

April2017

/\ FINAL (!)

Incubator PMC report for April 2017

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

Drew Farris	Milagro		
Drew Farris	SensSoft		
John Ament	Annotator		
John Ament	HAWQ		
Justin Mclean	MXNet		
P. Taylor Goetz	Rya		
P. Taylor Goetz	Traffic Control		
P. Taylor Goetz	Weex		
Timothy Chen	DataFu		
Timothy Chen	MADlib		
Timothy Chen	Metron		
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Report content

Incubator PMC report for April 2017

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 64 podlings incubating. We have had 1 IPMC member resign. There were a total of 16 releases during this period.

* Community

New IPMC members:

- None

People who left the IPMC:

- Gianugo Rabellino

* New Podlings

- None

* Podlings that failed to report, expected next month

- BatchEE
- HORN
- MXNet
- Sirona

* Graduations

The board has motions for the following:

- Fineract
- Metron
- CarbonData

Already Graduated

- Log4cxx2 (as a subproject to Logging)

* Releases

The following releases entered distribution during the month of March:

- 2017-03-03 Apache SystemML 0.13.0
- 2017-03-07 Apache TrafficControl 1.8.0
- 2017-03-10 Apache MADLib 1.10.0
- 2017-03-10 Apache DataFu 1.3.2
- 2017-03-13 Apache Mnemonic 0.5.0
- 2017-03-16 Apache Metron 0.3.1
- 2017-03-16 Apache Tephra 0.11.0
- 2017-03-17 Apache Atlas 0.8.0
- 2017-03-19 Apache Airflow 1.8.0
- 2017-03-19 Apache Streams 0.5
- 2017-03-20 Apache Edgent 1.1.0
- 2017-03-21 Apache Mynewt 1.0.0
- 2017-03-23 Apache Slider 0.92.0
- 2017-03-25 Apache Freemarker 2.3.26
- 2017-03-25 Apache Quickstep 0.1.0
- 2017-03-30 Apache Toree 0.1.0

* Legal / Trademarks

- A new incubator logo has been selected. We plan to roll out to podlings starting in April.

* Miscellaneous

- We've begun the process to reflect usage of the roster tool in podling processes.

* Credits

- Report Manager: John D. Ament, Marvin Humphrey

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Airflow

Airflow is a workflow automation and scheduling system that can be used to author and manage data pipelines.

Airflow has been incubating since 2016-03-31.

Three most important issues to address in the move towards graduation:

1. We are working on our second apache release 1.8.1 to get more experience with the process
- 2.
- 3.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None

How has the community developed since the last report?

1. We had our first official release. 1.8.0 on March 19th 2017.
2. We elected 1 new PPMC Member/Committer: Alex Guziel (a.k.a saguziel)
3. Since our last podling report 3 months ago (i.e. between Jan 1 and Mar 31, inclusive), we grew our contributors from 224 to 256
4. Since our last podling report 3 months ago (i.e. between Jan 1 and Mar 31, inclusive), we resolved 216 pull requests (currently at 1479 closed PRs)
5. Three meet-ups, one in San Francisco, CA hosted by Clover Health, one in New York, NY hosted by Blue Apron and one in San Jose, CA hosted by PayPal were held by the community.

6. Since being accepted into the incubator, the number of companies officially using Apache Airflow has risen from 30 to 83.

How has the project developed since the last report?

1. As noted above, 216 pull requests were merged since our last report (i.e. between Jan 1 and Mar 31, inclusive).

How would you assess the podling's maturity?
Please feel free to add your own commentary.

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

The Airflow community continues to grow, and we have successfully created our first Apache release. We want to continue on this momentum and create another release to solidify our process and tools around it, but we feel we are nearing graduation. We are open to feedback and guidance to make sure we can do so.

Date of last release:

2017-03-19

When were the last committers or PPMC members elected?

As mentioned on
<https://cwiki.apache.org/confluence/display/AIRFLOW/Announcements#Announcements-Mar14,2017>
Alex Guziel joined the Apache Airflow PPMC/Committer group.

Signed-off-by:

[](airflow) Chris Nauroth
Comments:
[x](airflow) Hitesh Shah
Comments:
[x](airflow) Jakob Homan
Comments:

Annotator

Annotator provides annotation enabling code for browsers, servers, and humans.

Annotator has been incubating since 2016-08-30.

Three most important issues to address in the move towards graduation:

1. Developer/community engagement/growth
2. Research and planning
3. Shipping a "promising demo"

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None at this time.

How has the community developed since the last report?

Minimal mailing list activity. Little from new people. It seems (mostly) that folks are waiting on "someone to code something" before they state opinions, get involved, etc. We've used the wiki a bit--in hopes of getting feedback/input, but since mailing list folks can't edit/comment by default there's been lag/disinterest caused by that hurdle being particularly high.

How has the project developed since the last report?

The two most active developers (randall & bigbluehat) have a plan (on the

wiki) which they hope to deliver code for before May. There are two events in May (I Annotate and ApacheCon) which we hope to demo/present at to increase awareness/interest/contribution.

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?

We've not added any new committers since the beginning. We're still waiting on all the initial committers to join the list and/or participate.

Signed-off-by:

- ☐ (annotator) Nick Kew
Comments:
- ☐ (annotator) Brian McCallister
Comments:
- ☐ (annotator) Daniel Gruno
Comments:
- ☒ (annotator) Jim Jagielski
Comments:

IPMC/Shepherd notes:

johndament: The podling is about 9 months old, no releases, no new committers.
Low mailing list activity. Without starting any growth, I'm not sure they'll be able to survive.

DataFu

DataFu provides a collection of Hadoop MapReduce jobs and functions in higher level languages based on it to perform data analysis. It provides functions for common statistics tasks (e.g. quantiles, sampling), PageRank, stream sessionization, and set and bag operations. DataFu also provides Hadoop jobs for incremental data processing in MapReduce.

DataFu has been incubating since 2014-01-05.

Three most important issues to address in the move towards graduation:

1. Complete maturity evaluation checklist
2. Draft graduation resolution
3. Continue releases

Any issues that the Incubator PMC (IPMC) or ASF Board wish/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?

Version 1.3.2 was released. This addressed an issue with released convenience binaries not including LICENSE, NOTICE, and DISCLAIMER in META-INF of JARs. This was considered an important item to

tackle before graduation.

How would you assess the podling's maturity?
Please feel free to add your own commentary.

[x] Initial setup
[x] Working towards first release (released 1.3.0, 1.3.1, and 1.3.2)
[x] Community building (4 committers added since incubation, 24 contributors in total)
[x] Nearing graduation (maturity evaluation is nearly complete)
[] Other:

Date of last release:

2017-03-10

When were the last committers or PPMC members elected?

July 2016 (Eyal Allweil)

Signed-off-by:

[](datafu) Ashutosh Chauhan
Comments:
[x](datafu) Roman Shaposhnik
Comments: I believe the podling is ready for graduation
[](datafu) Ted Dunning
Comments:

FreeMarker

FreeMarker is a template engine, i.e. a generic tool to generate text output based on templates. FreeMarker is implemented in Java as a class library for programmers.

FreeMarker produces releases from its current stable branch since 2004 (and is started in 1999).

FreeMarker has been incubating since 2015-07-01.

Three most important issues to address in the move towards graduation:

The project is constantly exploring new ways to "convert" active users into committers, since we have a very large user base and a rather small group of committers. This was actually expected, given the age (and topic) of the project. While the FreeMarker 3 line, which was started quite recently, will be much more appealing for contributors, development on that direction will certainly take a long time. In other respects the project is mature and ready for graduation.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

We are eager to graduate but we were hoping to increase the number of active contributors more before the graduation. However, since the community is slowly growing and we have completed all the Incubation tasks, we are now more inclined to discuss the graduation and then proceed as a top level project. One of the practical problems with being stuck in the Incubator is that many users stick to the last non-incubating release as that has no "-incubating" in the Maven coordinates, missing out on fixes and features done in the recent two years. We brought up the issue with the Maven coordinate on general@incubator.apache.org (saying that because our Maven coordinate doesn't contain "apache", "incubating" is meaningless there), but there was no consensus.

How has the community developed since the last report?

We have welcomed a new committer (non-PMC), Woonsan Ko.

A few new people has shown up to help out with our Twitter channel (such as making a new logo for it, and helping to make it more active), and to work on modernizing our build scripts.

The starting of the FreeMarker 3 branch has generated more technical discussions than usual.

How has the project developed since the last report?

We have created a Project Maturity Model page at <https://cwiki.apache.org/confluence/display/FREEMARKER/Apache+Freemarker+Project+Maturity+Model>

We have started the FreeMarker 3 branch, whose goal is to get rid of backward compatibility burden that holds back the project quite much at this point, and doesn't allow us to fully capitalize on the experiences of the last 15 years. In our current situation it's also very important that the new branch, as it advances, will be technically far more appealing than the legacy branch for contributors. Also, the new branch uses org.apache packages and Maven coordinates (which FreeMarker 2 can't do).

We have received a bigger contribution from Kenshoo, the source code of an online template evaluator service, which we plan to use on our home page, helping users to try and learn the template language.

We have released a new micro version (2017-03-25, 2.3.26), focuses on fixes and smaller improvements. This is the third stable release issued during the incubation.

We have added a How-To page for committers (<http://freemarker.org/commmitter-howto.html>), which gives detailed instructions on making releases, handling pull requests, updating the project home page, and more.

We have worked some on our Twitter channel, such as we have a new logo and some posts.

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:

Comment: The project is mature and ready for graduation, unless the problem with the number of active committers is considered as a blocker.

Date of last release:

2017-03-25

When were the last committers or PPMC members elected?

2017-02-13 Woonsan Ko, committer (non-PMC)

Signed-off-by:

☒ (freemarker) Jacopo Cappellato
Comments:
☐ (freemarker) Jean-Frederic Clere
Comments:
☒ (freemarker) David E. Jones
Comments:
☒ (freemarker) Ralph Goers
Comments:
☒ (freemarker) Sergio Fernández
Comments:

Gobblin

Gobblin is a distributed data integration framework that simplifies common aspects of big data integration such as data ingestion, replication, organization and lifecycle management for both streaming and batch data ecosystems.

Gobblin has been incubating since 2017-02-23.

Few first steps has been made:

- * mailing list setup
- * jira setup
- * few Apache account creation for new committers.

Three most important issues to address in the move towards graduation:

1. Code import. Still need agreement from LinkedIn/Microsoft

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None

How has the community developed since the last report?

We are very first steps of the project

How has the project developed since the last report?

First 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:

N/A

When were the last committers or PPMC members elected?

N/A

Signed-off-by:

- [X](gobblin) Olivier Lamy
Comments:
- [X](gobblin) Jean-Baptiste Onofre
Comments:
- [X](gobblin) Jim Jagielski
Comments:

Gossip

Gossip is an implementation of the Gossip Protocol.

Gossip has been incubating since 2016-04-28.

Three most important issues to address in the move towards graduation:

1. A project leveraging Apache Gossip such as
<https://issues.apache.org/jira/browse/IGNITE-4837>

2. Two additional active committers to handle management tasks like code review
3. Continued releases

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

Two students are submitting proposals for Google Summer of Code. Both have already contributed features which were committed to the project. We are hopefully they both proposals will be accepted.

How has the community developed since the last report?

The mailing list has been active with several people who were drawn to the project by GSOC 17 labels placed on our tickets. Two of them have contributed features that have been committed, and a third person (who will not be doing GSOC) has asked to be assigned a ticket. Our last release had roughly 5 different contributors, The mailing list is fairly active as we review GSOC proposals. We have more than 50 stars on github which shows that visibility is making a steady climb.

How has the project developed since the last report?

A release 0.1.1 was completed right before our last report. We made an aggressive list of features for 0.1.2. We de-prioritized some of the items, but we completed far more than we expected. We had improvements in performance, testing, and features. CRDT support seemed to be the biggest 'splash' feature.

How would you assess the podling's maturity?

I am happy with the continued feature development and code/test improvement. We are attracting interest of some new developers who seem likely to stay involved and potentially be committers in the future. While the majority of management and reviews is done by a few, others are beginning to help with tasks like code reviews. As pointed out in the "move towards graduation" section, having a couple other highly active reviewers/committers would be a positive next step.

Please feel free to add your own commentary.

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

Date of last release:

2017-04-02 (April 02)

When were the last committers or PPMC members elected?

Chandresh Pancholi added as a committer in February 2017

Signed-off-by:

[x](gossip) P. Taylor Goetz

Comments:

Gossip is slowly but steadily growing its community. The GSOC participation was a great step in that regard.

[x](gossip) Josh Elser

Comments:

The podling is still working to attract new members, but those involved so far are doing well.

[x](gossip) Drew Farris

Comments:

It is great to see the interest driven by GSOC participation. Kudos to the team for engaging with GSOC.

Griffin

Griffin is a open source Data Quality solution for distributed data systems at any scale in both streaming or batch data context

Griffin has been incubating since 2016-12-05.

Three most important issues to address in the move towards graduation:

- 1.Setup website, wiki, plan, milestone.
- 2.Make the first release.
- 3.Grow the community.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None

How has the community developed since the last report?

Two new contributors on-boarded, several developers had contacted us for plan, milestones, status and use cases.

How has the project developed since the last report?

- Active development started in the community. 24 commits in last month.
- The project setup is going quite well. Initial committers are onboarding, JIRA, Website, mailing list were successfully done.
- Work toward next gen version (general enough) is progressing substantially.

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?

- Initial set of committers / PPMC.

Signed-off-by:

- ☒ (griffin) Henry Saputra
Comments:
- ☐ (griffin) Kasper Sørensen
Comments:
- ☐ (griffin) Uma Maheswara Rao Gangumalla
Comments:
- ☐ (griffin) Luciano Resende
Comments:

HAWQ

Apache HAWQ is a Hadoop native SQL query engine that combines the key technological advantages of MPP database with the scalability and convenience of Hadoop. HAWQ reads data from and writes data to HDFS natively. HAWQ delivers industry-leading performance and linear scalability. It provides users the tools to confidently and successfully interact with petabyte range data sets. HAWQ provides users with a complete, standards compliant SQL interface.

HAWQ has been incubating since 2015-09-04.

Three most important issues to address in the move towards graduation:

1. Continue to improve the project's release cadence. To this end we plan on expanding automation services to support increased developer participation.
2. Continue to expand the community, by adding new contributors and focusing on making sure that there's a much more robust level of conversations and discussions happening around roadmaps and feature development on the public dev mailing list.
3. Expand release artifacts to include the delivery of binary artifacts. We expect the project to significantly refine the binary release process in several key areas.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

1. Nothing urgent at this time.

How has the community developed since the last report?

1. Two Meetups took place in Beijing, China:

- * HAWQ Meetup (January 12, 2017)

- HAWQ2.X New Features - Yanqing Wen, Pivotal HAWQ Senior Engineer
- HAWQ Elasticity - Huan Zhang, Pivotal HAWQ Senior Engineer
- Data Lake and HAWQ Integration - Wenbin Lu, EMC Big Data Senior Engineer

- * HAWQ Meetup (March 23, 2017)

- Apache HAWQ Exploration Step by Step - Configuration, Build, Deployment and Debug by Xiang Sheng, Pivotal Software Engineer
- Transaction Management in Apache HAWQ by Ming Li, Pivotal Senior Software Engineer
- Max Compute - A SQL engine based on Apache HAWQ by Chen Xia, Database Expert in Alibaba Cloud

2. A significant push by the dev community has been made to review and merge the project's Pull Requests (PR). As of March 30, 2017, eight of the nine open PRs have been opened in the last ten days. The PR opened on Sep 2016 is targeted to be merged after the Apache 2.2.0.0 release.

3. Community contribution highlight(s):

- * Leveraging the extensible PXF design, a JDBC PXF plugin was contributed by Devin Jia (github id: jiadexin). This contribution came from the community and not from the company which originally donated HAWQ to the ASF.

4. Recent porting efforts:

- Persistent Systems Engineers are actively engaging the dev community on their HAWQ porting efforts to RHEL 7.1 on S390 platform.
- Ubuntu 16.04.2 LTS (Xenial Xerus) porting notes have been published on dev list.

5. Ruilong Huo has volunteered to be the Release Manager (RM) for the upcoming 2.2.0.0 release

How has the project developed since the last report?

1. Apache HAWQ 2.1.0.0 (source code only) has been released.

2. Apache HAWQ 2.2.0.0 release proposed (source code and first binary release). This is the 3rd release as an incubating project. The binaries will be Hadoop vendor agnostic providing support for the Apache Bigtop 1.2.0 distribution.

Release page:

<https://cwiki.apache.org/confluence/display/HAWQ/Apache+HAWQ+2.2.0.0-incubating+Release>

Release highlights:

- * CentOS 7.x Support
- * Ranger Integration
- * PXF ORC Profile
- * Bug Fixes

3. Paul Guo (paulguo@gmail.com - committer and recent HAWQ PPMC member) is publishing (to dev email list) a regular HAWQ Graduation update for the project.

- * HAWQ graduation update (January, 17, 2017)

<https://lists.apache.org/thread.html/cd37e2b48d4bbc9fe4a9cea47f8247a2a614fa9643171937db9568ed@%3Cdev.hawq.apache.org%3E>

- * Apache HAWQ graduation update (Mar 1st, 2017)

<https://lists.apache.org/thread.html/3a1e454f8c706dd71b1690c3ae74a157ef42eefde2185c780e2a57a2@%3Cdev.hawq.apache.org%3E>

4. The Apache HAWQ website has been updated:
- * Provide clearer (more user-friendly) home page with good access to downloadable release artifacts.
 - * The Apache HAWQ doc set is opened sourced and accessible from website's nav bar.

5. Significant updates to the Apache HAWQ wiki:

- * Add more community activities and recorded videos:

<https://cwiki.apache.org/confluence/display/HAWQ/Community>

- * Add design documents for certain components:

<https://cwiki.apache.org/confluence/display/HAWQ/Tech+Documents>

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:

2017-02-28

When were the last committers or PMC members elected?

Podling committers (3) added:

Lisa Owen: January 31, 2017

Jane Beckman: February 1, 2017

Kyle Dunn: March 2, 2017

PPMC member (1) added:

Paul Guo: March 10, 2017

Signed-off-by:

[X](hawq) Alan Gates

Comments:

[X](hawq) Konstantin Boudnik

Comments:

[](hawq) Justin Erenkrantz
Comments:
[](hawq) Thejas Nair
Comments:
[x](hawq) Roman Shaposhnik
Comments:
Podling seems to be a few months away from fulfilling all of the graduation requirements.

IPMC/Shepherd notes:

johndament: The podling is extremely active, I'm not sure there's anything left blocking them from graduation.

HORN

IPMC/Shepherd notes:

johndament: No email activity on the list in 3 months,
ptgoetz: Indeed, the lack of public/private list activity despite prodding from mentors/IPMC is disconcerting.
It might be time to discuss retirement.

Juneau

Apache Juneau is a toolkit for marshalling POJOs to a wide variety of content types using a common framework, and for creating sophisticated self-documenting REST interfaces and microservices using VERY little code.

Juneau has been incubating since 2016-06-24.

Three most important issues to address in the move towards graduation:

1. Build up community with non-IBM and non-Salesforce contributors.
2. Solicit user feedback/usage
3. Grow awareness of the project

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None.

How has the community developed since the last report?

The Juneau community has teamed with the Streams community to replace Jackson (and other libraries) in Apache Streams.
Ongoing collaboration is going on between the teams.

How has the project developed since the last report?

6.0.1 minor release delivered on Jan 3, 2017.
6.1.0 major release delivered on Feb 25, 2017.

How would you assess the podling's maturity?
Please feel free to add your own commentary.

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

Date of last release:

2017-02-25

When were the last committers or PPMC members elected?

- Initial committers only.

Signed-off-by:

[](juneau) Craig Russell
Comments:
[](juneau) Jochen Wiedmann
Comments:
[X](juneau) John D. Ament
Comments:
The podling's struggling a bit with community growth. The Streams
podling has recently begun leveraging Juneau for serialization, so I'm
hopeful to see more interaction.

MADlib

Big Data Machine Learning in SQL for Data Scientists.

MADlib has been incubating since 2015-09-15.

Three most important issues to address in the move towards graduation:

1. Continue to produce regular Apache (incubating) releases.
2. Continue to execute and manage the project according to governance model of the "Apache Way".
3. Continue to build community.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

1. The next release v1.11 will be the 5th as an incubating project. We believe this release will meet all requirements for a clean ASF release, based on listening to guidance from the IPMC over the previous releases. After that, the community would ideally like to move towards top level status.
2. The licensing issues have been resolved. Should anyone want to review, we have summarized the issue and resolution with relevant links on the MADlib wiki at <https://cwiki.apache.org/confluence/display/MADLIB/ASF+Licensing+Guidance>

How has the community developed since the last report?

1. Some related events in Q1 2017:
 - * Feb 4, 2017 - Presentation at FOSDEM'17 Graph devroom. Topic: Graph Analytics on Massively Parallel Processing Databases (Frank McQuillan)
 - * Feb 2, 2017 - Greenplum meetup in SF. Topic: Machine Learning and Cyber Security with Greenplum and Apache MADlib (Anirudh Kondaveeti, Frank McQuillan)
 - * Mar 23, 2017 - MADlib community call. Topic: New Features in Apache MADlib 1.10 (Frank McQuillan)
2. See material technical conversations on user/dev mailing lists and in the appropriate JIRAs and pull requests.

How has the project developed since the last report?

1. Build infra set up on Apache infra
<https://builds.apache.org/job/madlib-master-build/>
2. Docker image with necessary dependencies required to compile and test MADlib on PostgreSQL 9.6
<https://cwiki.apache.org/confluence/display/MADLIB/Quick+Start+Guide+for+Developers#QuickStartGuideforDevelopers-Dock>
3. Active work in progress for 5th ASF release MADlib v1.11 scheduled for Apr 2017. Features include: PageRank, connected components, stratified sampling, improvements to decision tree & random forest, array & sparse vector output for pivot
4. Mailing list activity in Q1 to date: 274 postings to dev, 111 postings to user.

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:

MADlib v1.10 on 3/10/17.

When were the last committers or PMC members elected:

Orhan Kislal on 9/7/16 and Nandish Jayaram on 9/7/16.

Signed-off-by:

☒ (madlib) Konstantin Boudnik
Comments:
☐ (madlib) Ted Dunning
Comments:
☒ (madlib) Roman Shaposhnik
Comments: we hope to submit a TLP resolution next month

Metron

Metron is a project dedicated to providing an extensible and scalable advanced network security analytics tool. It has strong foundations in the Apache Hadoop ecosystem.

Metron has been incubating since 2015-12-06.

Three most important issues to address in the move towards graduation:

1. All issues have been addressed.
2. Community graduation discussion and vote have been initiated and passed
3. Incubator graduation discussion and vote have been initiated and passed

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

NA

How has the community developed since the last report?

Most of the community and IPMC will transition to the Metron PMC once we establish it. Two of our Mentors chose to stay on with the project.

How has the project developed since the last report?

We produced a 0.3.1 build

The project is in the process of graduating into a TLP

How would you assess the podling's maturity?

I think our community is very mature and we will make a great Apache TLP project

Please feel free to add your own commentary.

☒ Initial setup
☒ Working towards first release
☒ Community building
☒ Nearing graduation
☒ Other: graduation vote passed

Date of last release:

2017-03-17

When were the last committers or PPMC members elected?

Two committers were voted in on 3/15.

Signed-off-by:

```
[x](metron) Billie Rinaldi
Comments:
[ ](metron) Chris Mattmann
Comments:
[ ](metron) Owen O'Malley
Comments:
[x](metron) P. Taylor Goetz
Comments:
    Metron is ready to graduate and a resolution has been submitted
    to the board.
[ ](metron) Vinod Kumar Vavilapalli
Comments:
```

Milagro

Distributed Cryptography; M-Pin protocol for Identity and Trust

Milagro has been incubating since 2015-12-21.

Three most important issues to address in the move towards graduation:

1. Develop MILAGRO toolbox
2. Creating full working MILAGRO ecosystem, based on MILAGRO crypto library - further research and development (IoT, blockchain, fractions etc.)
3. Building the MILAGRO community - engaging developers and cryptographers, raising awareness and helping to secure future of internet.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

We are having issues with Apache repos, and syncing two-way with Github, which becomes annoying, as developers reports. We're facing issues in logging in to Apache Wiki page (<https://wiki.apache.org/incubator/April2017>)
<<https://wiki.apache.org/incubator/April2017>>)
<<https://wiki.apache.org/incubator/April2017>> - error messages are popping here and there, so it's impossible to work directly on Apache tools (while users names and passwords, are 100% correct), we still can not access those, and we are having issues with accessing SVN.

How has the community developed since the last report?

MILAGRO community, sadly isn't currently growing, most likely cause of technical issues, few interested folks were unable to login, so they are working directly on Github repo, while we still can not have two-way syncing with Apache account.

How has the project developed since the last report?

In past few months, MILAGRO community was focused on developing MILAGRO Crypto C Library, the most important parts were:

- enabling the solution to use different curves at the same time
- adding Golang wrappers for RSA and ECDSA
- adding tests and working examples for the Golang wrappers
- adding benchmarks
- finally splitting the library into proper logical components

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

Signed-off-by:

[](milagro) Sterling Hughes

Comments:

[*](milagro) Jan Willem Janssen

Comments:

I do see some ongoing development, like new repositories being created, but there's not a lot of discussion happening on the MLs and as such I do not have a clear picture where the project currently stands, what problems they have, and how we can improve on that.

[*](milagro) Nick Kew

Comments:

Nothing seems to have happened since last time. This report describes technical difficulties: loss of certain github functionality in moving to apache, and others I find harder to grasp. I will again post a followup to this to the project's dev list.

IPMC/Shepherd notes:

Drew Farris (shepherd): I see very little evidence of project activity looking at the mailing lists and repos alone. There must be more effort to move Milagro development and communication to Apache infrastructure. Despite involvement of one mentor, I am unable to observe effort from the project members to resolve the problems referenced in the board report. The lack of progress over more than a year of incubation leads me to question whether the current Milagro community is genuinely interested in running an Apache project.

MXNet

Signed-off-by:

[](mxnet) Sebastian Schelter

Comments:

[](mxnet) Suneel Marthi

Comments:

Its been 4 months since this project has been proposed for Apache Incubator and so far nothing's been done to move the project to Apache. All activity is still happening on the original project github - <http://github.com/dmlc/mxnet> and all conversations still happen on the project's Gitter channel. Since the last report from March 2017 (which btw was drafted and filed by me) there's been ZERO traction on moving the project to Apache. There are upcoming talks in various confs like - <https://conferences.oreilly.com/artificial-intelligence/ai-ny/public/schedule/detail/58186> that make no reference to the fact that the project is now 'Apache'. The reason me and Hen have not filed a report yet for April 2017 is due to the fact we would rather one of the committers on the project took the initiative to do it as opposed to a mentor covering for the project.

[](mxnet) Markus Weimer

Comments:

[](mxnet) Henri Yandell

Comments:

IPMC/Shepherd notes:

Justin Mclean:

No report yet. Slow to start up but at least one Mentor active.

Mynewt

Mynewt is a real-time operating system for constrained embedded systems like wearables, lightbulbs, locks and doorbells. It works on a variety of 32-bit MCUs (microcontrollers), including ARM Cortex-M and MIPS architectures.

Mynewt has been incubating since 2015-10-20.

Three most important issues to address in the move towards graduation:

1. Demonstrate the capability to do point and major releases that can be used to build downloadable RTOS images for multiple MCU architectures, peripherals, and network connectivity protocols. The goal of having a first major (1.0) release in the first quarter of 2017 was met. The releases are intended to demonstrate and solidify the repeatability, usability, and maturity of process.
2. Continue to develop and execute policies that enable project contributors to achieve self-governance.
3. Expand community - attract new project contributors, get users with diverse backgrounds applying project to new use cases and encouraging adoption, grow committer base.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None

How has the community developed since the last report?

1. Active mailing lists with increasing numbers of subscribers. 19 new subscribers on dev@ mailing list since last report resulting in a total of 160 subscribers.
2. Increased participation by several new contributors through pull requests for new MCU support, merges by new committers, new BSP support, connectivity features, and test cases and test results. There is a measurable increase in usage of the project for 3rd-party products and demos. Outreach continues via conferences, exhibits, one on one meetings, tutorials, beta testers, prototype and performance testing with multiple organizations. For example, 255 Pull Requests have been closed on GitHub.
3. Vigorous discussions, feature proposals, optimizations, code behavior analysis, user interface improvements, and implementation debates on @dev mailing list. Activity on dev@ list averaged 192 msgs/month in 2016

How has the project developed since the last report?

1. The first major release (1.0) was successfully completed on March 22nd. Two beta releases led up to the first major release - first on December 13, 2016, the second on Feb 24, 2017, with the final month before the release (between beta2 and 1.0) focusing on bug fixes, performance tuning, and code cleanup for a robust first release. An example of policy developed and executed is the Release Policy:
<https://cwiki.apache.org/confluence/display/MYNEWT/Release+and+Support+Policy>
2. Planning: Issues including bug reports, features, and wish list captured and tracked in ASF JIRA by members of the community. Proposals for new features are posted on the dev@ mailing list and voted on by community members.
3. Effort towards self governance: Voting successfully completed to grant committer status to five new candidates since last report. New committer acceptance policy defined and followed:
<https://cwiki.apache.org/confluence/display/MYNEWT/New+Committer+Acceptance+Process>
Another example of policy developed and executed is the Release Policy:
<https://cwiki.apache.org/confluence/display/MYNEWT/Release+and+Support+Policy>

How would you assess the podling's maturity?
Please feel free to add your own commentary.

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

☐ Other:

Date of last release:

2017-03-22

When were the last committers or PPMC members elected?

2017-03-28

Signed-off-by:

☐ (mynewt) Sterling Hughes
Comments:
☒ (mynewt) Jim Jagielski
Comments:
☒ (mynewt) Justin Mclean
Comments:
☐ (mynewt) Greg Stein
Comments:
☒ (mynewt) P. Taylor Goetz
Comments:
In my opinion Mynewt is ready to graduate. I will
bring up that prospect with the podling.

NetBeans

NetBeans is a development environment, tooling platform and application framework.

NetBeans has been incubating since 2016-10-01.

Three most important issues to address in the move towards graduation:

1. Licensing, i.e., identifying and solving GPL-related code.
2. Coming up with a process of contributing code that makes sense to everyone.
3. Working on roadmaps, features, and plans together as a community.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

None.

How has the community developed since the last report?

- Several new entries added to Who's Who page:
<https://cwiki.apache.org/confluence/display/NETBEANS/Who%27s+Who>
- Ongoing discussions on the Apache NetBeans mailing list.
- Several updates to <http://incubator.apache.org/projects/netbeans.html> have been done.
- Meetups planned in April: Athens, Bangalore, London

How has the project developed since the last report?

- All repos relating to Java SE NetBeans IDE have been audited on Oracle's side (<https://cwiki.apache.org/confluence/display/NETBEANS/Apache+Transition>).
- Only the code that has been written since the audit started needs to be reviewed, of the Java SE NetBeans IDE.
- Regular updates on process to Apache NetBeans mailing list.

How would you assess the podling's maturity?

No releases yet, though active discussions and community enthusiasm.

Please feel free to add your own commentary.

- ☒ Initial setup
- ☐ Working towards first release
- ☐ Community building

- ☐ Nearing graduation
- ☐ Other:

Date of last release:

No releases yet.

When were the last committers or PPMC members elected?

No one has been elected so far.

Signed-off-by:

- ☒ (netbeans) Ate Douma
Comments:
- ☒ (netbeans) Bertrand Delacretaz
Comments:
- ☐ (netbeans) Daniel Gruno
Comments:
- ☒ (netbeans) Mark Struberg
Comments:

ODF Toolkit

Java modules that allow programmatic creation, scanning and manipulation of OpenDocument Format (ISO/IEC 26300 == ODF) documents

ODF Toolkit has been incubating since 2011-08-01.

Three most important issues to address in the move towards graduation:

1. Get companies backing up the project as part of a commercial story, to get a long-term momentum
2. Do recurrent releases - some semi-automation would be helpful - for the 3rd party users

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

How do we get people to test our release on the incubation list?

A general issue of the project is that it 'just' a toolkit of an office file format, which in addition is far from leading the business market, so likely never being used by the mass market - a very niche product.

Still, the toolkit seems to be working well for most common use cases, but is repeatedly updated by developers on changes of the ODF, like Red Hat developers enhancing the ODF validator as part of LibreOffice regression tests (e.g. out-of-the-box running on <http://odf-validator.rhcloud.com/>) most often quite ahead of one of the international ODF Plugfests - <http://odfplugfest.org/2016-paris/programme/>.

There are some game-changing features in the pipeline (e.g. collaboration) which are expected to strengthen the acceptance and develop the community.

How has the community developed since the last report?

We received with Tom Barber a new active Mentor

How has the project developed since the last report?

Update of documentation and bug fixing.
Our release candidate is currently on a vote on the general incubator list.

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:

2014-06-02

When were the last committers or PPMC members elected?

2015-10-05 - Damjan Jovanovic for Committer/PPMC

Signed-off-by:

☐ (odftoolkit) Nick Burch
Comments:
☐ (odftoolkit) Yegor Kozlov
Comments:
☒ (odftoolkit) Tom Barber
Comments:
Svante is still pretty much the sole developer but there are people testing and voting on releases. We'll ship this release and figure out how best to market it once the IPMC signs off on the release.

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 issues to address in the move towards graduation:

1. Growing the community, especially contributors
2. Grow awareness within Apache, we are eating our own dog food
3. Start getting more releases out.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

How has the community developed since the last report?

Not much to report here. Community remains the same size. We are discussing releasing a new version soon(ish).

How has the project developed since the last report?

Many bug fixes, but no new release yet. TBD.

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:

2016-08-02

When were the last committers or PPMC members elected?

Sebb, 2016-09-10.

Signed-off-by:

[](ponymail) Andrew Bayer
Comments:
[X](ponymail) John D. Ament
Comments:

Ratis

Ratis is a Java implementation for RAFT consensus protocol

Ratis has been incubating since 2017-01-03.

Three most important issues to address in the move towards graduation:

1. Setup jenkins.
2. Make the first release. Snapshot release was made available, work in progress for 0.1.0 release.
3. Grow the community

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

- None

How has the community developed since the last report?

- One new contributor joined.

How has the project developed since the last report?

- A Snapshot release was made available.
- One new contributor.
- 25 new commits.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- [] Initial setup - Need jenkins setup.
- [X] Working towards first release - Snapshot release available. Work in progress for the first release.
- [] Community building - One new contributor.
- [] Nearing graduation
- [] Other:

Date of last release:

- None

When were the last committers or PPMC members elected?

- Initial set of committers/PPMC.

Signed-off-by:

[](ratis) Chris Nauroth
Comments:
[](ratis) Devaraj Das
Comments:
[x](ratis) Jakob Homan
Comments:
[](ratis) Uma Maheswara Rao G
Comments:

RocketMQ

RocketMQ is a fast, low latency, reliable, scalable, distributed, easy to use message-oriented middleware, especially for processing large amounts of streaming data.

RocketMQ has been incubating since 2016-11-21.

Three most important issues to address in the move towards graduation:

1. Vote in our first PMC members
2. Moving sub-projects from GitHub into the ASF
3. Grow the community

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

- * None

How has the community developed since the last report?

- * Increased mailing list activity: solutions and milestone plan are discussed and decided in mailing list.
- * Organized the second hackathon in community, The mainly purpose is to foster users and contributors to use mail list to ask or discuss problems.
- * Star has increased from 516 to 854 since the latest report.
- * Moving mature sub-projects into Apache repository, these projects including RocketMQ-Console, RocketMQ-JMS, RocketMQ Docker and RocketMQ-Spark PR. Contributors in this repository have over 15+
- * Polish RocketMQ various wikis, including example guide, architecture guide, dev-ops guide etc.
- * Up to now, RocketMQ community have finished the several external integration projects, including RocketMQ-Flume, RocketMQ-Ignite, RocketMQ-Storm, RocketMQ-Spark.

How has the project developed since the last report?

- * Up to now, 140+ issues have been reported on JIRA site and 59 have been resolved or closed. Since November 85+ pull requests have been created and 56+ pull requests have been closed.
- * Teams are sparing no effort in RocketMQ 4.1 development, which will introduce a new client api. It covers messaging and streaming solutions in the finance, e-commerce, Iot and big-data area.
- * Received a batch message PR, that is a great enhance for RocketMQ big-data area.
- * Received a message filter PR, that is a new idea for RocketMQ filter feature.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- [] Initial setup - The initial setup went pretty well with assistance from John Ament and his Incubator documentation improvement efforts.
- [] Working towards first release - The podling has performed its first release as noted below
- [X] Community building - Some contributors are beginning to participate. So far users have been slow to show up, so more effort on this front will be encouraged.
- [] Nearing graduation - Making progress, not there yet.
- [] Other:

Date of last release:

2017-02-21

When were the last committers or PPMC members elected?

Last elected committers as following:

- * 27 Feb 2017 - Roman Shtykh
- * 27 Feb 2017 - Zhen Dong Liu

Signed-off-by:

- [X](rocketmq) Bruce Snyder
Comments:
- [](rocketmq) Brian McCallister
Comments:

[](rocketmq) Willem Ning Jiang
Comments:
[](rocketmq) Luke Han
Comments:
[X](rocketmq) Justin McLean
Comments:
There has been discussion on list re community building and activities happening e.g. external hackathon but translating that into new committers seems hard.

I think part of this is process (new to Apache and the way we do things) and perhaps PR review process / the committer bar has been set a little too high. Perhaps the PMC should look at voting in people that contribute to the project a little earlier?

Rya

Rya (pronounced "ree-uh" /r/) is a cloud-based RDF triple store that supports SPARQL queries. Rya is a scalable RDF data management system built on top of Accumulo. Rya uses novel storage methods, indexing schemes, and query processing techniques that scale to billions of triples across multiple nodes. Rya provides fast and easy access to the data through SPARQL, a conventional query mechanism for RDF data.

Rya has been incubating since 2015-09-18.

Three most important issues to address in the move towards graduation:

1. Have more releases as part of the Apache Foundation
2. Increase diversity of contributors.
3. Continue to harden and develop core Rya features to improve user experience

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

No

How has the community developed since the last report?

- * Talk on Rya accepted at Apache Big Data, May 18, 2017
- * PRs from non-committers (14 contributions from 6 non-committers) which are integrated into the repository continue to be received

How has the project developed since the last report?

- * Resolved a handful of issues that users have encountered
- * Committed features: Added support for select * {?s ?p ?o} queries (select all triples). Implemented MongoDB based entity secondary index. Added MongoDB column visibility. Fixed column visibilities in Fluo. Added GeoWave, in addition to GeoMesa, to the optional rya.geoindexing. Added statement metadata optimizer so that reified queries can be issued in an efficient way.

How would you assess the podling's maturity?
Please feel free to add your own commentary.

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

Date of last release:

Oct 28, 2016

When were the last committers or PMC members elected?

New committer and PPMC member David Lotts elected on Oct 25, 2016

New PPMC member Caleb Meier elected on Jan 3rd, 2017

Signed-off-by:

[x](rya) Josh Elser
Comments:
Things seem to be going well. Relatively quiet, but not a problem.
[](rya) Edward J. Yoon
Comments:
[](rya) Venkatesh Seetharam
Comments:
[x](rya) Billie Rinaldi
Comments:

SensSoft

SensSoft is a software tool usability testing platform

SensSoft has been incubating since 2016-07-13.

Three most important issues to address in the move towards graduation:

1. Moving towards the first Incubating release of the source code and other release artifacts.
2. Grow the Apache SensSoft (Incubating) community.
3. Complete the issues highlighted at the SensSoft Roadmap
<https://cwiki.apache.org/confluence/display/SENSSOFT/Roadmap>

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

No

How has the community developed since the last report?

The community has been stable and working well towards the commons goals identified within the Roadmap.

How has the project developed since the last report?

The project has reached a stage where our first Incubating VOTE'ing process is very close. The community has been working well towards strategic release-oriented goals.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

[x] Initial setup
[x] 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?

Arthi Vezhavendan was added to PPMC and Committer base on 2017-01-24

Signed-off-by:

[](senssoft) Paul Ramirez
Comments:
[X](senssoft) Lewis John McGibbney
Comments:
[](senssoft) Chris Mattmann
Comments:

IPMC/Shepherd notes:

Drew Farris (shepherd):

Two mentors active on the mailing lists. Development activity present on mailing lists. Progress towards first release observed.

Traffic Control

Traffic Control allows you to build a large scale content delivery network using open source.

Traffic Control has been incubating since 2016-07-12.

Three most important issues to address in the move towards graduation:

1. Enhance automation to facilitate committer voting on new releases.
2. Enhance documentation to ease ramp-up time for new community members.
3. Grow the community.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

How has the community developed since the last report?

Several new people have become active on the project. A 2 week hackathon was organized to on-board some new contributors from Qwilt.

How has the project developed since the last report?

Traffic Control 1.8 was released on 3/7/2017 after a lot of cleanup of licenses and dependencies! Traffic Control 2.0 is converging on the first release candidate.

Since the last report (January 2017), we have

- * Merged 232 Pull Requests with 441 commits from 16 contributors
- * Opened 135 JIRA issues
- * Closed 68 JIRA issues
- * Seen 105 messages on the dev@ list.

How would you assess the podling's maturity?
Please feel free to add your own commentary.

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

Date of last release:

Traffic Control 1.8 was released on 3/7/2017.

When were the last committers or PPMC members elected?

No new committers or PPMC members yet.

Signed-off-by:

- [X](trafficcontrol) Phil Sorber
Comments:
- [](trafficcontrol) Eric Covener
Comments:
- [](trafficcontrol) Daniel Gruno
Comments:
- [](trafficcontrol) J. Aaron Farr
Comments:

Weex

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

Weex has been incubating since 2016-11-30.

Three most important issues to address in the move towards graduation:

1. Move the whole workflow and infra into Apache (not the codebase only).
2. Develop more contributors and committers.
3. Clear the ICLA issues.

Any issues that the Incubator PMC (IPMC) or ASF Board wish/need to be aware of?

No

How has the community developed since the last report?

- * 1,510 stars and 229 forks in our new Apache repo in GitHub.
- * 600+ mails in dev channel
- * Developed one new committer: Yuan Shen

How has the project developed since the last report?

- * Enhanced accessibility
- * Supported iPad screen
- * Supported more features like: "waterfall" component, prefetch, "expression binding", box-shadow, etc.

How would you assess the podling's maturity?

Please feel free to add your own commentary.

- ☒ Initial setup
- ☐ Working towards first release (wip)
- ☐ Community building (wip)
- ☐ Nearing graduation
- ☐ Other:

Date of last release:

No

When were the last committers or PPMC members elected?

We invited Yuan Shen as a new committer in 2017-02-23.

Signed-off-by:

- ☐ (weex) Luke Han
Comments:
- ☐ (weex) Willem Jiang
Comments:
- ☐ (weex) Stephan Ewen
Comments:
- ☒ (weex) Niclas Hedhman
Comments: The Shepherd's comments fully resonate with how I feel. The progress in 'getting it' is slow, and I have also asked privately how people know what to work on, as I suspect that this is happening at work, conf calls, or other means. I have been considering asking the IPMC to put the code repository in read-only to get people to wake up. There is a release attempt going on right now, and that has triggered a little bit more open communications, but it is far from acceptable. Dev work is remarkably strong, but community development is weak, which I see as signs of a corporate-driven project.

IPMC/Shepherd notes:

ptgoetz: The Weex community has shown some friction against adopting the

Apache Way. Luckily there is one highly engaged mentor very actively nudging the community in the right direction. My concern is that other mentors have not engaged (no sign-offs to date), and if the primary mentor disappears for any length of time it could pose a problem. I'd like to see at least one more engaged mentor for a podling trying to develop its initial Apache "sea legs."

johndament: The amount of private list email vs dev list email is a bit concerning. Niclas has been doing a great job helping the podling move along, but without major changes I suspect it will be difficult for them to progress forward.