July2009

July 2009 Board reports (see ReportingSchedule).

These reports are due here by **Wednesday, 8 July 2009** 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

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Ace

IPMC reviews: bdelacretaz (mentor)

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

- The Software Grant is on record now, so the initial codebase was imported and work has started (packages renamed, license headers in place).
- Documentation has been migrated, entered into the official wiki, now all setup tasks are resolved.
- Accepted patches and implemented feedback from both Toni Menzel and Angelo van der Sijpt.

- Niclas Hedhman has stepped down as a mentor, and has notified the incubator PMC. Bertrand Delacretaz replied, suggesting we move on with the two remaining mentors, Bertrand and Carsten Ziegeler. See [1] and [2].

- Work has started on implementing a web based client UI for the project.

[1] http://mail-archives.apache.org/mod_mbox/incubator-general/200907.mbox/%3ccaf30e2a0907022107s6ef28a82g85acf6e9326d90db@mail.gmail.com%3e

[2] http://mail-archives.apache.org/mod_mbox/incubator-general/200907.mbox/%3cf767f0600907060146t3d951bedxd155bd1d76b3b00e@mail.gmail.com%3e

Software

- Software grant was faxed and is on record now.
- Atlassian gave us access to their open source build server Bamboo, so we now have a continuous build system in place.

Licensing and other issues

- None at the moment.

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.

During the past month, we've been still focusing on replacing FFmpeg and i forecast pretty progress in the next two months. A huge mistake, which we, shamefully, hadn't noticed all along, had been found out. It surely is acceptiable to our group, but it violates the rules of Apache. We are planning to apply for more committers and accounts to correct this mistake.

Next step:

*replacing FFmpeg;

Chemistry

IPMC reviews: jukka

Apache Chemistry is an effort to provide a Java (and possibly others, like JavaScript) implementation of the upcoming CMIS specification. Chemistry entered incubation on April 30th, 2009.

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

Community

- David Caruana has been voted in as committer and member of the PPMC.

Software

- David Caruana offered contribution of Client Test Harness

Licensing and other issues

- None at the moment.

Issues before graduation

- Stabilize the general interest into a sustainable development community
- Make sure that all licensing details conform with Apache policies
- Create an Apache release of the Chemistry codebase

Empire-db

Empire-db is a relational data persistence component that aims to overcome the difficulties, pitfalls and restrictions inherent in traditional Object Relational Management (ORM) approaches. Empire-db is on the Apache Incubator since July 2008.

Recent activities:

Following a rather quiet period in April and May development activities have significantly improved in June and July. The main goal of the development team was to finally complete the release of the Empire-db-2.0.5 release including Maven project management. After an internal deadline had been set for code modifications, release permissions for the staging repository had to be acquired which took some extra time. It is our goal to finally complete staging and start voting on the release candidate within the next few days.

Community aspects:

Recently code submissions from outside the current development team were received by users from different countries and backgrounds. The submissions are currently under review and are under consideration for an upcoming release. Another user offered his assistance in keeping project dependencies to Struts2 up to date. This gives us reasons to believe that the community is growing and demand for Empire-db is rising.

Imperius

Imperius has been incubating since November 2007.

Imperius is a rule-based policy evaluation engine

Web site:

Code: Development and bug fixes continue on the code base.

Community: Several key bugs were fixed, two new committers were added to the community. Size and diversity of the community has not been improving as expected.

JSPWiki

IPMC reviews: jukka

JSPWiki has been incubating since September 2007.

JSPWiki is a JSP-based wiki program.

During the past three months, the JSPWiki community has not increased significantly. The developer list now has 83 names, one more than the last time, and the user list is now 178 people strong, eleven more than three months ago.

We are completing the checklist on the graduation, but things have slowed down due to developers taking time on personal issues - some get married, some get children, some just enjoy holidays. JSPWiki is still fully a volunteer project, which shows. The checklist is kept in JIRA, at http://is.gd/1qkV8

Most of the checklist items are of practical nature rather than real showstoppers; there is some uncertainty as to when things can be called "done".

The development of the 3.0 still continues in the SVN, albeit at a reduced speed due to the aforementioned issues.

Lucene.Net

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.

Olio voted a new committer, Amanda Waite.

Olio made its first release, Olio-0.1. Being a complex piece of software with many third party dependencies and multiple languages, this was a major task.

Olio is continuing to gain users and being used for diverse purposes. There are 28 subscribers to the user list and 26 subscribers to dev. There are over a hundred JIRA issues filed, and continuous activity toward closing them.

The Java implementation for Olio has been checked into the repository, joining the Rails and Php implementations.

Graduation From Incubation:

Diversity of committers is the primary issue with the project, with all of the active developers coming from three organizations.

RCF

Sanselan

IPMC reviews: jukka

Sanselan has graduated to a sub-project of Apache Commons. This will be the last report in the incubator.

Active committers on the project have been voted committer status in Commons. The project infrastructure (mail lists, repository, and web site) are being migrated to Commons.

Shiro

Apache Shiro is a powerful and flexible open-source application security framework that cleanly handles authentication, authorization, enterprise session management and cryptography.

Apache Shiro has been incubating since June 2008.

* Due to potential naming conflicts with the previously chosen name of 'Ki', the

ASF community at large helped us change our name to 'Shiro'. This was a large collaborative effort that really showed the power of the Apache Way and resulted in a name with which a large majority of people were content.

* Project infrastructure has been switched over to support this name change and all seems to be running well. We have yet to properly configure Hudson for continuous integration builds, but that should be done shortly. The new CWIKI space is available here: http://cwiki.apache.org/confluence/display/SHIRO
* The name change also affords us to start publishing incubator Maven snapshot builds which will help foster adoption to all Maven end-users (which there are many).
* We're very happy to report that the the name change and community support resulting

from it have allowed the development team to return focus to developing the framework and resolving issues rather than spending time on name-related administrative issues.

The project team is not considering graduation at this point, as the code is not ready for an Apache release. Once IP clearance is complete, and Mavne snapshots are working, we'll attempt our first incubator release.

The status is being maintained at http://svn.apache.org/repos/asf/incubator/shiro/STATUS

Socialsite

Tashi

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.

Development activities have included adding a locality and layout service, integrating metrics into ganglia for monitoring, more complicated network isolation support, and preliminary code for the purpose of communicating with Maui, a cluster scheduler. Additionally, the documentation has been enhanced on the project webpage.

The project is still struggling to grow a substantial user community, but there are several active contributors. We are looking forward to the opportunity to present our work with PRS and Hadoop at SC'09 [1]. In addition, Tashi is deployed at Intel's [OpenCirrus] [2] site where it has more than 20 users. It is also being installed at CMU's [OpenCirrus] site.

Items to be resolved before graduation:

- Prepare and review a release candidate
- Develop community diversity (currently Intel and CMU committers)

[1] http://scyourway.nacse.org/conference/view/tut168

[2] http://opencirrus.org/

Thrift

IPMC reviews: Upayavira

Thrift is a software framework for scalable cross-language services development. It combines a software stack with a code generation engine to build services that work efficiently and seamlessly between a variety of programming languages. Thrift entered the Apache Incubator in May 2008.

Recent Activity of Note:

- Have created RC1 and RC2 for our 0.1 release, still waiting on votes to finalize RC2
  - Next step after approval is to present to the Incubator PMC
- Esteve Fernandez and Alexander Shigin both received passing votes for committership!
- Progress made on non-blocking C++ server
- New language support for compact protocol
- Work started on an ActionScript generator
- Java configuration/install process improved
- Simplified compiler installation process via dependency removal
- More in-depth comparative analysis of Thrift vs. similar serialization platforms

Biggest next step for considering graduation is getting the release out successfully. Licensing issues all seem to be in good shape with no legal issues.

UIMA

IPMC reviews: jukka

UIMA is a component framework for the analysis of unstructured content such as text, audio and video. UIMA entered incubation on October 3, 2006.

Some recent activity:

- We're happy to report that Jukka Zitting has taken an interest in UIMA and is trying to egg us along towards graduation.
- We're planning another release this summer, and are thus currently trying to get the code and build process in shape.
- The CAS Editor was moved from the sandbox to our core Eclipse-based tooling.
- A lot of activity hardening the Asynchronous Scaleout component, getting it ready for release as well.
- A newly donated annotator component, the Configurable Feature Extractor, entered the sandbox
- The Concept Mapper annotator component received a major update (also in the Sandbox)

Items to complete before graduation:

- We still need to attract more new committers with diverse affiliations. We have recently seen some activity in that direction and hope we're on a good way.

Wink

Apache Wink is an incubating 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. Wink has been incubating since May 2009.

Notable activity in the Wink project:

- Source base selected: Both IBM and HP contributed JAX-RS-based runtimes to the project. To get things rolling, one had to be selected as the basis of the trunk. After some discussion, the decision was to go with the HP runtime due to its maturity (runtime has been worked for at least 2 years) over the IBM code and the richness of features.
- JAX-RS 1.0 compliance: There was work done to get the JAX-RS 1.0 TCK up and running with Wink. Thanks to Dan Kulp from CXF for reaching out and helping the team get that working. Michael Elman led an effort to get the necessary JIRAs opened and addressed. In short order, we became JAX-RS 1.0 compliant on the new source base.
- 58 JIRAs opened in a little over a month's time. Some of the were related to the JAX-RS 1.0 work. Others have been related to issues surfaced as the test bucket that IBM contributed has been ported over along with issues for making sure the runtime is Apache branded.
- Build automation was setup via Hudson with snapshot builds being updated in the maven repository.

Things to resolve prior to graduating:

- Need to create the first formal release after some JIRA issues are finished and some more ported tests are complete
- Need to grow the user based community