

November2011

November 2011 Board reports (see [ReportingSchedule](#)).

These reports are due here by **Wednesday, 9 November 2011** so that the Incubator PMC can relay them to the board.

Your project might need to report even if it is not listed below, please check your own reporting schedule or exceptions.

Please remember to include:

- The "incubating since" info.
- The project's top 2 or 3 things to resolve prior to graduation.
- A short description of what your project's software does. Note that the **podling name should be used as an adjective, not a noun**, in order to comply with branding requirements.
- The **Signed off by mentor**: is for Mentor(s) to show that the Report has been reviewed.

Remember that this is a "text" report, so no markup please.

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Accumulo

Accumulo is a sorted, distributed key/value store based on BigTable's design.  Accumulo entered incubation in
September 2011.

In the move towards graduation, we must address:
1. Learning Apache procedures
2. Creating releases
3. Building a community

Community Development:
* active discussion on mailing lists and on JIRA tickets
* two new contributors have submitted patches
* web site created
* procedures and decision processes beginning to take form

Project Development:
* podling voted on release candidate for 1.3.5 (soon to be submitted to incubator PMC)
* documented release process
* applied formatting and licenses
* fixed bugs / tested code / added documentation

Signed off by mentor:
Alan Cabrera

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Airavata

Airavata is a software toolkit which provides features to compose, manage, execute, and monitor large scale
applications and workflows on computational resources ranging from local clusters to national grids and
computing clouds. Airavata is incubating since May 2011.

A list of the three most important issues to address in the move towards graduation

1. The barrier of entry in contributing to Airavata seems to be high. The code, documentation and JIRA
issues have to be efficiently organized and managed to appeal to wider developer community.
2. Test coverage of the code has to be increased significantly.
3. Develop a strong community with organizational diversity and well aligned with existing ASF projects as
outlined here: http://wiki.apache.org/incubator/AiravataProposal#Alignment

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

No, not at this time.

How has the community developed since the last report?

Patanachai Tangchaisin, Heshan Suriyarachchi and Saminda Wijeratne were VOTed in as committers and PPMC members
on the project.
Chris, Ross, Ate, Suresh, Marlon, Raminder met at ApacheCon NA and had a great time! Suresh's Fast Feather talk
introducing Airavata went great.

How has the project developed since the last report?
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- * Community is efficient being engaged through mailing list and JIRA.
- * The code is significantly improved with proper modular organization and packaging since entering incubation.
- * Documentation and website have also been improved.
- * All data base required components are integrated with Derby.
- * The XRegistry component is deprecated in favor of synergizing with other Apache repository projects like Jack Rabbit through the JCR API.
- * Jenkins continuous integration and sonar code analysis dashboard are setup and actively used by the community.
- * The project is preparing its initial 0.1-incubating release, currently VOTE'ing on the 2nd release candidate.

Signed off by mentor: mattmann, rgardler

Ambari

(project add text here)

Signed off by mentor:

Amber

(project add text here)

Signed off by mentor:

Any23

Anything To Triples (shortly Any23) defined as a Java library, a Web service and a set of command line tools to extract and validate structured data in RDF format from a variety of Web documents and markup formats. Any23 is what it is informally named an RDF Distiller.

A list of the three most important issues to address in the move towards graduation

1. Port Any23 code to ASF infrastructure and update license headers
2. Develop a strong community with organizational diversity and with strong connections to other relevant ASF communities.
3. At least one Any23 incubating release

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

No, not at this time.

How has the community developed since the last report?

Paolo Castagna came onto list and filed some issues ANY23-18, and ANY23-19 suggesting to abstract away the interfaces in Any23 and make it easier to plug in other RDF technologies, and to support RDF-A.

Giovanni Tumarello now has his account.

How has the project developed since the last report?

Any23 was voted into the Incubator by the IPMC on October 1, 2011.

All infrastructure has been moved over to Apache. Michele Mostarda posted a suggested set of issues to solve in the 0.7.0 release work in trunk.

Signed off by mentor: tommaso, mattmann, pramirez

Clerezza

(incubating since November 27th, 2009)

Clerezza is a framework and set of components designed to make it easy to build application for the semantic and the social web.

A list of the three most important issues to address in the move towards graduation.

1. For the first release mainly license headers have to be added
2. Tutorial on how to build apps with clerezza

Any issues that the Incubator PMC or ASF Board might wish/need to be aware of

- No issue

How has the community developed since the last report

- Some new interested persons have shown up on the mailing lists
- Patch contributed by non-committer
- External project providing a new backend for Clerezza: <https://github.com/enridaga/clerezza-virtuoso/tree/master/clerezza-virtuoso>
- Nomination for OSS Award (<http://www.ossaward.ch/>)

How has the project developed since the last report.

- Some bug-fixes and performance improvements. Still working on spamming everything with license headers.

Signed off by mentor: rgardler

Deltacloud

(project add text here)

Signed off by mentor:

DirectMemory

(incubating since October 2011)

Apache DirectMemory is a multi layered cache implementation featuring off-heap memory management (a-la BigMemory) to enable efficient handling of a large number of java objects without affecting jvm garbage collection performance

A list of the three most important issues to address in the move towards graduation.

- 1) Ensure branding requirements are met.
- 2) Ensuring IP is cleared.
- 3) Understanding process/decision making guidelines: release process/new committer process.

Any issues that the Incubator PMC or ASF Board might wish/need to be aware of

- No issue

How has the community developed since the last report

- Some new interested persons have shown up on the mailing lists
- Patches contributed by non-committers
- Discussion about a potential new committer

How has the project developed since the last report.

- Healthy activity on 3rd parties integrations such as Apache Karaf and Apache Commons JCS.

Signed off by mentor: Tim Williams, Olivier Lamy, ant

Droids

Droids is an Incubator project arrived from Apache Labs. Droids entered incubation on October, 2008.

It's an intelligent standalone robot framework that allows one to create and extend existing web robots.

The last three months have been focused on our first official release, which we finally did. The long hold off has been a bit of a community burner, let us hope that we sparkle the spirit we had in the last report.

Issues before graduation :

- * IP clearance

Signed off by mentor: Thorsten Scherler

HISE

(project add text here)

Signed off by mentor:

Jena

Jena is a semantic web framework in Java that implements the key W3C recommendations for the core semantic web technologies of RDF and SPARQL. Jena entered incubation in November 2010.

Progress since the last report:

The project has voted and accepted a new committer onto the project. The necessary ICLA has been completed and the new committer is now active.

The project has completed code clean-up, contacting previous contributors and asking them to re-contributed to the Apache project. One contribution from a company that no longer exists remains under a BSD-style license and is noted in the codebase.

The Apache-hosted website has been built using Apache CMS and buildbot system. A first release is active, while a second release with all the previous existing documentation ported to the new system is underway.

Important issues to address for graduation:

- * Do a full release.
- * Continue to grow the community.

Issues for the Incubator PMC or ASF Board:

None.

Technical development:

The new transactional native SPARQL storage systems has been moved to the development trunk. Leading-edge users continue to test this with us.

About 50 JIRA items have been resolved since the last report.

Signed off by mentor: bimargulies, rgardler, leosimons

Kafka

(project add text here)

Signed off by mentor:

Kalumet

(project add text here)

Signed off by mentor:

Lucene.NET

(project add text here)

Signed off by mentor:

NPanday

(project add text here)

Signed off by mentor:

Nuvem

Apache Nuvem will define an open application programming interface for common cloud application services, allowing applications to be easily ported across the most popular cloud platforms.

Nuvem was accepted for Incubation on June, 2010.

* Pasindu Madubashana successfully completed the Data Services project as part of GSoC 2011, providing support for GAE , Amazon SimpleDB and a standalone implantation based on Cassandra.

* Community continue small but somewhat active, with about 3 to 4 active committers.

Top things to resolve prior to graduation:

* Increase the number of active committers.

Signed off by mentor: ant

ODFToolkit

No report due for November. Podling is now on quarterly reporting schedule, with next report due in January.

Signed off by mentor:

Oozie

(project add text here)

Signed off by mentor:

OpenNLP

OpenNLP is a machine learning based toolkit for the processing of natural language text. It supports the most common NLP tasks, such as tokenization, sentence segmentation, part-of-speech tagging, named entity extraction, chunking, parsing, and coreference resolution. These tasks are usually required to build more advanced text processing services.

OpenNLP entered incubation on 11/23 2010.

Our second release at Apache is now out for vote and will hopefully be released soon. After some delay through legal issues we have finally accepted the syntactic generalization contribution from Boris Galitsky and he did send in a couple of patches to improve it. The development team is active and the development of the next release will now start.

A list of the the most important issues to address in the move towards graduation:

- * Establish open regression tests for the parser and coreference component
- * Identify and encourage new contributors on the path to committership

Signed off by mentor:

OpenOffice.org

No report due for November. Podling is now on quarterly reporting schedule, with next report due in December.

Signed off by mentor:

PhotArk

Apache PhotArk will be a complete open source photo gallery application including a content repository for the images, a display piece, an access control layer, and upload capabilities.

PhotArk was accepted for Incubation on August 19, 2008.

- * Subash Chaturanga completed the "Face Recognition" project as part of GSoC 2011
- * Umashanthi Pavalanathan completed making Photark more "Social" as part of GSoC 2011
- * After GSoC, we saw a slightly slowdown in community iterations.

* Issues before graduation :

* PhotArk started as a project with no initial code-base, and we have grown the community to the minimal independent committer size required for graduation and have been seeing slow but continuous interest in the project. The community started discussion graduation and based on mentors feedback we are going to recruit couple committers before we start the graduation process.

Signed off by mentor: lresende

S4

(project add text here)

Signed off by mentor:

SIS

Apache SIS is a toolkit that spatial information system builders or users can use to build applications containing location context. This project will look to store reference implementations of spatial algorithms, utilities, services, etc. as well as serve as a sandbox to explore new ideas. Further, the goal is to have Apache SIS grow into a thriving Apache top-level community, where a host of SIS/GIS related software (OGC datastores, REST-ful interfaces, data standards, etc.) can grow from and thrive under the Apache umbrella.

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

Still slow progress on development. We started a thread here: <http://s.apache.org/Q2z>
We were discussing the board report and then all of the sudden it turned into a where is SIS going discussion. We were pretty realistic and discussed whether it made sense to keep going. The good news was that a few of the community members (Adam Estrada and Luc Maisonobe) came out of the wood work and seconded that what we are trying to do is a great idea and that people would use it. We hope to use this as something to help move us forward.

I (Chris Mattmann) care deeply about this project, and will try and step up my development progress on it. Could still use a few more PPMC members and interested folks though.

- * Community progress since the last report

See above.

- * Project progress since last report

SIS was voted into the Incubator by the IPMC on February 21, 2010.

Chris close out a couple JIRA issues, SIS-27 (a fix to the Maven parent pom from Patrick O'Leary), and a website update (SIS-29) reported by sebb. Other than that, not much development. Here is the current list of items to work on for 0.2-incubating. I'm going to shoot to close these out over the next 3 months.

- SIS-28 Create a Layer Service for Google Earth Integration
- SIS-13 Change QuadTree Reader/Writer to use URLs instead of String file paths
- SIS-11 Basic CLI for SIS
- SIS-10 Ability to create SIS data from WKT specs
- SIS-9 Allow for multiple spatial reference systems
- SIS-8 Build a common SIS data container for spatial data

Signed off by mentor: mattmann, kevan

Stanbol

Stanbol is a modular software stack and reusable set of components for semantic content management.

Entered incubation on 2010-11-15.

There are no issues that require the Incubator PMC or ASF Board attention at this time.

1) Three most important issues to address in the move towards graduation.

1a) Make a first release (depends on a first release of Apache Clerezza to eliminate SNAPSHOT dependencies)

No concrete progress here.

1b) Create demos showing the power of Stanbol to grow the community

Demo server at <http://dev.iks-project.eu>, should be moved to Apache servers.

1c) Improve documentation and web site to lower the barrier for new users

Work in progress, docs are now available for the enhancer, entity hub, content hub, cms adapter and reasoners components, and for multi-language support.

2) How has the community developed since the last report?

No new committers, some new users have shown up on the mailing list.

Ali Anil Sinaci provided a number of patches which cover all current functionalities of Contenthub.

Stanbol was presented at various events: Nuxeo Wold, ApacheCon, "Smart Content = Smart Business" workshop at the [J. Boye](<http://jboye.com/conferences/aarhus11/>) conference in Aarhus, Denmark.

3) How has the project developed since the last report.

- * Integration with the Linked Media Framework (<http://code.google.com/p/kiwi/>) is in progress.
- * Integration of the Semantic Search capabilities with the Stanbol ContentHub.
- * New EnhancementEngine for extracting Keywords from Controlled vocabularies.
- * Improved multi language support.
- * Bidirectional mapping feature between JCR/CMIS content repositories and RDF data.
- * Implementation of long term operations for reasoners is in progress.

Signed off by mentor: bdelacretaz

Stonehenge

(project add text here)

Signed off by mentor:

VCL

VCL has been incubating since December 2008. VCL is a cloud computing platform for the management of physical and virtual machines.[<https://cwiki.apache.org/VCL/>]

Community Involvement

- * Numerous Apache VCL community members have gained enough knowledge and are actively answering questions on the mailing lists.
- * Questions have been posted to the lists related to several new installations from around the world.
- * Development issues are being discussed with participants from many different organizations.

Code Contributions

- * Support for IBM Power7 hardware was discussed on the development list. Code and documentation was contributed by Sunil Venkatesh of the University of Maryland Baltimore County.
- * Received a contribution from Satoshi Kobayashi of Hitachi Ltd. Japan to add Multilingualization /internationalization of the web UI and several other improvements.
- * Received a provisioning module for VMware vCenter clusters from Aaron Coburn at Amherst college.
- * Mark Gardner from Virginia Tech is working on adding support for IPv6.

New Committers

- * Several individuals from different institutions have expressed interest in becoming committers.
- * The main barrier encountered is obtaining university legal department approval of individual and corporate

contributor license agreements. Current committers are working with interested individuals to share experience and work through these issues.

Top Issues Before Graduation

- * Diversity. The community has been working to attract additional contributors to the project. Several committer candidates are being discussed.

Signed off by mentor:

Alan Cabrera, kevan

Wink

Apache Wink is a project that enables development and consumption of REST style web services. The core server runtime is based on the JAX-RS (JSR 311) standard. The project also introduces a client runtime which can leverage certain components of the server-side runtime. Apache Wink will deliver component technology that can be easily integrated into a variety of environments.

Apache Wink has been incubating since 2009-05-27.

Notable Activity:

- * New users are starting to post to the wink-user mailing list, but development list traffic and discussions are very slow. Hopefully community members will start prototyping around JAX-RS 2.0 and energize the community again.

Planned Activity:

- * Work towards graduation.

Top issues before graduation:

- * Getting more active dev community

Signed off by mentor: ant, kevan

Wookie

Wookie is a Java server application that allows you to upload and deploy widgets for your applications. Wookie is based on the W3C Widgets specification, but widgets can also be included that use extended APIs such as Google Wave Gadgets and OpenSocial.

Wookie has been incubating since 17th July 2009

Since August 2011:

- * Release 0.9.1 put out for vote
- * Community members attended Apache Hackathon in Amsterdam and linked up with Rave and Poi committers
- * Major patch for OAuth support submitted from community member
- * Published maven artifacts, and demonstrated integrated deployment with Rave
- * "Widget Store" collaboration mentioned in previous report is being developed externally for now, and may be submitted as an incubator proposal at a later stage
- * Identified a security issue, and took advice from security@apache on resolution process

Next steps:

- * Finish 0.9.1 release and move onto a 0.9.2 release
- * Continue to work and liaise with other projects

Issues before graduation:

- * improve our release process
- * build community/expand user base

Signed off by mentor: rgardler

Zeta Components

(project add text here)

Signed off by mentor:
