May 2022

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.

<table>
<thead>
<tr>
<th>Reflow</th>
</tr>
</thead>
<tbody>
<tr>
<td>fold -w 76 -s $1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Timeline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wed May 04</td>
</tr>
<tr>
<td>Sun May 08</td>
</tr>
<tr>
<td>Sun May 08</td>
</tr>
<tr>
<td>Tue May 10</td>
</tr>
<tr>
<td>Wed May 11</td>
</tr>
<tr>
<td>Wed May 18</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shepherd Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>XXX XXX</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
Incubator PMC report for May 2022

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

TODO add narrative

Community

New IPMC members:

People who left the IPMC:

New Podlings

Podlings that failed to report, expected next month

Graduations

- list podling here

The board has motions for the following:

- Your podling here?

Releases

The following releases entered distribution during the month of November:

IP Clearance

Legal / Trademarks

Infrastructure

Miscellaneous

Credits

Table of Contents
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:

Are there any issues that the IPMC or ASF Board need to be aware of?
How has the community developed since the last report?
How has the project developed since the last report?
How would you assess the podling’s maturity?

Please feel free to add your own commentary.

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

Date of last release:

XXXX-XX-XX

When were the last committers or PPMC members elected?

Have your mentors been helpful and responsive?

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

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

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

Signed-off-by:

- [ ] (doris) Willem Ning Jiang
  Comments:
- [ ] (doris) Shao Feng Shi
  Comments:
- [ ] (doris) Ming Wen
  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:

Are there any issues that the IPMC or ASF Board need to be aware of?
How has the community developed since the last report?
How has the project developed since the last report?
How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

XXXX-XX-XX

When were the last committers or PPMC members elected?

Have your mentors been helpful and responsive?

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

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

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

Signed-off-by:

- (heron) Jake Farrell
  Comments:
- (heron) Julien Le Dem
  Comments:
- (heron) P. Taylor Goetz
  Comments:
- (heron) Dave Fisher
  Comments:
- (heron) Ming Wen
  Comments:
- (heron) Kevin Ratnasekera
  Comments:

IPMC/Shepherd notes:

Linkis

Apache Linkis is a computation middleware project, which decouples the upper applications and the underlying data engines, provides standardized interfaces (REST, JDBC, WebSocket etc.) to easily connect to various underlying engines (Spark, Presto, Flink, etc.).

Linkis has been incubating since 2021-08-02.

Three most important unfinished issues to address before graduating:

Are there any issues that the IPMC or ASF Board need to be aware of?
How has the community developed since the last report?
How has the project developed since the last report?
How would you assess the podling’s maturity?
Please feel free to add your own commentary.

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

**Date of last release:**

XXXX-XX-XX

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

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

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

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

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

**Signed-off-by:**

- (linkis) Duo Zhang
  Comments:
- (linkis) Lidong Dai
  Comments:
- (linkis) Shaofeng Shi
  Comments:
- (linkis) Saisai Shao
  Comments:
- (linkis) Junping Du
  Comments:

**IPMC/Shepherd notes:**

---

**Livy**

Livy is a 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:**

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

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

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

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

Please feel free to add your own commentary.

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

**Date of last release:**

XXXX-XX-XX
When were the last committers or PPMC members elected?

Have your mentors been helpful and responsive?

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

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

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

Signed-off-by:

• (livy) Bikas Saha
  Comments:

• (livy) Luciano Resende
  Comments:

• (livy) Jean-Baptiste Onofré
  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:

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

How has the community developed since the last report?

How has the project developed since the last report?

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

XXXX-XX-XX

When were the last committers or PPMC members elected?

Have your mentors been helpful and responsive?

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

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

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

Signed-off-by:

• (nlpcraft) Roman Shaposhnik
  Comments:

• (nlpcraft) Furkan Kamaci
  Comments:
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:

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

How has the community developed since the last report?

How has the project developed since the last report?

How would you assess the podling’s maturity?

Please feel free to add your own commentary.

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

Date of last release:

XXXX-XX-XX

When were the last committers or PPMC members elected?

Have your mentors been helpful and responsive?

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

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

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

Signed-off-by:

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

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:

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

How has the community developed since the last report?

How has the project developed since the last report?

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

XXXX-XX-XX

When were the last committers or PPMC members elected?

Have your mentors been helpful and responsive?

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

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

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

Signed-off-by:

- (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:

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

How has the community developed since the last report?

How has the project developed since the last report?

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

**Date of last release:**

XXXX-XX-XX

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

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

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

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

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

**Signed-off-by:**

- ☐ (sedona) Felix Cheung
  - Comments: (sedona) Jean-Baptiste Onofré
  - Comments: (sedona) George Percivall
  - Comments: (sedona) Von Gosling
  - Comments:

**IPMC/Shepherd notes:**

**Toree**

Toree provides applications with a mechanism to interactively and remotely access Apache Spark.

Toree has been incubating since 2015-12-02.

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

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

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

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

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

Please feel free to add your own commentary.

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

**Date of last release:**

XXXX-XX-XX

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

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

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

**Is the PPMC managing the podling’s brand / trademarks?**
Are 3rd parties respecting and correctly using the podlings name and brand? If not what actions has the PPMC taken to correct this? Has the VP, Brand approved the project name?

Signed-off-by:

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

IPMC/Shepherd notes:

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:

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

How has the community developed since the last report?

How has the project developed since the last report?

How would you assess the podling's maturity?

Please feel free to add your own commentary.

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

Date of last release:

XXXX-XX-XX

When were the last committers or PPMC members elected?

Have your mentors been helpful and responsive?

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

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

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

Signed-off-by:

- (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:

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

How has the community developed since the last report?

How has the project developed since the last report?

How would you assess the podling’s maturity?

Please feel free to add your own commentary.

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

Date of last release:

XXXX-XX-XX

When were the last committers or PPMC members elected?

Have your mentors been helpful and responsive?

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

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

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

Signed-off-by:

- (tuweni) Jean-Baptiste Onofré
  Comments:
- (tuweni) Furkan Kamaci
  Comments:
- (tuweni) Antoine Toulme
  Comments:

IPMC/Shepherd notes: