[tac] Project Contribution Proposal: OpenCue

- Name of the project (existing or proposed): **OpenCue**

- Requested project maturity level (select one): **Incubation**

- Project description (please describe the purpose and function of the project, its origin and its significance to the ecosystem):

  OpenCue is Sony Pictures Imageworks recently open-sourced render manager (formerly named Cue 3). It has been developed and used at Sony over the past 15 years to schedule and manage tens of thousands of shots over hundreds of projects.

- Please explain how this project is aligned with the mission of ASWF?

  OpenCue provides a Python based, fully scriptable tool for artists and studios that want a fully featured render manager. Render, simulation, composite and other pre-flight/post-flight jobs that require compute processing are a critical part of VFX & Animation creation and OpenCue provides a product which has been developed and used in production successfully at scale (over 150,000 simultaneous cores run so far in a hybrid environment).

- What is the project's license for code contributions and methodology for code contributions. ASWF maintains recommendations for contribution and licensing for hosted projects.

  Project is made available under Apache 2 license.

- What tool or platform is utilized for source control (GitHub, etc.) and what is the location (e.g. URL)?

  GitHub

  github.com/imageworks/OpenCue

- What are the external dependencies of the project, and what are the licenses of those dependencies?
  - ActiveMQ - Apache - https://github.com/apache/activemq/blob/master/LICENSE
  - Apache Velocity - Apache - http://velocity.apache.org/engine/2.0/license.html
  - AssertJ - Apache - https://github.com/joel-costigliola/assertj-core/blob/master/LICENSE.md
  - Commons Lang - Apache - https://github.com/apache/commons-lang/blob/master/LICENSE.txt
  - Enum34 - BSD - https://github.com/certik/enum34/blob/master/enum/LICENSE
  - Flyway - Apache - https://flywaydb.org/licenses/flyway-community
  - Futures - PSF - https://github.com/agronholm/pythonfutures/blob/master/LICENSE
  - gRPC - Apache - https://github.com/grpc/grpc/blob/master/LICENSE
  - GSON - Apache - https://github.com/google/gson/blob/master/LICENSE
  - Guava - Apache - https://github.com/google/guava/blob/master/COPYING
  - JavaMail - CDDL - https://javaee.github.io/javamail/LICENSE
  - JDOM - Apache - http://www.jdom.org/docs/faq.html#a0030
  - JUnit - EPL - https://junit.org/junit4/license.html
  - OpenTable Embedded PostgreSQL - Apache - https://github.com/opentable/otj-pg-embedded/blob/master/LICENSE.txt
  - Pexpect - ISC - https://github.com/pexpect/pexpect/blob/master/LICENSE
  - PostgreSQL - PostgreSQL license - https://www.postgresql.org/about/licence/
  - Protobuf - BSD - https://github.com/protocolbuffers/protobuf/blob/master/LICENSE
  - psutil - BSD - https://github.com/giampaolo/psutil/blob/master/LICENSE
  - PySide - LGPL - https://wiki.qt.io/Qt_for_Python
  - PyYAML - MIT - https://github.com/yaml/pyyaml/blob/master/LICENSE
  - Quartz Scheduler - Apache - http://www.quartz-scheduler.org/overview/license.html
  - SimpleJSON - MIT - https://github.com/simplejson/simplejson/blob/master/LICENSE.txt
  - Six - MIT - https://github.com/benjaminp/six/blob/master/LICENSE
  - Spring Boot - Apache - https://github.com/spring-projects/spring-boot/blob/master/LICENSE.txt
  - Spring Framework - Apache - https://github.com/spring-projects/spring-framework/blob/master/src/docs/dist/license.txt

- What roles does the project have (e.g. maintainers, committers?) Who are the current core committers of the project, or which can a list of committers be found?

  The project has Committers. The current list of committers can be found in the repository's CODEOWNERS file. We currently maintain only root-level committers who oversee the entire codebase, but this mechanism could be used in the future to divide the codebase into areas of responsibility.

Guidelines for getting code approved: who can approve it, how many approvals are needed, etc. are outlined in [the repository's CONTRIBUTING file](). Where possible these guidelines are enforced via settings on the GitHub repository.

The project also has a Technical Steering Committee (TSC). The TSC makes higher-level decisions guiding the project in the medium- and long-term, and can approve code changes in the absence of a Committer.

- What mailing lists are currently used by the project?

  opencue-users@googlegroups.com - general forum/discussion group

  opencue-dev@googlegroups.com - developers discussion group

  opencue-admin@googlegroups.com - invite-only administrative list

- What tool or platform is leveraged by the project for issue tracking?

  Github issues. https://github.com/imageworks/OpenCue/issues

- Does the project have a Core Infrastructure Initiative security best practices badge? Do you foresee any challenges obtaining one? (See: https://bestpractices.coreinfrastructure.org)

  We don't currently. We don't see any challenges other than the work to actually do it (not unlike the other projects -- get a static analyzer set up, etc). There are issues to look into with some of the security concerns that might actually apply to OpenCue, being a client/server application, that simply weren't applicable for something like OCIO (which is just a library, no client/server, no web, no remote access, no passwords or encryption).

  We can start following this issue and preparing for compliance.

- What is the projects website? Is there a wiki?

https://github.com/imageworks/OpenCue/wiki

Opencue.io has also been secured as a domain where documentation is being prepared to be hosted

- What social media accounts are used by the project?

N/A currently

--

Todd Prives |prives@google.com | 857-498-0184

_._._._'_

Links:

_._._._'_