

May2010

May 2010 Board reports (see [ReportingSchedule](#)).

These reports were due here by **Wednesday, 12 May 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.
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BeanValidation

Apache Bean Validation will deliver an implementation of the JSR303 Bean Validation 1.0 specification. BVAL entered incubation on March 1, 2010.

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

First release of artifacts. Grow the community and committer base.

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

None at this time.

How has the community developed since the last report

The community has been focused on resolving TCK failures, with lots of help coming from contributor Carlos Vara. Apache OpenJPA trunk is now using our artifacts as their default provider for Bean Validation testing. Two other projects (one at the ASF) have mentioned they are using our artifacts instead of Hibernate.

How has the project developed since the last report

Confluence is setup as our website and has been fully populated. SNAPSHOT artifacts are being published to repository.apache.org. TCK testing is being run by 3 or 4 committers and contributors.

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.

We are still waiting for Bill to check the completeness of the release candidate. Things we've done recently:

- Coding to optimize DTU structure, still under going;
- Testing IPv6 and satellite module;

One thing left to the first release:

- cast release vote in general list.

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. There are currently no issues requiring board attention.

Recent activity:

- Updated to the latest Felix framework (including security features)
- Improved typerendering with regex-pattern and renderlets for literal types
- Update to TDB 0.8.5

- Presented Clerezza at the Apache Retreat
- Manuel Innerhofer participated in the IKS FISE hackathon (<http://wiki.iks-project.eu/index.php/FISE>), Clerezza modules are used in FISE.

Next steps:

- Enhance UIMA integration
- Integration with Tika

Top 2/3 Issues before graduation:

- Improve our website with tutorials and "getting started" content.
- Prepare some easy-to-run demos to get people interested in Clerezza.
- Prepare for a first release

Signed off by mentor: bdelacretaz (champion)

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.

What we've completed in the last months:

- new elected committers: Bertil Chapuis and Richard Frovarp;
- the community has organized a community day to fix nearly all open tickets with patch
- release preparation are under going

Issues before graduation :

- Do a release
- IP clearance

Signed off by mentor:

Libcloud

Libcloud is a unified interface into various cloud service providers, written in python. Libcloud joined the Incubator on November 3rd, 2009.

We're on the cusp of pushing 0.3.2 out the door, with our last release 0.3.1 on 10 May 2010.

Over the past few months we have:

- Added driver support for new providers: Dreamhost, Eucalyptus, Enomaly ECP, IBM Developer Cloud, and SoftLayer
- Improved multi-threaded handling in Rackspace and RimuHosting
- Created deployment and bootstrap API
- Expanded test coverage
- Augment documentation

We look forward to further improving documentation and lowering the barrier to entry with tutorials and a guide for writing drivers. We will continue to add providers and keep the library updated with providers' changes.

Signed off by mentor: ant

Lucene Connector Framework

Description

Lucene Connectors 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 Connectors 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 Connectors 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 conversion to usable form needs to be completed; this is probably the biggest obstacle to developing a broader community at this point 1. Javadoc and nightly builds need to be set up 1. The first official release needs to be planned and executed

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?

There's been a significant amount of discussion pertaining to the LCF document security model, it's advantages and disadvantages. Offers of assistance and advice abound. A non-Apache code submission has even been made.

How has the project developed since the last report?

Preliminary security integration with Solr has been tackled. Online end-user documentation is coming along and is perhaps 60% complete. Scripts have been written to make using LCF easier for the less experienced integrator.

Signed off by mentor: Grant Ingersoll, [GianugoRabellino](#)

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?

Chris Mattmann mentioned OODT as a possible extension for Whirr, proposed by Tom White in the Incubator. We had some [input from Justin regarding](#) progressing on [OODT-3](#), and leveraging tools like RAT to do the license checking and verification needed to close out the issue. Much of the other activity continues to be from the mentors and committers.

How has the project developed since the last report?

OODT was [voted into the Incubator by the IPMC](#) on January 22, 2010.

Development over the last month has centered on [OODT-3](#) (cleaning up the OODT code and config license headers), with contributions from Sean McCleese, and on [OODT-15](#) (one top-level build for OODT, and one trunk, tags and branches). [OODT-15](#) in particular included some community discussion and a lazy consensus to move forward. Chris Mattmann is nearly complete on this reorganization, which, coupled with [OODT-3](#) should provide for a great 1st incubating release along with some documentation transferring and getting the website up and running ([OODT-16](#)), which Sean Kelly has volunteered to spearhead.

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.
- Issues before graduation :
 - [PhotArk](#) started as a project with no initial code-base, and we have grown the community to the minimal 3 independent committer size required for graduation and have been seeing slow but continuous interest in the project. We might be soon in a position to discuss graduation if others don't see an independent, active but small community as an issue.
- Suhothayan Sriskandaraj has been voted as Committer for Apache [PhotArk](#)
- The [PhotArk](#) community continues to make good progress code wise
- Three project ideas has been accepted for GSoC 2010 program
- [PhotArk](#) M2 release is under review.

Signed off by mentor: Iresende, martinc

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?

Not at this time

Community progress since the last report

Chris Mattmann, Patrick O'Leary and Kevan Miller participated in a meeting with [ESRI](#) who may be interested in participating within the project within some capacity. This would be a huge win as ESRI is one of the major industry leaders in the development of GIS software, with connections to standards bodies including the Open Geospatial Consortium (OGC). Much of the other activity continues to be from the mentors and committers.

Project progress since last report

SIS was [voted into the Incubator by the IPMC](#) on February 21, 2010.

Chris Mattmann is working on refactoring the [LocalLucene](#) code into the SIS codebase ([SIS-3](#)) and work continues on creating the SIS incubator website ([SIS-2](#)), with Sean McCleese leading the charge. Patrick O'Leary is investigating map projections and coordinate systems including transformations to Polar coordinates which should help on the observational data side.

Signed off by mentor: greddin, kevan

Stonehenge

Stonehenge has been incubating since December 2008. Stonehenge is a set of example applications for Service Oriented Architecture that spans languages and platforms and demonstrates best practices and interoperability by using currently defined W3C OASIS standard protocols.

Since the last report in February 2010, the Stonehenge project has intensified its efforts around interop testing between the M2 implementation of the claims-based security model extension to the Stock Trader implementations. Testing between .NET, Axis2/Java and Metro/Glassfish implementations have uncovered various bugs and were subsequently corrected in the web services library and the application code.

M2

M2 constituted of expanding the Stocktrader application to use claims-based authentication using an active and a passive STS for each implementation. We also upgraded the usage of the WS-* specs from the submitted versions to the ratified one. Extensive documentation work was done in parallel to describe the new feature set and simplify the installation and configuration process.

In our last report we were preparing to vote for M2, unfortunately the testing efforts are still underway and we continue to find issues that we hope to resolve in the near future. We are currently investigating which if any products or implementations are holding us up from releasing and addressing them in an effort to release a stable version to our users.

M3

A proposal has been submitted for creating "micro samples" for many common WS-* scenarios, with the goal being around creating implementations with low barriers to entry. The proposal can be found at <https://issues.apache.org/jira/browse/STONEHENGE-121>. The community is anxiously awaiting the release of M2 so that we can get started on this project with hopes that releases can be made on a more frequent basis.

Graduation Map

- Grow community around new claims based stocktrader implementations just added
- More thorough documentation that empowers developers to replicate interoperability scenarios demonstrated
- Demonstrate full interoperability between existing components, and release

Signed off by mentor:

Thrift

Thrift has been discussing what is required for it to move forwards - most notably in relation to releases. While many developers work off their own branches, and therefore do not require or need formal releases, they do accept the need for releases. As a way to encourage releasing, a proposal was made to have a release manager. As a result of this suggestion, Bryan Duxbury was voted in as the Thrift release manager, and is intending to take on regular releases.

One-off report from Upayavira

Signed off my mentor: Upayavira

VCL

VCL has been incubating since December 2008. VCL is a cloud computing platform for the management of physical and virtual machines.

Community Involvement

- As stated in the previous report, the Apache VCL community continues to grow. We're seeing more and more people start to contribute to our online documentation and file JIRA issues.
- A few people from the community have been contacted by PPMC members encouraging them to become more involved in the project.
- We continue to see people from new locations asking questions on the vcl-dev list which shows that interest in VCL is continuing to grow.
- Interest from the community to have support for a more recent version of VMWare Free Server drove the decision to swap that feature (originally slated for VCL 2.3) with cluster reservation improvements (originally slated for VCL 2.2).

Plans for next Release

- We hope to have our next release out by the end of June. This would be 1/2 the time it took to get our previous release out. We hope to continue to shorten the time between releases as we move forward.

Documentation

- Migration of official documentation to our second Confluence space has started. The next step is to pick an autoexport template, and then set up a cronjob to copy the autoexported content to our official documentation location.

Top Issues Before Graduation

- Continue to increase contributors from multiple institutions

Signed off by mentor:

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:

- In the middle of a Wink 1.1 release. A few license issues were resolved in the incubator regarding dual licensing. More bug fixes and JAX-RS 1.1 changes for the non-Java EE 6 integration pieces were added.
- Did some initial OSGi work. Looking for feedback here to see where to expand.
- Some work done to improve the syndication models.

Planned Activity:

- Continue the release

Top issues before graduation:

- Build community

Signed off by mentor: kevan

Wookie

No issues currently require IPMC or Board attention

Notable activities:

- Voted raider in as a committer
- Core W3C Widget parser has been split off into a standalone library for use in other applications
- Implemented a connector framework to support developers building plugins to add Wookie support to their applications. Versions created for Java, C#, Python and PHP
- Implemented the W3C Widgets Access Request Policy candidate recommendation: see <http://www.w3.org/TR/widgets-access/>
- Work progressing on implementing the W3C Widget Updates draft specification: see <http://www.w3.org/TR/widgets-updates/>
- JIRA Activity continues to grow
- Interest from Android community in porting the Wookie parser library
- Fixed Shindig integration

Items to be resolved before graduation:

- Remove GPL dependencies
- Create a release
- Develop community

Signed off by mentor: