

August2015

/!\ *FINAL* (!)

Incubator PMC report for August 2015

Timeline

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

Shepherd Assignments

Andrei Savu	AsterixDB
Andrei Savu	Kylin
Drew Farris	Blur
John Ament	Calcite
John Ament	Droids
Justin Mclean	BatchEE
Matthew Franklin	DataFu
Matthew Franklin	Tamaya
Matthew Franklin	Twill
P. Taylor Goetz	FreeMarker
P. Taylor Goetz	Trafodion
Raphael Bircher	Sirona
Raphael Bircher	Slider
Ross Gardler	Ripple
Suresh Marru	ODF Toolkit
Suresh Marru	REEF
Suresh Marru	TinkerPop
Timothy Chen	Climate Model Diagnostic Analyzer
Timothy Chen	Kalumet

Report content

Incubator PMC report for August 2015

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 43 podlings currently under incubation.

* Community

New IPMC members:

Flavio Junquero

People who left the IPMC:

(none)

* New Podlings

No new podlings entered the incubator this month.

* Graduations

The board has motions for the following:

Ignite

Lens

* Releases

The following releases were made since the last Incubator report:

2015-07-27 - apache-brooklyn-0.7.0-incubating
2015-07-24 - Apache-Twill-0.6.0-incubating
2015-07-23 - Apache-Zeppelin-0.5.0-incubating release
2015-07-22 - apache-ripple-emulator-0.9.30-incubating
2015-07-21 - apache-ignite-1.3.0-incubating
2015-07-21 - apache-samoa-0.3.0-incubating
2015-07-21 - apache-kylin-0.7.2-incubating
2015-07-16 - apache-tinkerpop-3.0.0-incubating
2015-07-16 - apache-usergrid-1.0.2-incubating
2015-07-16 - apache-nifi-0.2.0-incubating
2015-07-16 - apache-groovy-2.4.4-incubating
2015-07-16 - apache-lens-2.2.0-beta-incubating
2015-07-09 - apache-sentry-1.5.1-incubating
2015-07-09 - apache-atlas-0.5-incubating

* IP Clearance

JBoss HornetQ code grant to the ActiveMQ PMC.

* Legal / Trademarks

* Infrastructure

Marvin board report reminders went out this month. There was much rejoicing.

* Miscellaneous

* Report Manager: John D. Ament

----- Summary of podling reports -----

* Still getting started at the Incubator

AsterixDB
Climate Model Diagnostic Analyzer
DataFu
FreeMarker

* Not yet ready to graduate

No release:

Blur
Tamaya

Community growth:

Kylin
TinkerPop
Trafodion
Twill

* Ready to graduate

Calcite

The Board has motions for the following:

Ignite
Lens

* Did not report, expected next month

BatchEE (Shepherd notes remaining)
Droids (Shepherd notes remaining)
Kalumet
REEF
Ripple
Slider

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TinkerPop
Trafodion
Twill

AsterixDB

Apache AsterixDB is a scalable big data management system (BDMS) that provides storage, management, and query capabilities for large collections of semi-structured data.

AsterixDB has been incubating since 2015-02-28.

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

1. Migrate issues from Google Code
2. Do an Apache release.
3. Grow community

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

1. The most urgent issue right now is to migrate the issues from the Google Code tracker to the ASF JIRA (INFRA-9954) as Google Code turns read-only on Aug 24. The issue was open with sporadic activity for some time. Recently, the frequency of the interactions with infra has increased significantly (thanks!), but the problem is not solved yet.

2. There was a discussion on the use of a Gerrit instance hosted at UCI for code reviews in this project. After an initial assumption that this was contrary to Apache policy and the subsequent
 - a) clarification on how Gerrit is being used (every AsterixDB commit is explicitly made by a committer to the ASF git repo - not by Gerrit),
 - b) configuration of Gerrit that all notifications are sent the the project's mailing list, and
 - c) addition of a step at Gerrit account creation that requires that an ICLA is on file at the ASFthe current state of the discussion is that this is
 - a) not contrary to policy but also
 - b) not ideal as the regular workflow depends on non-ASF resources.Ideally the code review tool would be hosted by infra, but capacity is an issue.

How has the community developed since the last report?

Getting more requests on opportunities to contribute and also some contributions.

How has the project developed since the last report?

- New website is up
- YARN support added
- Other development is ongoing

Date of last release:

No Releases yet.

When were the last committers or PMC members elected?

No new elected PPMC and/or committers since entering incubator.

Signed-off-by:

[x](asterixdb) Ate Douma
[](asterixdb) Chris Mattmann
[](asterixdb) Henry Saputra
[x](asterixdb) Jochen Wiedmann
[x](asterixdb) Ted Dunning

BatchEE

BatchEE projects aims to provide a JBatch implementation (aka JSR352) and a set of useful extensions for this specification.

BatchEE has been incubating since 2013-10-03.

Shepherd/Mentor notes:

Justin Mclean:
Did not report (3rd time in a row). Low mailing list activity.

Blur

Blur is a search platform capable of searching massive amounts of data in a cloud computing environment.

Blur has been incubating since 2012-07-24.

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

1. At this point we need to have more releases, more often.
- 2.
- 3.

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?

- Subscriptions: user@ - 55[-2]; dev@ - 67[0]

How has the project developed since the last report?

Many bug fixes, plus a release vote was called. It did not pass due to some licensing issues with a javascript library in a web application that is apart of the Blur project. It has recently been resolved, we will call a vote for a new release in the beginning of August.

Date of last release:

2014-07-29 (The vote for the 0.2.4 release was called on 2015-07-02)

When were the last committers or PMC members elected?

2014-07-28

Signed-off-by:

[](blur) Doug Cutting
[X](blur) Patrick Hunt
[X](blur) Tim Williams

Shepherd/Mentor notes:

Calcite

Calcite is a highly customizable engine for parsing and planning queries on data in a wide variety of formats. It allows database-like access, and in particular a SQL interface and advanced query optimization, for data not residing in a traditional database. (Renamed from Optiq on 2014-09-30.)

Calcite has been incubating since 2014-05-19.

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

1. Add more PPMC members.
2. Demonstrate community robustness by rotating project tasks among multiple project members.
3. There is no third thing. We are almost ready to graduate.

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 last report was in April. (We are reporting a month late, because we missed the July report.)

In July, there were 148 messages on dev@, 37 commits, 44 issues created, 39 issues resolved by 10 contributors.

Diversity is improving. The 1.4 release will be the first release for which Julian Hyde was not release manager.

Julian Hyde won best lightning talk at XLDB 2015 in May with the talk "Apache Calcite: One planner fits all".

Tom Barber spoke about Calcite at ApacheCon NA in April.

Collaborations with other Apache projects continue:

- * Phoenix has built a remote JDBC driver using Calcite's Avatica component.
- * Phoenix is replacing their SQL parser & planner with Calcite.
- * Samza is developing support for streaming SQL queries using Calcite for parsing and planning.
- * Kylin upgraded from 0.9.2 to 1.3.
- * Collaboration with Hive and Drill continues.

How has the project developed since the last report?

We completed releases 1.2 and 1.3, and are preparing 1.4.

Date of last release:

2015-05-30 apache-calcite-1.3.0-incubating

When were the last committers or PMC members elected?

2015-04-24 5 new committers
2014-12-31 1 new PPMC member

Signed-off-by:

[X](calcite) Ted Dunning
[X](calcite) Alan Gates
[X](calcite) Steven Noels

Shepherd/Mentor notes:

Ted Dunning:

This is turning into a serious community. They should consider graduation.

johndament:

Podling seems to be in good shape. They may want to consider beginning the graduation process.

Climate Model Diagnostic Analyzer

CMDA provides web services for multi-aspect physics-based and phenomenon-oriented climate model performance evaluation and diagnosis through the comprehensive and synergistic use of multiple observational data, reanalysis data, and model outputs.

Climate Model Diagnostic Analyzer has been incubating since 2015-05-08.

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

1. Start developing at the ASF
2. Start using ASF JIRA
3. Get code pushed to ASF Git repo

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

N/A

How has the community developed since the last report?

See below

How has the project developed since the last report?

CMDA has not really gotten started at the ASF yet. Very little has changed since the last report. The most important thing is getting the community started. At the moment the CMDA JIRA is completely empty and the code base

has yet to be pushed to the git repo. Mailing list activity is largely non-existent and there's no website up for the project yet. Hopefully these hurdles will be crossed during this next month so that more active develop can start for the project.

Date of last release:

None yet

When were the last committers or PMC members elected?

None yet

Signed-off-by:

```
[ ](climatemodeldiagnosticanalyzer) James W. Carman
[ ](climatemodeldiagnosticanalyzer) Chris Mattmann
[X](climatemodeldiagnosticanalyzer) Michael James Joyce
[ ](climatemodeldiagnosticanalyzer) Kim Whitehall
[ ](climatemodeldiagnosticanalyzer) Gregory D. Reddin
```

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. Do first release
2. Grow user and contributor base
3. Increased committer activity

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

- * Performing the initial release remains the most important milestone. However, the majority of the known tasks for this have been completed. The remaining tasks are related to documentation. We are able to generate a signed, versioned source release from the build system.

How has the community developed since the last report?

- * A couple new contributors have submitted patches. One of these has been committed and the other is nearly ready to be committed.

How has the project developed since the last report?

- * The build system has been updated to provide tasks for generating signed, versioned source releases. Documentation has been updated as well with instructions on how to do this.
- * Apache DataFu has been updated to run against Hadoop 2. There was an issue running the Hourglass integration tests against Hadoop 2, which had been blocking this update.
- * A couple new patches from two new contributors for Pig UDFs have been submitted. One of these is an improvement to the HyperLogLog UDF cardinality estimator that makes it much more efficient. The other is a helper for getting a tuple out of a bag.
- * A patch has been submitted for a UDF to incrementally process date-partitioned data in Pig. This provides similar functionality that is available in Hourglass.

Date of last release:

- * Not yet released

When were the last committers or PMC members elected?

* November 2014

Signed-off-by:

[](datafu) Ashutosh Chauhan
[X](datafu) Roman Shaposhnik
[X](datafu) Ted Dunning

Shepherd/Mentor notes:

Ted Dunning:

The generation of signed releases on shared hardware has historically raised serious security questions from infra. I think that this process needs to be vetted very carefully.

Droids

Droids aims to be an intelligent standalone robot framework that allows to create and extend existing droids (robots).

Droids has been incubating since 2008-10-09.

Shepherd/Mentor notes:

johndament:
Did not report. Podling seems to be in bad shape. Prior reports indicated similar issues.

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 has been incubating since 2015-07-01.

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

1. IP clearance
2. Move to ASF infrastructure, especially the code repository
3. Finding contributors

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 in early stage of incubation (like source code wasn't imported yet), so there's no change.

How has the project developed since the last report?

We have collected the required Software Grants and ICLA-s. We are working on the migration to the ASF infrastructure and preparing for the IP clearance process.

Date of last release:

There was no release from the Incubator yet

When were the last committers or PMC members elected?

We only have the initial comitters and inital PMC members yet.

Signed-off-by:

[X](freemarker) Jacopo Cappellato
[](freemarker) Jean-Frederic Clere
[](freemarker) David E. Jones
[X](freemarker) Ralph Goers
[](freemarker) Sergio Fernández

Shepherd/Mentor notes:

P. Taylor Goetz:

Freemarker is still ramping up.

Kylin

Kylin is a distributed and scalable OLAP engine built on Hadoop to support extremely large datasets.

Kylin has been incubating since 2014-11-25.

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

1. Grow community to add more PPMC members, contributors
2. Rotate community tasks between PPMC members
3. Well manage features (streaming and batch) within coming releases

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

* Nothing

How has the community developed since the last report?

1. In July, there were 610 messages on dev@, 52 issues created, 22 issues resolved
2. Qianhao Zhou has presented Apache Kylin at China Hadoop Summit 2015 Shanghai on July 24, 2015
3. Debashis Saha and Luke Han has presented Apache Kylin at Hadoop Summit 2015 San Jose on June 9, 2015
4. Hongbin Ma has presented Apache Kylin at OSC (Open source innovation meetup) Shanghai on June 14, 2015
5. Fabian Wilckens has spoken about Apache Kylin at Berlin BuzzWords on June 1, 2015
6. Medha Samant has presented Apache Kylin at Drill Meetup Bayarea on May 26, 2015

How has the project developed since the last report?

1. Released 0.7.1 and 0.7.2, is preparing release 0.7.3
2. Cleanup and GC tool of cube build job
3. Early streaming features bring into 0.8 branch, continuing refactoring to support lambda architecture
4. Metadata migration tool
5. Kafka as streaming source
6. In-memory cubing for streaming
7. Upgraded Calcite to 1.3 to support better SQL functions and bug fixes
8. Bug fixes

Date of last release:

2015-07-21 v0.7.2-incubating released
2015-06-10 v0.7.1-incubating released (First Apache Release)

When were the last committers or PMC members elected?

1. Two new mentors joined Apache Kylin PMC: Julian Hyde and Taylor Goetz

Signed-off-by:

[](kylin) Owen O'Malley
[X](kylin) Ted Dunning
[X](kylin) Henry Saputra
[X](kylin) Julian Hyde
[X](kylin) P. Taylor Goetz

Shepherd/Mentor notes:

Ted Dunning: This is a very active and inclusive community.

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. Grow the community
2. Generate additional releases
- 3.

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

Very quiet.

How has the community developed since the last report?

No new committers. New tickets have been raised by interested users.

Date of last release:

2014-06-02

When were the last committers or PMC members elected?

2012-10-29

Signed-off-by:

[](odftoolkit) Sam Ruby
[](odftoolkit) Nick Burch
[](odftoolkit) Yegor Kozlov

Shepherd/Mentor notes:

Sentry

Sentry is a highly modular system for providing fine grained role based authorization to both data and metadata stored on an Apache Hadoop cluster.

Sentry has been incubating since 2013-08-08.

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

1. Encourage more feature and direction discussions on the dev list rather than jira.
2. Continue reporting on time
3. Improve release schedules

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

- * Community has fixed all the issues raised except for the ongoing efforts mentioned in the previous section.
- * Community has released Sentry 1.5.1 after fixing the earlier release issues.
- * Making project direction more visible: Created a roadmap page on wiki, so that there is one place every one can see what is community working on or aspiring to work on.
- * Project is now doing monthly reporting

How has the community developed since the last report?

We had 73 messages on dev list last month. (Got number from <http://markmail.org/list/org.apache.sentry.dev>)

How has the project developed since the last report?

About 42 issues were created and about 46 resolved(Numbers from jira).

Date of last release:

2015-07-14

When were the last committers or PMC members elected?

Colin Ma, Dapeng Sun, Guoquan Shen and Xiaomeng Huang were added as committers on 12/24/2014. No new PPMC members have been added since the project has entered the incubator.

Signed-off-by:

[X](sentry) Arvind Prabhakar
[](sentry) Joe Brockmeier
[](sentry) David Nalley
[](sentry) Olivier Lamy
[X](sentry) Patrick Hunt
[](sentry) Thomas White

Shepherd/Mentor notes:

Sirona

Monitoring Solution.

Sirona has been incubating since 2013-10-15.

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

1. Increase community

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

Nothing.

How has the community developed since the last report?

Not a lot.

How has the project developed since the last report?

Ongoing incremental improvements and bug fixes.
Discussing/preparing a new release.

Date of last release:

2014-06-26

When were the last committers or PMC members elected?

None added since project has started

Signed-off-by:

[X](sirona) Olivier Lamy
[](sirona) Henri Gomez
[](sirona) Jean-Baptiste Onofre
[](sirona) Tammo van Lessen
[](sirona) Mark Struberg

Tamaya

Tamaya is a highly flexible configuration solution based on an modular, extensible and injectable key/value based design, which should provide a minimal but extendible modern and functional API leveraging SE, ME and EE environments.

Tamaya has been incubating since 2014-11-14.

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

1. We need more active contributors.
2. We must provide support for Java EE.
3. We must release more often.

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?

Streamlining all features and preparing the first release took more time as originally suggested due to absences of key people involved. It has shown that additional committers are urgently needed. There were several that have shown interest, but unfortunately this did not lead to additional contributors.

We hope that presentations at ApacheCon, DevOxx and several other conferences as well as articles at JAXenter and more will help to improve the community until end of year.

How has the project developed since the last report?

We have now an agreed core set of APIs and extensions that provide a healthy and usefull base for the future. The extensions are all well tested and documented, so we should be able to come up with a good quality with our first release. The first release 0.1-incubating is now in the vote on PMC, so we are now on track to further wider community awareness for our project. Anatole has a article series on the topic in the biggest German technical paper and also will blog regularly on it, once the release is out. As a star spec lead his network should definitively help to grow community then.

Date of last release:

None. But first release is discussed in the PMC as of now, so within the next 1-2 week it should be out.

When were the last committers or PMC members elected?

See last report (no new committers or PMC members).

Signed-off-by:

[X](tamaya) John D. Ament
[](tamaya) Mark Struberg
[](tamaya) Gerhard Petracek

[](tamaya) David Blevins

Shepherd/Mentor notes:

johndament:

The small community came together quickly following existing ASF best practices to get their first together. Thank you especially to Justin Mclean for pre-reviewing the release to catch any issues. Once Tamaya gets through some community growth, they will be well functioning.

TinkerPop

Apache TinkerPop is a graph computing framework.

Apache TinkerPop has been incubating since 2015-01-16.

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

1. Grow community.
2. N/A.
3. N/A.

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

N/A.

How has the community developed since the last report?

TinkerPop has added a new contributor (Matt Frantz). Furthermore with the release of TinkerPop 3.0.0-incubating (i.e. GA), more graph vendors will start to implement the framework given the stability of the API.

How has the project developed since the last report?

- Released 3.0.0-incubating.
- Currently working on 3.1.0 and 3.0.1 branches.

Date of last release:

July 9, 2015

When were the last committers or PMC members elected?

A new committer -- Matt Frantz (July 8, 2015)

Signed-off-by:

[X] (tinkerpop) Rich Bowen

Trafodion

Trafodion is a webscale SQL-on-Hadoop solution enabling transactional or operational workloads on Hadoop.

Trafodion has been incubating since 2015-05-24.

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

1. Develop community and a deeper understanding of the Apache Way. Move all communication to project public lists.
2. Complete wiki migration and website build.
3. Resolve remaining license conflicts.
4. Make our first Apache (incubating) release.

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?

- * All issues are now discussed through JIRAs.
- * An on boarding process for new contributors has been documented in the wiki.
- * We have 30 contributors from more than 4 organizations.
- * Accepted to present at ApacheCon in Budapest on September 30.
- * At least 2 users have been guided through public lists as they try out the product.

How has the project developed since the last report?

- * Website up at <http://trafodion.incubator.apache.org/>
- * 5 pages added to the wiki at <https://cwiki.apache.org/confluence/display/TRAFOFODION/>
- * Daily builds are being done using a CI system outside of ASF Infrastructure.
- * 17 authors have made 29 commits to master in July. 165 files changed, 9518 lines additions, 5742 deletions.
- * With migration from previous issue tracking system completed we have 1415 JIRAs created and 36 resolved in July 2015

Date of last release:

We have not done a release of Trafodion since incubation.

When were the last committers or PMC members elected?

Steve Varnau elected as committer on July 16, 2015.

Signed-off-by:

[X](trafodion) Andrew Purtell
[](trafodion) Devaraj Das
[](trafodion) Enis Söztutar
[](trafodion) Lars Hofhansl
[X](trafodion) Michael Stack
[X](trafodion) Roman Shaposhnik

Shepherd/Mentor notes:

P. Taylor Goetz:

Podling is still ramping up. Mentors engaged in the process.

Twill

Twill is an abstraction over Apache Hadoop YARN that reduces the complexity of developing distributed applications, allowing developers to focus more on their business logic.

Twill has been incubating since 2013-11-14.

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

1. Encouraging more contributions in open manner
2. More regular release cycles and roadmap
3. Increase adoptions

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

- * Need help from mentors to verify releases to get binding votes in dev list before going to general incubator list

How has the community developed since the last report?

- * New release 0.6.0-incubating on July 24, 2015
- * 19 JIRA issues resolved since last report

- * Add 2 new external contributors
- * Add a new PPMC member

How has the project developed since the last report?

- * Version 0.6.0-incubating is released
- * Fixing issue to support MapR distribution
- * Adding new PPMC member: Henry Saputra

Date of last release:

2015-07-24 0.6.0-incubating

When were the last committers or PMC members elected?

2015-08-04 Henry Saputra

Signed-off-by:

[](twill) Arun C Murthy
[](twill) Tom White
[X](twill) Patrick Hunt
[](twill) Andrei Savu

Shepherd/Mentor notes: