

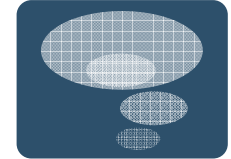


OPENCHAIN

Second Meeting 9/16/14

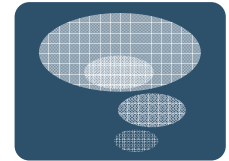
OpenChain

Agenda for Second Call - 9/16/14



- Roll Call – 5 mins
- Achievable Goals – 10 mins
- Open Source Review Framework Discussion (Yixiong Zou, Qualcomm Technologies) – 30 mins
- ISO 19600 (Joseph Potvin, Opman Company) – 10 mins
- Training Materials – subject to available time
- Proposed topics – 5 mins

Intro – Software Test Framework



General Concept – Conformance Testing

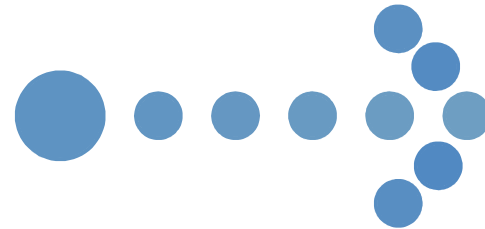
Test Suite 1



Test Suite 2

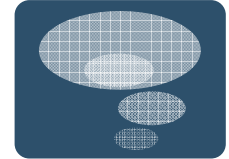


Test Suite 3

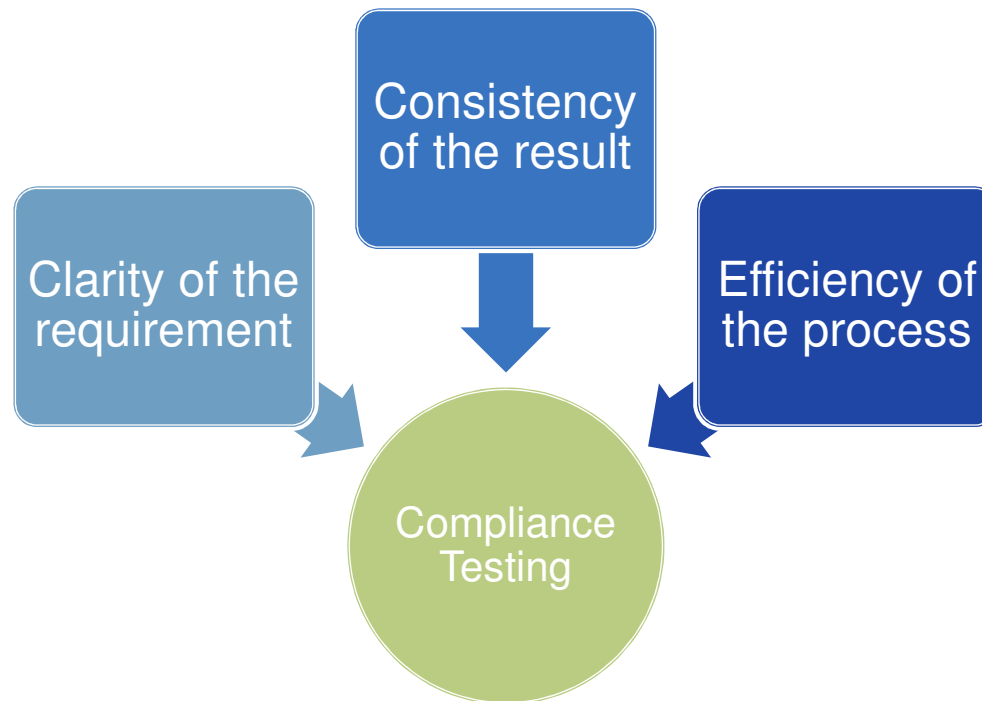


Pass or Fail

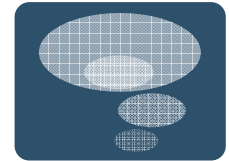
Intro – Software Test Framework



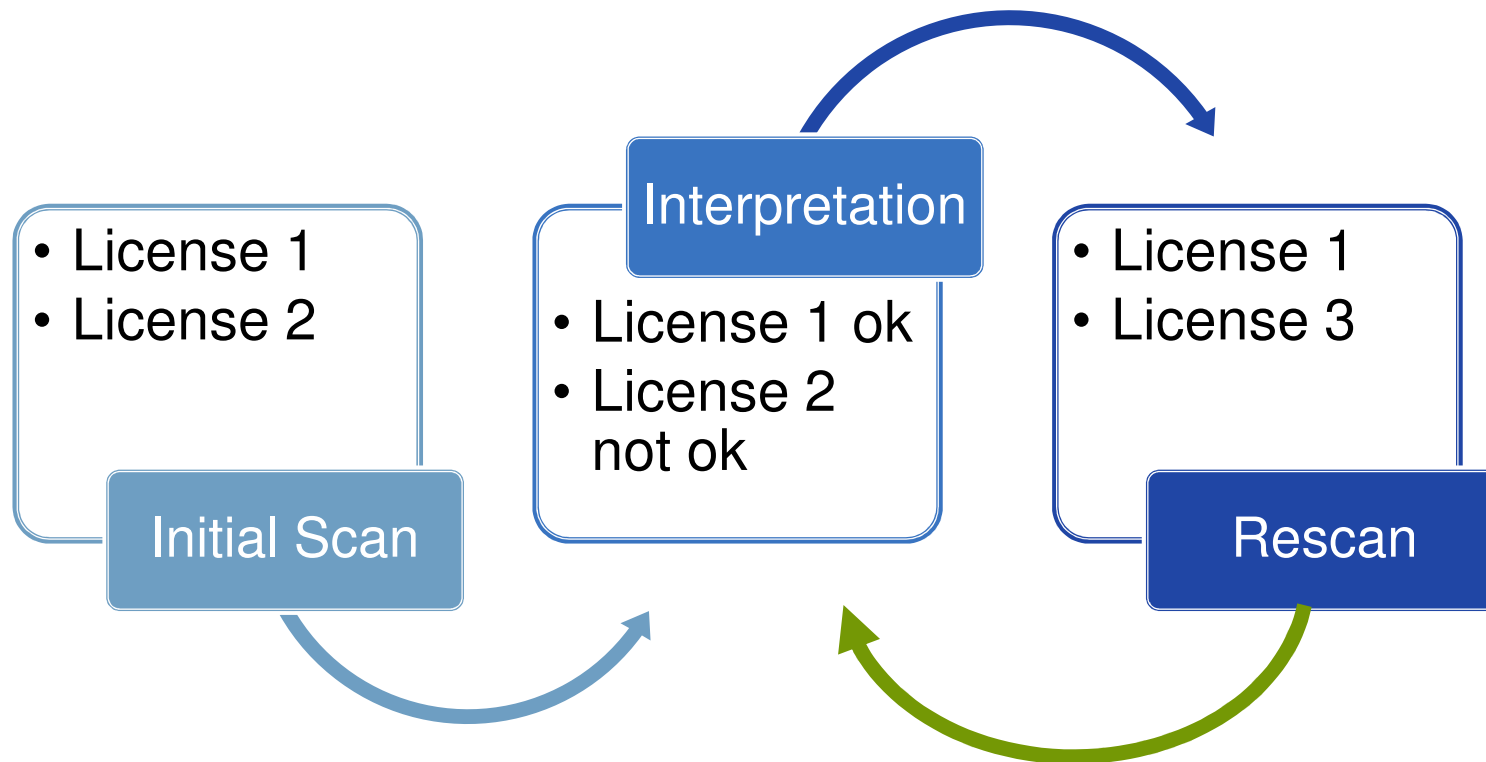
Benefit of Standardized Conformance Testing



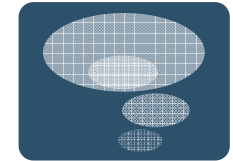
License Reporting in the Context of OpenChain



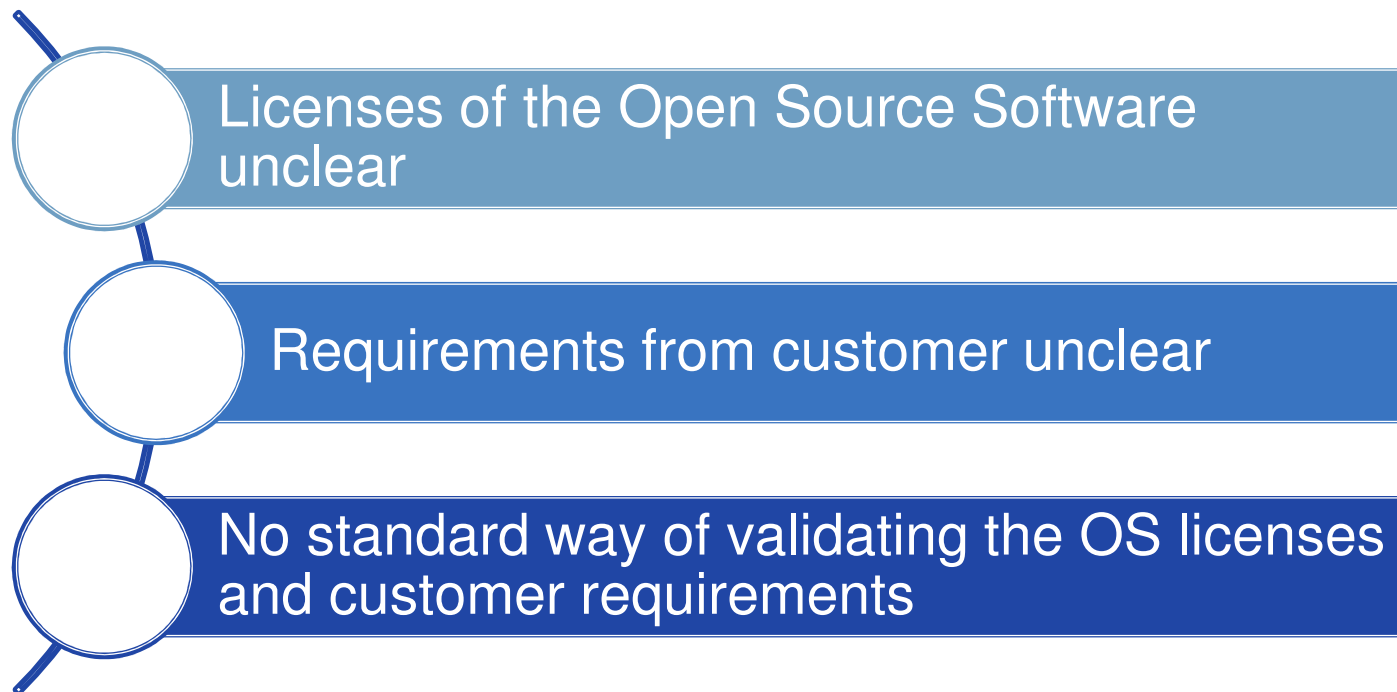
Existing Process/Methodology



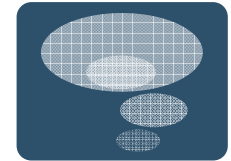
License Reporting in the Context of OpenChain



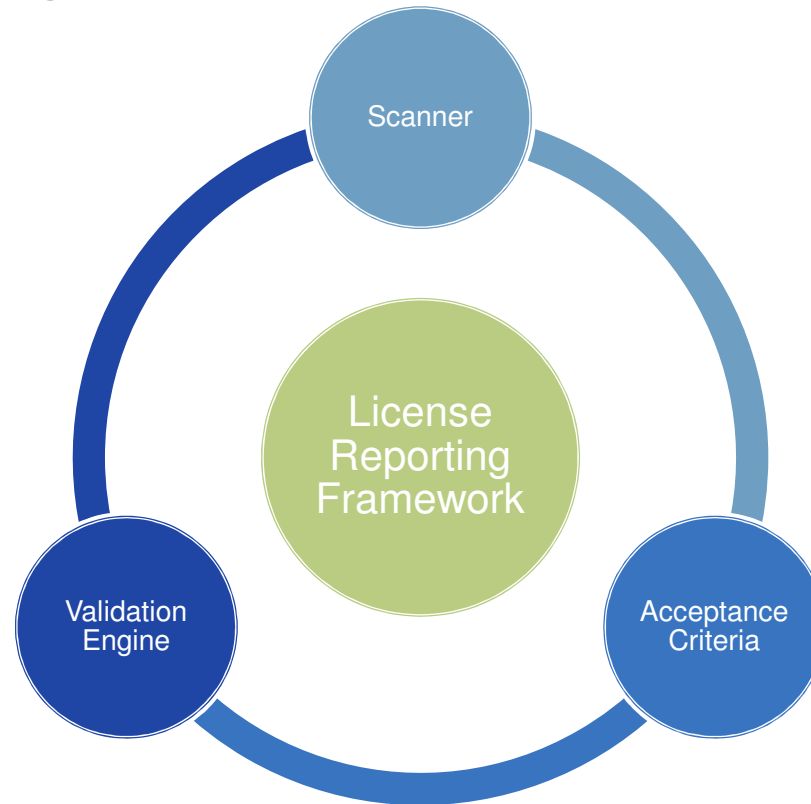
Reasons for the Inefficiencies



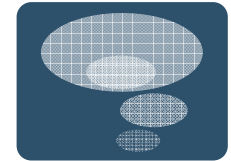
A Basic OS License Acceptance Test Framework



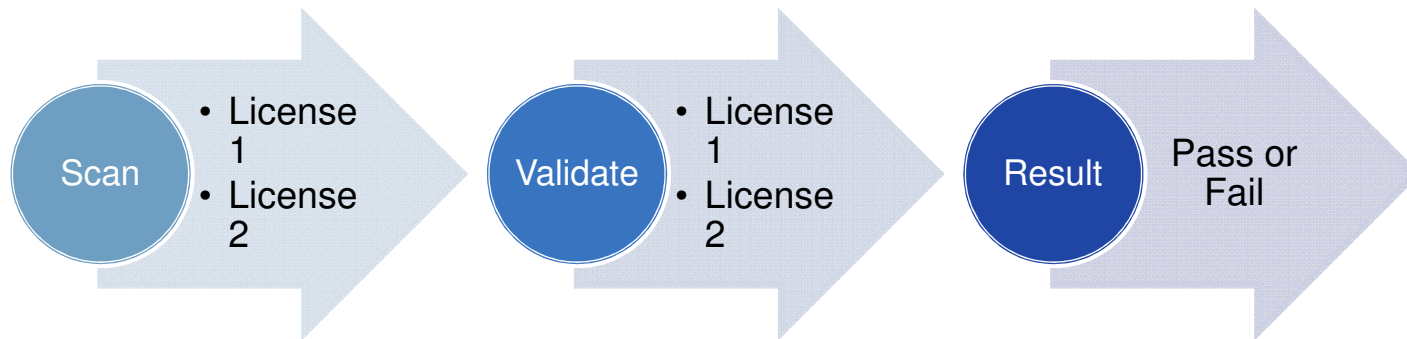
Overview



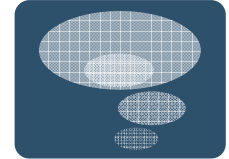
A Basic OS License Acceptance Test Framework



Sample Process

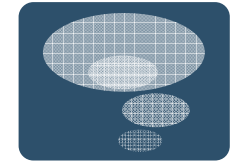


Sample Basic Acceptance Criteria



- Acceptance Criteria is based on the business practice of the recipient. The following are some simple examples:
 - Pass if only BSD/MIT licenses are found.
 - Fail if GPL is found.
 - Pass unless AGPL is found.
- Standard Specification for the Acceptance Criteria:
 - Being a standard specification means the acceptance criteria can potentially work with different open source scanners.
 - Examples: XML Schema.

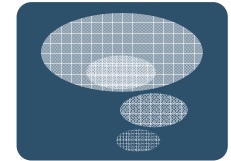
Basic Software Acceptance Framework for Open Source



A Few More Details

- The Framework does not dictate a “universal” acceptance criteria.
 - Instead, the recipient of the software define OS Acceptance Criteria based on the specification.
- “Basic Acceptance”: this test framework is not intended to replace the entire legal review process, rather it is intended to provide some basic automation to streamline the license review process.
 - Recipient may opt to do complimentary scanning (e.g., well-known commercial options) for additional protection.

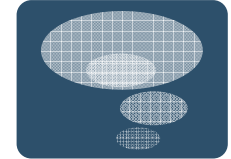
Basic Software Acceptance Framework



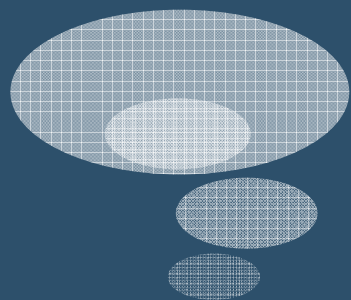
Two operational models

- Independent Service Provider
 - Cloud based service.
- Turn-key solutions
 - Could be hosted by OpenChain.
 - Downloadable software to establish the entire framework in a local environment.

Potential Candidate - Fossology



- Features:
 - License detection based on contextual search.
 - More advanced than simple keyword search.
- Gap:
 - Need support for the acceptance criteria.
 - Also keyword search capability may be desirable for some businesses.



Thoughts?

Questions?