, in which the community contributors and users will share their stories about application practices or open-source contributions. Meanwhile, we have applied to attend the ApacheCon Asia, the contributor will deliver a speech on the practice and contribution of SeaTunnel.

How has the project developed since the last report?

The community contributors are continuously working on 2.0 features, devoting themselves to new architecture design.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

18th June 2022

When were the last committers or PPMC members elected?

- Jia Fan as a committer on May 23, 2022.
- Wenjun as a PPMC on June 23, 2022.

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) Willem Ning Jiang
Comments:
- (seatunnel) Lidong Dai
Comments:
- (seatunnel) Ted Liu
Comments:
- (seatunnel) Kevin Rathsekera
Comments:
- (seatunnel) JB Onofré
Comments:

IPMC/Shepherd notes:

Uniffle

Uniffle is an unified Remote Shuffle Service

Uniffle has been incubating since 2022-06-06.

Three most important unfinished issues to address before graduating:

1. Build the project to follow the Apache way, including code reformatting, license check, website building and so on.
2. Grow the community to attract more contributors.
3. Continue to iterate the project to make it more mature.

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?

This is the first time for Apache Uniffle (Incubating) report. The team is still focusing on building the project. The community is just about to start.

How has the project developed since the last report?

This is the first time for Apache Uniffle (Incubator) report. The team is still focusing on project building, like code transfer, CI building, website building and so on.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

N/A

When were the last committers or PPMC members elected?

N/A

Have your mentors been helpful and responsive?

Yes, they're very helpful in guiding the podling project.

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

Yes.

Signed-off-by:

- (uniffle) Felix Cheung
Comments:
- (uniffle) Junping Du
Comments:
- (uniffle) Liu Xun
Comments:
- (uniffle) Weiwei Yang
Comments:
- (uniffle) Zhankun Tang
Comments:

IPMC/Shepherd notes: