APACHE TRAFFIC CONTROL RELEASE MANAGEMENT

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May 2017

Agenda

- Incubation Process
- Software Licensing
- Release Packaging
- Release Voting

Apache Incubator

- Breeding ground for projects new to Apache
- Opportunity to build attract new committers and learn "The Apache Way"
  - Mainly, how to function as a stable open source project
- Provides oversight on releases

- Goal is Graduation and becoming a Top Level Project (TLP)
  - Can generate own releases
  - Can do press
  - Write access to Github repo (maybe?)

Software Licensing

- All of Traffic Control is under Apache License 2.0

- Bundled Dependencies are more complicated
  - Category A: Must provide source in release, can distribute in binary
    - AL1.1, AL2.0 MIT, BSD, WTFPL

  - Category X: Some licenses are outright prohibited in source and binary
    - GPL, LGPL, Creative Commons Non-Commercial
    - Can't be distributed in convenience binaries either

  - Category B: Cannot distribute source, but can include in binary
    - Open Font License, Creative Commons Attribution

- Releases must clearly list all bundled dependencies and provide their licenses.

Release Packaging

- Apache requires a source-only release
  - Build Instructions required

- Projects may provide convenience binaries
  - Pre-Apache entrance Traffic Control distributed RPMs
  - We currently do not distribute RPMs

- Source release is GPG signed by release manager
  - Others who approve release can also contribute their signature

- Incubator requires disclaimer file and "incubating" tag in name
- Release Notes?

Release Voting

- Podling and Incubator Voting
- Everyone should vote!
  - Feedback from multiple contributors and companies is important.
- Vote based on
  - Release Quality
    - Experience from deployments and/or tests
    - Severity of open bugs
    - Does it build from release artifact
  - Licensing Requirements
  - Apache Release Guidelines
    - Valid GPG Signatures
- Successful vote requires 3 or more +1 and more ups than downs

Support Level

- What is our definition of "support"?
  - Security fixes?
  - Backports for other issues?
  - Backports for new features?

- How long is each release officially supported for?

- Does Traffic Control offer Long Term Support?

Traffic Control 2.0

- RC0 failed vote two weeks ago- installation and some other issues
- Will likely build RC1 next week unless any new bugs reported

Release Locations

- Release Candidates
  https://dist.apache.org/repos/dist/dev/incubator/trafficcontrol/

- Most Recent Stable Release
  https://www.apache.org/dist/incubator/trafficcontrol/

- Older Releases Archived at:
  https://archive.apache.org/dist/incubator/trafficcontrol/

References

- Incubator Release Guide:
https://incubator.apache.org/guides/releasemanagement.html

- Apache Release Policy
https://www.apache.org/dev/#releases
https://www.apache.org/legal/release-policy.html
http://www.apache.org/legal/resolved.html

- general@incubator.apache.org