Log4cxxProposal

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Proposal

Apache log4cxx is a subproject of Apache Logging Services. It is a logging framework for C++ patterned after Apache log4j. Apache log4cxx uses Apache Portable Runtime for most platform-specific code and should be usable on any platform supported by APR.

The current website is visible at: http://logging.apache.org/log4cxx/

The original developers of the project went inactive and the project was not maintained for quite a while. The Logging PMC thought about moving the project to the attic but a few users were objecting.

This proposal is to create a new community around Log4cxx.

Rationale

Currently Log4cxx appears to be pretty stable without many competitors. It has a small but dedicated user base.

Current Status

Meritocracy

Log4cxx was developed at the Apache Software Foundation. Its SVN history reaches back to 2003 but there was even previous development on CVS. While the interested developers were not involved in the past efforts there is consens that Apache Logging Services is the best place for the future development of Log4cxx.

Alignment

Goal of the incubation is to reboot the community around log4cxx.

Known Risks

Orphaned Products

With six interested developers and one of them being a committer to Apache Logging Services the risk can be considered low.

Inexperience with Open Source

One of the committers is already committer to Apache Logging. The others were already subscribed to the mailing list and actively participating on the discussions.

Homogeneous Developers

The list of initial committers are geographically distributed across the world with no one company being associated with a majority of the developers.

Reliance on Salaried Developers

None of the initial committers is paid to develop code for this project. However it has been expressed that the framework is in use at the companies of the developers. CCLAs will be submitted were relevant.

Relationships with Other Apache Products

So far no other Apache products are known which use Log4cxx. Apache Log4j was the prototype for creating Log4cxx.

An Excessive Fascination with the Apache Brand

n/a. Log4cxx was developed at the ASF.

Initial Source

The initial source was developed at the ASF and has already a clean IP and is distributed with AL 2.0.

Source and Intellectual Property Submission Plan

The source code is available here: https://svn.apache.org/repos/asf/logging/log4cxx

External Dependencies

None.

Cryptography

The project does not handle cryptography in any way.

Required Resources

We would like to use the already existing mailinglists: http://logging.apache.org/log4cxx/mail-lists.html

We would like to move the source code folder from: https://svn.apache.org/repos/asf/logging/log4cxx

to: https://svn.apache.org/repos/asf/incubator/log4cxx

Issue tracking:
We would like to use: https://issues.apache.org/jira/browse/LOGCXX which already exists.

We would like to move the current website to: http://incubator.apache.org/log4cxx/
As the main Logging site is created with the Apache CMS, we would like to establish a similar process for log4cxx.

Initial Committers

Names of initial committers - in alphabetical order - with current ASF status:

- Florian Seydoux <florianseydoux@gmail.com> (ICLA signed)
- chand priyankara <chand@engineering.com> (ICLA signed)
- Nick Williams <nickwilliams@apache.org> (Apache Logging Committer)
- Thorsten Schöning <tschoening@am-soft.de>
- Rhys Ulerich <rhys.ulerich@gmail.com> (ICLA signed)
- Joseph Southwell <joseph@southwell.org> (ICLA signed)
- Alexandru Zbârcea <zbarcea.a@gmail.com> (ICLA signed)

Sponsors

Champion

- Christian Grobmeier <grobmeier at apache dot org> (Member)

Nominated Mentors

- Christian Grobmeier <grobmeier at apache dot org>
- Scott Deboy <sdeboy at apache dot org>

Sponsoring Entity

- Apache Logging PMC