

# July 2021

**This report was not submitted to the board**

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

XXX	Podling reports due by end of day
XXX	Shepherd reviews due by end of day
XXX	Summary due by end of day
XXX	Mentor signoff due by end of day
XXX	Report submitted to Board
XXX	Board meeting

## Shepherd Assignments

[illegible]


## 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 preparing all artifacts necessary for graduation

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

No issues

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

We have a new committer (Iana Redko).

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

- We are working towards the release 2.5.0
- Migration to Py3 (done)
- Localization (done)
- Augment an administrative page (done)
- Implement possibility of GPU usage for Jupyter, Dataproc and Data Engine (standalone cluster) on GCP (done)
- Support specific python versions via virtual environments for all notebooks and compute resources (except Data Engine Service and DeepLearning) (done)
- Update third-party software (done)
- Bug fixing (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: working towards next release

### Date of last release:

2020-17-09

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

The last committer was elected on June 21, 2021.

## Have your mentors been helpful and responsive?

Yes, our mentors are very helpful and responsive.

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

There are no known brand and naming issues. New name was approved and our team changed all references to DLab that are publicly accessible to DataLab.

## Signed-off-by:

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

## IPMC/Shepherd notes:

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## InLong

InLong is a one-stop data streaming platform that provides automatic, secure, distributed, and efficient data publishing and subscription capabilities. This platform helps you easily build stream-based data applications.

InLong has been incubating since 2019-11-03.

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

1. Improve and optimize the system to solve the system shortboard
2. Promote the system, to let more people use and participate in the community

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

No issues

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

It has been a quiet few months, with some bugs reported related to TubeMQ have been reported during the project rename period. Now we initialized the project and hope to get rid of the current state relatively quickly.

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

After the project was renamed, we carried out the initial content of the project and released the first version 0.9.0-incubating on July 12. The new project provides complete ingest, aggregation, caching, sorting, and management modules, and we will co-construct the project under this framework.

## 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:

2021-07-12

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

The last PPMC was elected on on 2020-12-15

## Have your mentors been helpful and responsive?

Yes, our mentors are very helpful and responsive.

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

Yes, all good here.

## Signed-off-by:

- (inlong) Junping Du  
Comments:
- (inlong) Justin Mclean  
Comments:
- (inlong) Sijie Guo  
Comments:
- (inlong) Zhijie Shen  
Comments:
- (inlong) Jean-Baptiste Onofre  
Comments:

## IPMC/Shepherd notes:

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## ShenYu

ShenYu is a high performance Microservices API gateway in Java ecosystem, compatible with a variety of mainstream framework systems, supports hot plug. Users can write their own plugin meet the current requirement and future needs in a variety of scenarios, especially in large-scale scenes.

ShenYu has been incubating since 2021-05-03.

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

1. Make an Apache Release.
2. Build new website document.
3. Building a diverse community with open governance.

## 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?

- 6+ new contributors participate in the community since entered the Incubator. There are currently 177 contributors and 24 committers.
- There is regular traffic on the mailing list (~100+ mailing list discussions/month).
- Number of GitHub stars increased (last report: 4689, currently: 4927).
- Held 2 community meetings to discuss development tasks and how to build an open governance community.
- Opened ShenYu source code activity.

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

- Add response plugin.
- Add modifyRspone plugin.
- Add oauth2 plugin.
- Add param-mapping plugin.
- Add category and sort for plugin list.
- Add intergation test for http proxy.

## 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?

May 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:

- (shenyu) Willem Ning Jiang  
Comments: Finished the project setup, now Shenyu should work on its first release.
- (shenyu) Jincheng Sun  
Comments:
- (shenyu) Duo Zhang  
Comments:
- (shenyu) Kevin Ratnasekera  
Comments:
- (shenyu) Atri Sharma  
Comments:
- (shenyu) Justin Mclean  
Comments:

## IPMC/Shepherd notes:

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## YuniKorn

YuniKorn is a standalone resource scheduler responsible for scheduling batch jobs and long-running services on large scale distributed systems running in on-premises environments as well as different public clouds.

YuniKorn has been incubating since 2020-01-21.

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

1. Gain more contributors and active committers.
2. Release regularly, split large changes over multiple releases.
3. Improve the ease of deployment and documentation quality.

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

No issues at this point in time.

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

Added one new committer and several new contributors. Elected a new PPMC member. Finalising the next release v0.11, planning for release v1.0.

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

Stabilising the previous release major features (gang scheduling). Upgrading protobuf build and dependency for the scheduler interface. Implemented a new REST interface. The interface changes are all in preparation for a v1.0 release which is in planning.

Some statistics for the report period (2021-04-01 till 2021-06-30):

JIRA: 105 created, 112 resolved

PRs: 65 opened, 70 resolved

11 unique active code contributors (cumulative for all repos)

## 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:**

2021-04-09

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

2021-07-07 committer and PPMC member added

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

yes

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

No issues that we are aware of.

**Signed-off-by:**

- (yunikorn) Junping Du  
Comments:
- (yunikorn) Felix Cheung  
Comments:
- (yunikorn) Jason Lowe  
Comments:
- (yunikorn) Holden Karau  
Comments:

**IPMC/Shepherd notes:**