January2011

January 2011 Board reports (see ReportingSchedule).

These reports were due here by **Wednesday, 12 January 2011** so that the Incubator PMC could relay them to the board.

This report is closed.

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.
- 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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Ace

Apache ACE is a software distribution framework that allows you to centrally manage and distribute software
components, configuration data and other artifacts to target systems. ACE started incubation on April 24th 2009.

There are currently no issues requiring board or Incubator PMC attention.

Community

 * Angelo will do a talk about massive device deployment and Karl and Marcel will be doing a tutorial about ACE
in the Cloud at the upcoming EclipseCon / OSGi DevCon.
 * Some of the feedback and follow up discussions after ApacheCon have been discussed further on the mailing
list.

Software

 * Quite a lot of work has gone into the new Vaadin based Web UI.
 * A new, simpler launcher is being worked on by Angelo.

Licensing and other issues

 * None at the moment.

Things to resolve prior to graduation

 * Make sure all our dependencies are based on released artifacts.
 * Make a release.
 * Grow the community some more.

Signed off by mentor: hadrian, bdelacretaz

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Bluesky

BlueSky has been incubating since 01-12-2008. It is an e-learning solution designed to help solve the disparity
in availability of qualified education between well-developed cities and poorer regions of China.
Current status of developing the next version of RealClass:
    *Complete new Tserver/DTU/Teacher/Student;
    *user could call the the Student from web browser eg,firefox under Linux.
    *Start testing in between TServer/DTU/Teacher/Student;

    Next step:
    * Complete the testing and making the next release candidate;
    * Current en/decode is H.264 which is not compatible with ASL, so we gonna change it with FFmpeg

The semester gonna close soon after 4 days, and our vacation last for 1 month. So we may miss the next board
report.
Signed off by mentor:

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Bean Validation
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The community missed their December quarterly report. So, are submitting this report in January.

Summary

The community has been active with discussions on the dev list and code updates. A new 0.3 release has been discussed, but is not yet underway.

Community
  * No new committers...
  * No new PMC members...

Development
  * No new releases, but a 0.3 release has been discussed.
  * Work on annotations for commons-lang 3
  * Many bug fixes

Project Branding

  * Not started yet.

Signed off by mentor: kevan

Celix

Celix is an implementation of the OSGi Specification in C.

Celix entered incubation on November 2, 2010.

Currently the source tree is being cleaned and correct header information is being added. We are also looking at the project structure and how it can be changed to get a better/simpler overview. Most important aspect is separating the actual framework from the additional bundles.
Additionally, last December a proposal for a Celix talk was sent to, and accepted by the EclipseCon/OSGi DevCon. This provides a great opportunity to increase awareness and build a community.

Most important issues are:

    * Add more information to the wiki (ongoing process)
    * Cleanup project, rearrange structure
    * Generate awareness and grow a community!

Signed off by mentor: marrs

Chemistry

Apache Chemistry is an effort to provide an implementation of the CMIS (Content Management Interoperability Services) specification in Java, Python, PHP, JavaScript (and possibly other languages). Chemistry entered incubation on April 30th, 2009.

Issues to address in the move towards graduation:
    * First non-Java release (PHP, Python).

Issues for Incubator PMC or ASF Board:
    * None.

Community development since the last report:
    * We have 8 active committers working on three sub projects. No new committer has been added last quarter. There are a few regular contributors of bug reports, suggestions and patches.
    * Traffic on the dev list is steady.

Project development since the last report:
    * A second release of the Java subproject (OpenCMIS 0.2) is under way. A release candidate is available.
    * The Java APIs have been refined and should now be stable.
    * Continued work on the draft browser binding (JSON protocol) in the sandbox.
    * The Python subproject (cmislib) is preparing for its first release since joining the project.
    * The PHP subproject (phpclient) increased coverage of the spec, refined some of the existing functionality and updated documentation. Next steps are to begin preparations for the first release.

Signed off by mentor: nick

Chukwa

Chukwa is a distributed log collection and processing system built on top of Hadoop. Chukwa has migrated from relational database to Apache HBase 0.20.6 for data storage. New aggregation script has been built using Apache Pig 0.8 and Apache HBase 0.20.6 combination. Next steps are to begin preparations for Chukwa 0.5 release.

Signed off by mentor:

Empire-db

Apache Empire-db is a relational database abstraction layer that allows developers to take a more SQL-centric approach in application development than traditional ORM frameworks. Its focus is to allow highly efficient database operations in combination with a maximum of compile-time-safety and DBMS independence.

Project development since the last report

Last December we have finished and published release 2.0.7 that features some minor improvements and bug fixes. Currently we are working on release 2.1.0 with more significant improvements.

Issues to address in the move towards graduation and community development

After now being 2 and a half years in the incubator we have managed to successfully implement and establish the Apache development and release cycle, we have published several releases and we have received good feedback from users who are subscribed to the dev and user lists.

However during all this time, we have still not managed to get ourselves known to a wider audience and to get a significant amount of public attention, most certainly due to the fact that have not managed to work on publicity as much as on code. Also our community currently consists of only 3 active committers that are regularly contributing to the project.

For this reason questions about the future of the project and whether we will ever be able to graduate have been raised. While the remaining active committers are determined to continue their project commitment and to work towards graduation it is still unclear by which measures new committers can be won to join the project.

Hence, for the coming months answering this question and establishing the corresponding measures should be our focus. One way of answering this question could be to move this discussion to the dev list in order to find out how our subscribers feel about the status of the project. Also it might make sense to combine the user and dev lists in order to prevent subscribers from missing information and getting them more involved in the project.

Signed off by mentor: dashorst

Imperius has been incubating since November 2007.

Imperius is a rule-based policy evaluation engine based on the CIM-SPL language from
Distributed Management Task Force (dtmf.org).

Communication continues to be intermittent, there was some interest in the CIM binding.
The community is not requesting new features and the project is being used in at least a handful of projects across both academic and commercial teams.

Things to resolve prior to graduation:
* Grow the community
* Next steps and future of Imperius at Apache.
* There has been some discussions about the possibility of not successfully graduating from the Incubator. Hopefully, this can be resolved, soon.

Signed off by mentor: kevan

Jena

Jena was accepted into the Apache Incubator November 2010
([[http://mail-archives.apache.org/mod_mbox/incubator-general/201011.mbox/%3C4CEC31E4.9080401@apache.org%3E|vote results]]). It is an existing project migrating to ASF. It has a large codebase that provides a semantic web framework in Java that implements the key W3C recommendations for the core semantic web

technologies of RDF and SPARQL.

Three most important issues to address for graduation:

* Create a code base in Apache with legal clearance.
* Migrate the existing community of developers, contributors and users to the Apache infrastructure
* Create and communicate open project processes aligned to Apache

There are no issues for the Incubator PMC or ASF Board to address

Community development:

We have started to advertise the existence of Apache-hosted mailing lists and the last non-Apache release included references to these lists. Traffic on these lists has started to grow.

We are now using JIRA alongside our old issue tracker while we migrate across.

== Project development ==

Project infrastructure is now set up and tested.

The last planned, non-Apache release, was done for Jena and all the related sub-projects. This will minimise disturbance to users during code migration.

Code migration to Apache SVN will begin when a software grant for the majority of the codebase is received (from HP). We understand that HP is actively working on this.

Signed off by mentor: rgardler, snoopdave

JSPWiki

2011 January JSPWiki Incubator status report

JSPWiki has been incubating since September 2007.

JSPWiki is a JSP-based wiki program.

A few minor bugs were fixed.

No progress in the incubation process. The project still needs to
make an official Apache release.

There have been discussions about the future of JSPWiki, considering
the long "periods of silence" and the lack of progress in the incubation
process..
Different opinions were ventilated, both positive and less positive ones
with no clear outcome.
The developer list currently has ?? subscribers, no change; and the
user list has ?? subscribers.

Signed off by mentor:

Kitty

Kitty is a command-line based JMX administration and automation utility.

This month was primarily engaged in discussion about the roadmap of the project.
After presenting the project to the Los Angeles Java Users Group, the community here expressed that the utility
should not only focus on Tomcat, but should have a plugin architecture where application-specific JMX
attributes are made available by dropping in plugins in to the application.

Kitty currently doesn't have such a capability, and the kitty-dev list agrees that Kitty should head in this
direction. A document will be produced discussing how to best achieve the modular architecture, and begin
working on adding these capabilities, beginning with Tomcat 6 and Tomcat 7 plugins.

Some small code cleanup was done, and documentation will be produce on how to get started in developing for
Kitty to promote further community adoption.

Signed off by mentor: kevan

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Lucy

Lucy is a loose port of the Apache Lucene search engine library, written in C
and targeted at dynamic language users.

Lucy was voted into the Incubator on July 22, 2010.

Progress since the last report:

 * Software grant completed.
 * Assimilation of KinoSearch codebase completed (import, IP audit,
   relicensing, namespace migration).
 * Some dependencies with problematic licenses have been eliminated
   (others remain).
 * Release guide draft completed.
 * ASF branding requirements mostly addressed.
 * Website transition to new Apache CMS underway.
 * Continuous minor developments (e.g. versioning scheme hashed out, tutorial
   refactored, miscellaneous bugfixes and improvements).

Top priorities prior to graduation:

 * Disperse knowledge of codebase among developers.
 * Make a release.

Issues for Incubator PMC or ASF Board:

 * None at this time.

Signed off by mentor: mattmann, Upayavira

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Mesos

Mesos is a cluster manager that provides resource sharing and isolation across cluster applications.

Mesos entered incubation on December 23rd, 2010

This is our first report. Since entering incubation, we've done the following:
 - Filed CLAs for initial committers
 - Requested user accounts for initial committers
 - Got JIRA, mailing lists and SVN repository set up

Most important issues to address towards graduation:
 - IP clearance
 - Migrate code from GitHub to Apache SVN
 - Setting up a project website with help and documentation
 - Grow the user and developer community

Signed off by mentor: tomwhite

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Olio

Olio has been incubating since September 2008.

Olio is a web 2.0 toolkit to help developers evaluate the suitability, functionality and performance of various
web technologies by implementing a reasonably complex application in several different technologies.

Things have been fairly quiet on both the user and developer list this quarter.

Graduation From Incubation:

The user base is not showing growth. Since this is a test application/workload,
it is being used as such for short-term projects.


Signed off by mentor:
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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.

Since we last reported in December, we have completed the code import. There has been a lot of activity on the dev list, and we're filling up Jira with issues to resolve before we can release. Our users also seem to have found the way from sourceforge to Apache, as there is also activity on the user list.

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

 * Resolve potential IP issues
 * Do a release
 * Establish open regression tests

Signed off by mentor: isabel

Socialsite

(project add text here)

Signed off by mentor:

Stanbol
Stanbol is a modular software stack and reusable set of components for semantic content management.
Stanbol just entered incubation, on 2010-11-15.

Community development:
 - a group of five individuals were identified who had made substantial contributions to Stanbol, yet were omitted from the original proposal. The PPMC decided that, given that they intended to continue contributing, they would vote them in as committers.

Main activities:
 - imported code cleaning
 - OpenCalais FISE engine added

Next steps:
 - Refactor package naming
 - Check build issues
 - Make a first release
 - Make the community grow

Signed off by mentor: Upayavira

Tashi
2011-January Tashi Incubator Status Report

Tashi has been incubating since September 2008.

The Tashi project aims to build a software infrastructure for cloud computing
on massive internet-scale datasets (what we call Big Data). The idea is to
build a cluster management system that enables the Big Data that are stored in
a cluster/data center to be accessed, shared, manipulated, and computed on by
remote users in a convenient, efficient, and safe manner.

Tashi has previously encompassed just the tools to manage virtual
machines using Xen and KVM, but is gaining the facility to hand out
physical machines as well.

Development activities have included:-
        * fix for xen root declaration (necessary if using external kernel)
        * parameterize xen root disk declaration
        * implement Miha Stopar's fix to improve handoff during migration

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             * implement Miha Stopar and Andrew Edmond's patch to register and
               unregister hosts, and improve locking of resources
             * allow use of virtio disks under qemu

Richard Gass has created a branch to work on the physical machine reservation
component (zoni-dev):-
             * allow physical machine registration
             * add integration with Apache web server for control
             * add facilities for DNS/DHCP registration of physical resources
             * make changes to Zoni DB layout (convert some tables to InnoDB)
             * add initial infrastructure hardware (switch and PDU)
             * demonstrate initial VM usage reports (shame-tashi)
             * add logging to infrastructure hardware controllers
             * add abstraction layer for hardware controllers
             * add debug console to zoni
             * add DNS/DHCP key creation functions
             * add physical to virtual cluster manager service
             * add primitive agent to keep minimal amount of machines powered
               on and scale up from there
             * allow zoni-cli to talk to hardware directly

The project is still working toward building a larger user and development
community. User groups have been identified in Ireland, Slovenia and Korea,
as well as at Georgia Tech. Several suggestions provided by users at those
sites have been implemented in the head.

Items to be resolved before graduation:
             * Prepare and review a release candidate
             * Develop community diversity (currently Intel and CMU committers)

Signed off by mentor:

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VXQuery

The VXQuery Project implements a standard compliant XML Query processor. It has been in incubation since 2009-
07-06.

Recent activities:

    * progress is still slow due to the small team/community size and external commitments of the current
developers

Top issues before graduation:

    * Build community (developer and users)
    * Increase development speed
    * Create a release

Signed off by mentor:

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Wave

Wave a real-time communication and collaboration tool

Wave entered incubation on December 12, 2010.

We're currently in the process of moving to Apache infrastructure. Mailing lists and continuous build have
moved, source, issues and documentation has not. On the technical side, the Wave in a Box system needs
completed persistence and search/indexing implementations, import from Google Wave, and improvements to
protocols and documentation thereof.

Most important issues are:

 * Build website and wiki on apache.org
 * Move source and issue tracking to apache.org
 * Finish implementation of major outstanding items: persistence, search/indexing, protocols

Signed off by mentor: Upayavira
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