April2014

/!\ *FINAL* (!)

This report has been submitted to the Board. Please do not edit further.

Incubator PMC report for April 2014

Timeline

Wed April 02	Podling reports due by end of day
Sun April 06	Shepherd reviews due by end of day
Sun April 06	Summary due by end of day
Tue April 08	Mentor signoff due by end of day
Wed April 09	Report submitted to Board
Wed April 16	Board meeting

Shepherd Assignments

Alan D. Cabrera	Usergrid
Alan D. Cabrera	VXQuery
Andrei Savu	ODF Toolkit
Andrei Savu	Ripple
Dave Fisher	NPanday
John Ament	Phoenix
Justin Mclean	DataFu
Matthew Franklin	Samza
Raphael Bircher	Stratos
Roman Shaposhnik	MetaModel
Ross Gardler	DeviceMap
Suresh Marru	Aurora
Suresh Marru	Celix

Report content

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Incubator PMC report for April 2014

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 32 podlings currently under incubation.

* Community

  New IPMC members:
    Rob Weir
    Sean Owen

  People who left the IPMC:

    (None)
```

* New Podlings

    (None)

* Graduations

  The board has motions for the following:

    (None)

  The following graduations have been approved by
  the previous board meeting but haven't been recorded
  in the incubator report:

      Tajo
      Olingo
      Allura

* Releases

  The following releases were made since the last Incubator report:

    March 13 Phoenix 2.2.3-incubating

  It took 2-10 days for the third IPMC vote to arrive.

    Release   VOTE start Third IMPC +1 Days

    Apache Phoenix 2.2.3-incubating   Mar 7   Mar 13   6

* Miscellaneous

  * A proposal for Stratosphere: an open source system for parallel data analysis
    has been submitted
  * A proposal for Slider has superseded the former proposal for Hoya
  * A POC with Black Duck software and a few incubator projects has been
    submitted and actively discussed

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

* Not yet ready to graduate

  No release:

    NPanday
    ODF Toolkit
    Samza

  Community growth:
    NPanday
    ODF Toolkit

* Did not report, expected next month

  Celix
  DeviceMap
  Ripple

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Aurora

Aurora is a service scheduler used to schedule jobs onto Apache Mesos.

Aurora has been incubating since 2013-10-01.

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

  1. First release, progress being tracked in ticket AURORA-147
  2. Establish a consistent development process and release rhythm.
  3. Expanding the community and continuing to add new committers.

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?

  Latest Additions:

  * PMC addition: Mark Chu-Carroll, 2014-02-03
                          Jake Farrell, 2014-01-23
  * Contributor addition: Mark Chu-Carroll, 2014-01-14

  Issue backlog status since last report:

  * Created: 296 (includes initial import)
  * Resolved: 141

  Mailing list activity since last report:

  * @dev   624 messages
  * issues   503 messages
  * @reviews 1499 messages

How has the project developed since the last report?

  - Jira issues have been imported to issues.apache.org
  - Documented contributing guide and committers workflow
  - Automating release workflows and preparing for our first release
    candidate

Date of last release:

  - No releases as of yet. Targeting first release within the next couple
    weeks.

Signed-off-by:

  [X](aurora) Jake Farrell
  [ ](aurora) Benjamin Hindman
  [ ](aurora) Chris Mattmann
  [X](aurora) Henry Saputra

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. Building ASF community
   2. Release
   3. Remaining incubator paperwork

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?

   A talk was given at an Apache Pig meetup held on March 14th. A talk
   is scheduled to be given at ApacheCon in Denver on April 7th. Jian
   Wang accepted the invitation to become a committer.

How has the project developed since the last report?

   Two new Jiras have been filed and received patches.

Date of last release:

   None. Third month of incubation.

When were the last committers or PMC members elected?

   2014-02-22

Signed-off-by:

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

Shepherd/Mentor notes:

   Justin Mclean (jmclean):

      Relative new podling yet to make a release. One mentor is active on
      public mailing list no obvious issues that need attention.

MetaModel

MetaModel is a data access framework, providing a common interface for
exploration and querying of different types of datastores.

MetaModel has been incubating since 2013-06-12.

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

   1. Finalize 4.1 release to demonstrate new functionality and evolution
      within Apache
   2. More contributors to increase diversity of the community
   3. Determine approach to technical documentation across different software
      versions

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 finished our first release and are seeing some initial interest from
   users. Mostly there are interactions to add new features or connectivity
   to new types of datastores. For instance, it has been proposed to look
   into building connectivity to semantic web technologies, iRods, Apache
   Phoenix - and within the contributors group there has been some focus on

adding HBase and Cassandra support.

    Discussions about community by-laws are not very active at this point. It
    does not seem to be top-of-mind for most community members, and also
    shepherd/mentor notes from January 2014 indicate that this is not
    important right now.

    We're improving on the point of registering JIRA issues and running
    patches through the review board. By now this is the approach taken every
    time, unless a commit is found to be very trivial.

    Still the core group of developers seems a bit small, but by focusing on
    broader connectivity and keeping the releases coming, we think we can
    attract a larger community to the project.

How has the project developed since the last report?

    Apache MetaModel 4.0.0-incubating was released on Jan 21.

    We are working on new features for a 4.1 version. The 4.1 version will
    represent the point in time where Apache MetaModel starts to show
    significant new functionality when compared to the old eobjects.org
    MetaModel project.

    A new module for providing easy Spring framework integration has been
    implemented.

    Finishing touches are being made to a new module for connecting to Apache
    HBase.

    Various API changes are being planned and discussed.

    Many bugfixes and performance improvements has been implemented.

Date of last release:

    Jan 21, 2014

When were the last committers or PMC members elected?

    June 2013

Signed-off-by:

    [X](metamodel) Henry Saputra
    [X](metamodel) Arvind Prabhakar
    [X](metamodel) Matt Franklin
    [X](metamodel) Noah Slater

NPanday

NPanday allows projects using the .NET framework to be built with Apache
Maven.

NPanday has been incubating since 2010-08-13.

In previous reports, we indicated that there was a regression that blocked
releasing the next version. This has now been resolved, and the only thing
that stands in the way is sufficient cycles to push it out. There have been
a small number of users (not yet committers) who've stepped forward to help
test when that happens, which might help build some much needed momentum.
However, as before, it's still a concern whether sufficient release votes
could be found as many of the existing PPMC are inactive. The last release
was made on 16 May 2011.

The steps that have been identified are:

- apply patches that have been contributed recently
- convert the website to svnpubsub so updated documentation can be published
- perform the release steps

The NPanday automated builds have been impacted by changes to the Windows
build infrastructure again, but this is probably something that needs to be
worked around on our end.

Signed-off-by:

  [ ](npanday) Raphael Bircher

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 in terms of committers
2. Have regular releases
3. Decide if we would like to be a top level project or join an existing
   project

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

  We've been struggling to get 3 +1 IPMC votes for our latest release
  candidate. We're stuck at two +1 votes.

How has the community developed since the last report?

  We issued a "call for volunteers" to our users list and got a good
  response: http://s.apache.org/4Vx

  Of course, it will be easier to grow the community if we can reliably
  conduct a release vote.

How has the project developed since the last report?

We've been trying to get a release out since February 11th.

Date of last release:

    2013-06-22

When were the last committers or PMC members elected?

    2012-10-29

Signed-off-by:

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

Phoenix

Phoenix is an open source SQL query engine for Apache HBase, a NoSQL data
store. It is accessed as a JDBC driver and enables querying and managing
HBase tables using SQL.

Phoenix has been incubating since 12/11/2013.

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

  1) Make our customers successful and prove value of Phoenix+HBase over
     other alternatives
  2) Attract new committers and continue to get contributions from existing
     committers to the project

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  3) Figure out a bundling strategy with HBase so that Phoenix is
     pre-installed in HBase distributions.

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?

  Continued growth of user/dev traffic on email list. James Taylor is giving
  a talk on Apache Phoenix at ApacheCon.

How has the project developed since the last report?

  * First release has been completed.
  * Vote is in progress on general list for our second and third releases.
  * Work in parallel on next point releases has already begun.

Date of last release:

  March 13, 2014

When were the last committers or PMC members elected?

  No new committers or PMC members, but a discussion has begun to add a new
  committer

Signed-off-by:

  [ ](phoenix) Lars Hofhansl
  [X](phoenix) Andrew Purtell
  [ ](phoenix) Devaraj Das
  [ ](phoenix) Enis Soztutar
  [ ](phoenix) Steven Noels

Shepherd/Mentor notes:

  John Ament (johndament):

    Phoenix is a newer podling, however they are growing quite fast.  While
    there were some release issues, those were resolved quite quickly on the
    general list and new releases cut quickly.  Based on this I would
    strongly recommend that the podling consider graduation sooner than
    later.  Most of their status report is complete as well.

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Samza

Samza is a stream processing system for running continuous computation on
infinite streams of data.

Samza has been incubating since 2013-07-30.

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

  1. Release a version of Samza.
  2. Pull in at least one more committer.
  3. Building expertise in the community.

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?

  Community development has been strong. Our mailing list saw an all-time
  high in March of 275 emails. Collectively, March and February had more
  emails than all prior months.
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How has the project developed since the last report?

   The project is developing well. We're trying to stabilize the codebase,
   and have our first release. JIRA information:

   Period   Created   Resolved
   January 2014   24   18
   February 2014   27   26
   March 2014   51   38

Date of last release:

   Currently in the process of beginning first release.

When were the last committers or PMC members elected?

   March 17th, 2014

Signed-off-by:

   [X](samza) Chris Douglas
   [ ](samza) Arun Murthy
   [X](samza) Roman Shaposhnik

Stratos

Stratos will be a polyglot PaaS framework, providing developers a
cloud-based environment for developing, testing, and running scalable
applications, and IT providers high utilization rates, automated resource
management, and platform-wide insight including monitoring and billing.

Stratos has been incubating since 2013-06-20.

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

   1. Resolve name search issue
      https://issues.apache.org/jira/browse/PODLINGNAMESEARCH-45
   2. Community diversity
   3. Start Graduation vote

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

   The Stratos PPMC would be glad if the name search issue could be resolved
   soon. https://issues.apache.org/jira/browse/PODLINGNAMESEARCH-45

How has the community developed since the last report?

   Six new committers & PMC members have been added to the project. (In
   Stratos, committers are also invited to join the PMC). Community members
   have written several blog posts. Lakmal Warusawithana was unanimously
   elected as the potential Stratos PMC chair.

How has the project developed since the last report?

   Stratos has developed a very active community. Community diversity was a
   concern during the last report as well, and it is being addressed by bringing
   in a number of non-WSO2 committers & PPMC members. There is lot of interest
   expressed from & participation from many people. A single Stratos
   distribution with multiple profiles has been created. The team is also
   working on creating a simple VM which will allow people to easily try
   Stratos out. This will bring down the barrier to entry most potential
   contributors are facing right now, since setting up Stratos is a bit
   tedious right now. The project is actively working towards further diversification
   by attracting more non-WSO2 contributors. The domain stratoslive.com has been
   donated by WSO2 to the Stratos PMC. The project seems ready for graduation.
   A draft resolution towards graduation has been prepared & is being reviewed.
   The community is thinking about starting a graduation vote in the near future.

Date of last release:

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  2014-02-27 - Stratos (incubating) 4.0.0-Alpha (Developer preview only)

When were the last committers or PMC members elected?

  2013-03-31

Signed-off-by:

  [x](stratos) Afkham Azeez
  [ ](stratos) Anthony Elder
  [ ](stratos) Chip Childers
  [ ](stratos) Marlon Pierce
  [ ](stratos) Mohammad Nour
  [X](stratos) Noah Slater
  [X](stratos) Suresh Marru

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Usergrid

Usergrid is Backend-as-a-Service (BaaS) composed of an integrated database
(Cassandra), application layer and client tier with SDKs for developers.

Usergrid has been incubating since 2013-10-03.

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

  1. Grow the Usergrid community
  2. Further embrace the Apache methodology including using Apache
     infrastructure to move Usergid forwards
  3. Make our first incubating release

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

  There are currently some issues with regards to licensing of existing
  Usergrid code. The community is however aware of this and are working
  towards suitable replacement(s).

How has the community developed since the last report?

  The dev@ mailing list has seen increased amounts of traffic in recent
  months. As of close of March there are 55 subscriber to dev@. Individual
  posts to dev@ are shown below.

  Jan --> 113
  Fed --> 106
  Mar --> 179

How has the project developed since the last report?

  We have addressed a number of release dependent issues.  We continue to
  work towards these issue with the aim of having our first incubating
  release soon.

Date of last release:

  Usergrid has not yet made an incubating release.

When were the last committers or PMC members elected?

  The Usergrid PPMC elected Shawn Feldman (sfeldman) to join the PPMC on
  Mon, 17 Mar 2014.

Signed-off-by:

  [ ](usergrid) Dave Johnson
  [X](usergrid) Jake Farrell
  [ ](usergrid) Jim Jagielski
  [X](usergrid) Lewis John Mcgibbney
  [ ](usergrid) Luciano Resende
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VXQuery

A standards compliant parallel XML Query processor.

VXQuery has been incubating since 2009-07-06.

  As stated in the last report, there are no formal issues blocking
  graduation. While not a formal requirement, the current plan is
  (still) to do a second incubator release before graduation (the
  reasons to do this have not changed).

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?

  No change.

How has the project developed since the last report?

  There has been a lot of progress
  - improving the performance of the system, and on
  - running VXQuery on a cluster.
  For most tests that we are running now, we see near-linear
  speed-up and scale-up.

  Source code has been moved from svn to git.

  The second (and hopefully last) incubator release is being
  finalized.

Date of last release:

  2013-12-06

When were the last committers or PMC members elected?

  Marvin Humphrey was added to the PPMC as a mentor in November 2013.
  Steven Jacobs was elected as a committer in September 2013.

Signed-off-by:

  [x](vxquery) Anthony Elder
  [x](vxquery) Jochen Wiedmann
  [x](vxquery) Marvin Humphrey
  [ ](vxquery) Sanjiva Weerawarana
  [ ](vxquery) Radu Preotiuc-Pietro
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