March2010

March 2010 Board reports (see ReportingSchedule).

These reports were due here by **Wednesday, 10 March 2010** 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.

Aries

Aries will deliver a set of pluggable Java components enabling an enterprise OSGi application programming model.

Aries entered incubation on September 22, 2009.

There are currently no issues requiring IPMC or Board attention .

The following sub-components are actively being developed:

- Application
- Blueprint
- JMX
- JPA

Several new sample applications have been developed to demonstrate the Aries functionality.

A new component has been created to feed experience into the OSGi standards process.

There has been a lot of activity on the mailing list this year indicating a vibrant community is being built.

One new committer, Rex Wang, has been added. Redhat have started to participate in the project.

We have begun the process of doing a 0.1.0 release and aim to release shortly.

Top 2 or 3 things to resolve before graduation:

- Build community
- Create a release
- Address project scope concerns raised during acceptance vote

Signed off by mentor: kevan

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.

The team are just back from home. We are thinking about how to improve RealClass in this semester. And we will carry on the discussion in mailing list later on.

Signed off by mentor:

Clerezza

Clerezza (incubating since November 27th, 2009) is an OSGi-based modular application and set of components (bundles) for building RESTFul Semantic Web applications and services.

The are currently no issues requiring board attention.

Recent activity:

- IFP smushing (merge duplicate nodes based on inverse functional properties)
- Replaced code with problematic license in triaxrs (url-encoding)
- Fixed problems with TDB based launcher (regression after update of Jena TDB cause by incomatible versions)

- more complete HTTP support (OPTIONS *)
- Integration with UIMA for metadata generation using external services like OpenCalais and AlchemyAPI
- Many bugfixes
- Discussing about Clerezza related project(s) for GSoC

Next steps:

- integration with Tika

Top 2/3 Issues before graduation:

- Get our website online, currently it's just a placeholder
- Prepare some easy-to-run demos to get people interested in Clerezza
- Prepare for a first release

Signed off by mentor: bdelacretaz (champion)

ESME

Enterprise Social Messaging Experiment (ESME) is a secure and highly scalable microsharing and micromessaging platform that allows people to discover and meet one another and get controlled access to other sources of information, all in a business process context.

ESME entered the incubator in 2008-12-02.

The following items have been performed since the last reporting period

- Ethan Jewett was accepted as an Apache committer.
- Completion of our first release (1.0 RC1) was our main focus. This included getting the code-base release-ready, learning how to cut releases and communicating on release goals / process within the community.
- Dealt with a legal issue involving a committer not wanting to remove copyright information. Solved after long discussions on the apache-legal and esme-dev mailing lists (thanks to all involved!)
- Started working on defining the JIRA items for the next release
- Collaboration with various Apache-external groups (Thingamy, SAP's All-In-One)
- Users from various enterprises are using ESME in test installations

The following items are planned for the next reporting period:

- Work on new UI
- Further releases
- Integrate Stax deployment in daily Hudson builds

Top 2 or 3 things to resolve prior to graduation

- Increase community involvement in the project
- Multiple Apache releases

Signed off by mentor: gianugo, bdelacretaz

Etch

Etch was accepted into Incubator on 2 September 2008.

Etch is a cross-platform, language- and transport-independent framework for building and consuming network services. The Etch toolset includes a network service description language, a compiler, and binding libraries for a variety of programming languages.

This last reporting period saw little activity (0 commits, 0 releases). We're finding it hard to regain our momentum after the dissolution of our team. James and Scott are using etch in their current projects, and Youngjin would like to pick up the c-binding. What we lack is the organizational energy to get things moving.

Some folks have submitted a c-binding for us to examine. Youngjin is going to be looking at it. I've been shaking down the etch 1.1 release candidate in my current project, and as soon as I can get my head out I plan to fix the final administrative issues of the 1.1 release and try to kick it out the door.

Release 1.1 is ready but needs some administrative polish before it is *done*.

Release 1.2 is next in the pipeline.

Our continuous integration build problem will only be solved by one of us hosting it at our new gigs. James and Scott are looking into this. [! GavinMcDonald adds: I'm looking into adding Etch to CI stuff at ASF]

Outstanding items:

More community.. we have been Cisco-centered with just a few nibbles outside of Cisco. Things are definitely changing with members employed or so to be employed in different places. Building a stronger community remains our key task. We wish we knew how.

Signed off by mentor: GavinMcDonald

Hama

Hama has been incubating since 19 May, 2008. It is a distributed scientific computational package based on Hadoop Map/Reduce and BSP.

Recent Activity:

- We'd implemented, introduced the BSP (Bulk Synchronous Parallel) package
- Added a new committer, Hyunsik Choi

The following is planned for next reporting period:

- More documentations
- Re-factoring for improving the design of existing code

Before this project can graduate we need to encourage more participation in the project and grow the community.

Signed off by mentor: brett

Kato

Kato was accepted into the Incubator on 6 November 2008.

Kato is a project to develop the Specification, Reference Implementation, and TCK for JSR 326: the JVM Post-mortem Diagnostics API

Recent Activity:

- The project's first release M1-incubating was finally released.

The following is planned for next reporting period:

- The completion of the JSR-326 specification.
- Finalization of RI and JSR.

Before this project can graduate we need to encourage more participation in the project and grow the community.

Signed off by mentor:

Robert Burrell Donkin, ant

Log4php

Log4PHP is a logging framework similar to Log4J, but in PHP. The project entered incubation in 2004, retired and restarted again on 2007-07-04. After the first release, community feedback has increased.

The Log4PHP Community and the Logging PMC voted in favour of leaving the Incubator and moving to the sponsoring Logging project. This has just been confirmed with a vote by the IPMC, so Log4PHP has graduated!

There are still some resource moves etc that need to happen, but expect that future Log4PHP reports will now come as part of the Logging report. Congrats Log4PHP devs.

- Bugfixes on 2.0.0 has been done
- Several new ideas of improvements have been collected in the issue tracker
- Apache Log4PHP 2.0.0 (Incubating) has been released on 12.12.2009

Signed off by mentor: GavinMcDonald

Lucene Connector Framework

Description

Lucene Connector Framework is an incremental crawler framework and set of connectors designed to pull documents from various kinds of repositories into search engine indexes or other targets. The current bevy of connectors includes Documentum (EMC), FileNet (IBM), LiveLink (OpenText), Patriarch (Memex), Meridio (Autonomy), SharePoint (Microsoft), RSS feeds, and web content. Lucene Connector Framework also provides components for individual document security within a target search engine, so that repository security access conventions can be enforced in the search results.

Lucene Connector Framework has been in incubation since January, 2010.

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

1. End-user documentation needs to be converted into a usable form
2. Strategy is needed for developing an Active Directory authority service, for mapping Kerberos principals to AD SIDs
3. Testing strategy under Apache needs development

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

1. We'd like to know whether there is any official Apache position on inclusion of NTLM implementations in ASF projects, since we've gotten mixed signals on this from other developers. This represents a crucial piece of functionality needed to support LiveLink, Meridio, SharePoint, RSS, and Web connectors properly.

How has the community developed since the last report?

So far, most of the activity has been from the mentors and the committers, but given the nascent state of the project this is not surprising, and we expect interest to continue growing.

How has the project developed since the last report?

Lucene Connector Framework was voted into the Incubator in January 11, 2010. The following has been done since then:

- Mailing lists set up
- Site created
- SVN area set up
- Code grant from MetaCarta accepted in early February, including Apache 2.0 headers on all pertinent files, and was committed to SVN at that time
- An ant build system for the Java code was created and tested
- Code was MetaCarta de-branded
- Code was formatted in accordance with Apache standards
- Issues related to upstream propagation of features into other Apache projects were opened
- Documentation for building and hand setup was committed At this point the project is buildable and usable.

Signed off by mentor: Grant Ingersoll, Jukka Zitting

OODT

Description

OODT is a grid middleware framework for science data processing, information integration, and retrieval. OODT is used on a number of successful projects at NASA's Jet Propulsion Laboratory/California Institute of Technology, and many other research institutions and universities.

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

1. Port OODT code and license headers into ASF license headers
2. OODT contributions from at least 2 other organizations besides JPL
3. At least one OODT incubating release, hopefully in the first few months

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?

So far, most of the activity has been from the mentors and the committers, but we expect interest to continue growing. Chris Mattmann has been mentioning OODT over in the Lucene community.

How has the project developed since the last report?

OODT was voted into the Incubator by the IPMC on January 22, 2010.

All mailing lists have been set up, all SVN accounts are up, and karma has been granted to all OODT committers. So far, three OODT committers have stepped up and begun to discuss issues on the mailing lists, and tackle some issues. Sean Kelly and Chris Mattmann worked with Joe Schaefer and Justin Erenkrantz to get the OODT initial code drop from NASA into Apache SVN. As of OODT-1 and OODT-2, the work is completed on the initial code drop. Sean McCleese has been pouring through OODT-3, taking the action to update the OODT source code with ASF 2.0 license headers. Chris Mattmann took care of some of the initial work, checking in a README, NOTICE, CHANGES and LICENSE set of files into the OODT source.

Signed off by mentor: jerenkrantz, rgardler

RAT

No IPMC or Board issues requring attention.

RAT remains quiet but steady. A major PITA of the website not building correctly was solved by Brian Fox. Some Jira issues were attended to and patches committed. More and more projects are using RAT for their checks, some adding as a Maven goal before doing a release, others via Buildbot or other CI tools as part of their commit and check process.

Signed off by mentor: rgardler

River

River is aimed at the development and advancement of the Jini technology core infrastructure. Jini technology is a service oriented architecture that defines a programming model which both exploits and extends Java technology to enable the construction of secure, distributed systems which are adaptive to change. River has been incubating since December 2006.

Interest and participation has increased and we are hoping to pick up some new committers as a result. A new release candidate has been submitted and is available for review at:

http://people.apache.org/~peter_firmstone/

The source is also available from svn at:

https://svn.apache.org/repos/asf/incubator/river/jtsk/branches/2.1.2

We are currently in a voting period for Apache River Incubator Release 2.1.2.

Recent activities have focused on easing development and streamlining the build process and a significant number of bugfixes.

Issues before graduation:

- Migrate packages to org.apache.river
- Increasing participation, further growth of the developer community.

Signed off by mentor: Jukka Zitting

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.

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

1. Inclusion of more of a diverse community around SIS (maybe one more organization besides AT&T Interactive and NASA JPL)
2. At least one SIS incubating release, hopefully in six months
3. Inclusion of point-radius, bounding box and polygon functionality into the first few releases

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?

There was a lot of positive interest from the Incubator community during the SIS proposal and voting process. We recently stood up our mailing lists and have begun to report JIRA issues, so we hope those are positive first steps to building an Apache-based community. Chris Mattmann discussed SIS over in the Lucene community as something to watch in terms of a common place for spatial code for Solr and Lucene to reside.

How has the project developed since the last report?

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

All mailing lists have been set up, all SVN accounts are up, and karma has been granted to all SIS committers. Sean McCleese and Patrick O'Leary volunteered to be list moderators, and Chris Mattmann has reported two JIRA issues, SIS-1 (import Local Lucene code), and SIS-2, stand up the SIS website. We will also begin work soon on porting the license headers for Local Lucene into SIS ASL 2.0 headers, and to port the package names for code (JIRA issues to be filed on this).

Signed off by mentor: IanH, kevan, greddin