

# April2023

## FINAL DO NOT EDIT

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

## Shepherd Assignments

Calvin Kirs	HugeGraph
Calvin Kirs	Milagro
Dave Fisher	SeaTunnel
Dave Fisher	Teaclave
Drew Farris	DataLab
Drew Farris	Pekko
Justin Mclean	NLPCraft
P. Taylor Goetz	Annotator
P. Taylor Goetz	Livy
P. Taylor Goetz	Training
PJ Fanning	OpenDAL
PJ Fanning	Pegasus
PJ Fanning	Pony Mail

Timothy Chen	Toree
Willem Jiang	Liminal

=== Report content ===

## Incubator PMC report for April 2023

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 29 podlings incubating. In March, podlings executed 4 distinct releases. We added 2 new IPMC members, Flagon and Event Mesh graduated, and no new podlings have been added, but a couple are under discussion. IPMC cleaned up some podlings that are no longer active, Marvin-AI has retired, and PageSpeed and Spot have completed the voting process for retirement. The release of Teaclave had some issues, including category X licensed code and compiled code in the source release. This has been pointed out to them before. SeaTunnel is discussing graduation, and some minor issues were identified, including reliance on off-list ephemeral communication. Some podlings are participating in GSoC, and this should further promote community development. Most discussions on the mailing list were around releases.

### Community

#### New IPMC members:

- Ayush Saxena
- Xinyu Zhou

#### People who left the IPMC:

- None

### New Podlings

- None

### Podlings that failed to report, expected next month

- Annoator
- Liminal
- Teaclave
- Toree

### Graduations

- Flagon
- EventMesh

### Releases

- Baremaps 0.7.1
- Celeborn 0.2.1
- SeaTunnel 2.3.1
- Uniffle 0.7.0

### IP Clearance

- None

### Legal / Trademarks

- None

### Infrastructure

- Infrastructure held a round table discussion on how the incubator can help incubating projects.

## Miscellaneous

Justin created a couple of games that may help podlings understand how ASF projects operate.

- <http://incubator-game.s3-website-us-east-1.amazonaws.com>
- <http://committer-journey.s3-website-us-east-1.amazonaws.com>

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## 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:

or PP None.

### 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?

- Graduation process in progress

### 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: Started graduation process

### Date of last release:

2022-11-30

### When were the last committers

MC 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:

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## 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. Release distributed storage module (include PD/store) & make graph computer easy to use
2. At least 2 new PPMC & 5 committers take deep part in the community
3. Overall easier to use, more stable and reliable

### 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?

4 committers elected, 2 new contributors submit PR, we have cooperation with G6VP & GraphAR (open source) community

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

Release 1.0.0 for the first ASF release, then we have a roadmap to plan for the next release. We expect to provide a native distributed storage feature, which will be the biggest change, and currently we're discussing the details of the integration.

### 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:

2023-02-22

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

2023-03-12 (last committer)

### Have your mentors been helpful and responsive?

Yep, thanks for their help during the first release stage.

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

None

### Signed-off-by:

- (hugegraph) Lidong Dai  
Comments:
- (hugegraph) Trista Pan  
Comments:
- (hugegraph) Xiangdong Huang  
Comments:
- (hugegraph) Yu Li  
Comments:
- (hugegraph) Willem Ning Jiang  
Comments: It's good to see Hugergraph made a first release and invited new PPMC members.

## IPMC/Shepherd notes:

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### Livy

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

Livy has been incubating since 2017-06-05.

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

1. Revitalization of the Community
2. Dependable Release Cadence
3. Focus on Contributors rather than primarily on Users (Docs for processes)

### 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?

New PPMC, committers and contributors have been working towards the 0.8.0 release goals. Focus on security fixes and CI processes in github as well as reviews and merges of contributions from other contributors have been most active.

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

log4j remediation is underway and nearly complete Numerous dependency related CVEs have been addressed. A number of bug and improvements patches have been merged. 0.8.0 release will be ready in coming weeks.

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

Please feel free to add your own commentary.

- Initial setup
- Working towards first release (with revitalized community)
- Community building
- Nearing graduation
- Other: Nearing graduation in code stability but with a re-emerging a dev community supporting it and working toward 0.8.0 release

### Date of last release:

2021-02-02

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

December 2022

### Have your mentors been helpful and responsive?

No issues with mentors to report.

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

No issues to report.

Signed-off-by:

- (livy) Bikas Saha  
Comments:
- (livy) Luciano Resende  
Comments:
- (livy) Jean-Baptiste Onofré  
Comments: The activity has restarted, mostly maintenance. I think we can have new features and improvements soon, helping to extend the community.
- (livy) Madhawa Kasun Gunasekara  
Comments:
- (livy) Larry McCay  
Comments:
- (livy) Sunil Govindan  
Comments:

## IPMC/Shepherd notes:

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### 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:

Improve the community participation (other Apache projects should actively be linked to this project, since they "have the content") (Re)define the short-, mid-, and long-term goals of the project. Select an approach to handle non coding / non document related tasks (e.g., community related activities on events) Create a strategy how this projects contributes to or is supported by other Apache projects Create a tutorial on how the tools provided by this project can be used to create own content 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 needs more contribution from other Apache projects.

It also needs feedback from other Apache projects on the presentations and trainings developed till now.

In order to improve this collaboration we suggest to investigate the status of other project's documentation in a systematic approach, especially with an eye on available training related material.

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

Activity has remained low since the last report.

We have to work on strategies to increase the participation and the visibility of the project and its goals.

Besides requests for contributions from individual contributors from other Apache projects we want to show what the Apache Training project can offer to those projects.

We should build on the assumption that synergy and network effects can help us to increase the community around training and skill management topics.

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

Some new training material has been provided, for details, please look at the project repo commit comments.

PR activity continuous on a low level since the last report.

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

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

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 of the project's structure: Goals and strategy needs refinement. Working towards first release: What type of artifacts to release is not clear, due to unclear goals and strategy. Community building: The community exists of a very small number of people but is more or less invisible, as of today (April 2023). Nearing graduation: Currently, we are far away from graduation.

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

November 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: Admittedly I have been thinking of stepping back from being a mentor of this project as there was literally no activity at all. In the last few days this has changed a bit, so I'll postpone my resignation for now.
  - (training) Justin Mclean  
Comments:
  - (training) Lars Francke  
Comments:
- 

## 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. Introduce policies for correct corporate involvement (see <https://github.com/orgs/apache/projects/171/views/1>)
2. 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.
3. Improve automated quality pipelines, improve existing releases and demonstrate improved compliance with the Apache Way.

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

No issues are known as of now.

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

- There was activity by several new contributors on new issues
- The roadmap for the most important component (MPC) has been updated

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

- The path to graduation map has been updated in a [GitHub project](#)

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

Please feel free to add your own commentary.

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

## Date of last release:

2022-11-11

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

December 2022

## Have your mentors been helpful and responsive?

Yes

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

No third party are using the brand's name incorrectly

## Signed-off-by:

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

## 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 remaining items before graduation
2. Motivate growth in the community
3. A new release after finishing handling of a few existing PRs

## 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 have communicated, interviewed, and have selected GSoC students in order to grow our community and work on potential projects based on Nemo.

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

- Discussions for graduation
- Organizing code for filing PRs for past work (e.g., for supporting features regarding offloading bottleneck tasks to serverless frameworks)

## 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:

2022-09-02

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

September 28, 2021

## Have your mentors been helpful and responsive?

- The mentors have been helpful.

## 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:

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### NLPCraft

A Scala library for NLU applications.

NLPCraft has been incubating since 2020-02-13.

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

1. Community growth.

### 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 have communicated with developers which have interest to contribute to the project.

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

- New version released and related tasks and issues finished.
- Site updated, examples extended

### 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:

2023-02-30

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

August of 2021.

### Have your mentors been helpful and responsive?

No issues with mentors to report.

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

No issues with mentors 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:
- (nlpcraft) Dave Fisher  
Comments:

## IPMC/Shepherd notes:

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## OpenDAL

Open Data Access Layer: Access data freely, painlessly, and efficiently.

OpenDAL has been incubating since 2023-02-27.

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

1. Grow the community (attracting more committers, contributors, users)
2. Publish Apache releases (resolving logistics on Apache release)
3. Improve project structure 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?

OpenDAL has now been adopted by llama-hub to provide support for cloud object storage services. Additionally, we have noticed that a command-line tool called dilu has been using OpenDAL. We are also planning to provide webhdfs support for object store in the near future.

In the past month, we have had close to 20 new contributors and elected two new committers.

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

- Core: We are now pushing for support for copy/rename.
- Cli: The implementation of the oli command-line tool is still ongoing, and we support configuration files and some common operations such as `ls` and `cat`.
- Bindings: We now have a basic Ruby binding implementation, and further improvements have been made to Python and Node.js bindings.

### 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:

2023-03-31

NOTE: v0.30.5 - 2023-03-31 is not yet an official ASF release. We are still in the process of learning how to create a formal one.

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

March 24th, 2023. In the last month, we selected two committers who are maintainers of python bindings and nodejs bindings, respectively.

### Have your mentors been helpful and responsive?

Yes.

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

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

N/A

## Signed-off-by:

- (opendal) tison  
Comments:
- (opendal) Willem Ning Jiang  
Comments: Good to see OpenDAL made it's first release.
- (opendal) Sheng Wu  
Comments:
- (opendal) Ted Liu  
Comments:
- (opendal) Xiaoqiao He  
Comments:

## IPMC/Shepherd notes:

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## 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:

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?

2.4.0 is released on Oct 30, 2022.

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

Preparing to release 2.5.0.

## 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:

2022-10-30

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

2023-1-3, PPMC member: Dan Wang(GitHub ID: empiredan)

2023-2-25, PPMC member: Yanzhao Tang (GitHub ID: Smityz)

## 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: The development is active but I think the release frequency is too low, we should try to make more patch releases.
- (pegasus) Liang Chen  
Comments:
- (pegasus) Von Gosling  
Comments:
- (pegasus) Liu Xun  
Comments:

## IPMC/Shepherd notes:

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## Pekko

Pekko is a toolkit and an ecosystem for building highly concurrent, distributed, reactive and resilient applications for Java and Scala.

Pekko has been incubating since 2022-10-24.

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

1. Complete the work on updating the file headers and docs to reflect the new branding and licensing.
2. Get the core web site and documentation up.
3. Get a milestone release done - at least for the core modules. This would facilitate the wider OSS community. We would hope that other OSS projects that currently support Akka would look to also support Apache Pekko.

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

Nothing of note

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

We recently added a new committer (Arnout Engelen).

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

Some reasonable progress with getting the code migrated.

## 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?

2023-03-09 (new committer) -- no new PPMC members added

## Have your mentors been helpful and responsive?

There were some knotty issues to discuss about how to manage the license headers and similar issues but the conversations were very constructive.

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

- The Pekko project has been widely discussed in Social Media and blogs. No issues to report.
- Pekko project did an initial Trademark search to verify the name availability for software products
- VP, Brand has approved the name (<https://s.apache.org/h2cwg>)

### Signed-off-by:

- (pekko) PJ Fanning  
Comments: Progress being made
- (pekko) Justin McLean  
Comments:
- (pekko) Roman Shaposhnik  
Comments:
- (pekko) Wu Sheng  
Comments:
- (pekko) Ryan Skraba  
Comments: The community is forming nicely: good decision-making together as the project advances.
- (pekko) JB Onofré  
Comments: Good progress so far
- (pekko) Claude Warren  
Comments:

### IPMC/Shepherd notes:

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### 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
2. Finalizing graduation, getting discussions going again
3. Roll call?

### 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?

No material changes since last report. The community has been rather quiet, albeit present.

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

No noteworthy development since 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:

2019-04-20

### 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?

No answer.

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

No answer.

### Signed-off-by:

- (ponymail) John D. Ament  
Comments:

### IPMC/Shepherd notes:

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## 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. Growing community
2. Complete graduation discussion and voting.

### 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?

The community ushers in 19 new contributors, bringing the total number to 176 now, 310+ pull requests have been merged since SeaTunnel entered the last report.

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

The CDC synchronization function we support is very important for SeaTunnel and has improved support for data integration scenarios.

### 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:

2023-03-26

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

JinXin Shen was elected PPMC on 2023-04-07

### 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:

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