REFEDS Schema Editorial Board

- https://wiki.refeds.org/display/STAN/Schema+Editorial+Board
- schema-discuss mailing list
The COmanage Project

Sustainability and Governance

https://www.internet2.edu/comanage
Sustainability

Ensuring the long term viability of the project:

- Sustainability of contributions to the code base via licensing, IPR management
- Sustainability of contributors to the code base via funding
- Sustainability of the community via participation guidelines and governance
COmanage Project History

- Started by Internet2 with various grants
- Three abandoned versions
- Current COmanage Project started in 2009 with funding from US National Science Foundation (NSF)
- Since 2014, funding from Internet2 and contributors
  - NIH/NIAID (US), CILogon (U Illinois), Lafayette College, MLA/Mellon, SUNET, SURFnet, GÉANT, others
  - GRNET, Syracuse University, others
Tooling

- Source Repo (git, GitHub)
- Issue Tracker (JIRA)
- Document Repository (Confluence)
- Email Lists (Sympa)
- Chat / Messaging (Slack)
- OSS tools offer better sustainability but require more work
  - Long term archival vs cloud hosting and subscription plans
  - Since I2 runs our services, it's their problem to switch
Licensing (Outbound)

- Apache2
  - All Internet2 projects use Apache2, so decision was easy
- General considerations
  - Copyleft (GPL) or not
  - License compatibility (when using libraries, plugins, etc)
    - http://www.apache.org/legal/resolved.html#category-a
  - Pick a well known license!
    - Already almost 100 Open Source licenses
    - https://opensource.org/licenses/alphabetical
Licensing (Inbound)

- Internet2 requires Contributor License Agreement
- General considerations
  - Require CLA or not? Alternate: Inbound = Outbound
  - CLA process is hard, usually involves legal, with country specific considerations
  - CLA benefits are esoteric: relicensing, IPR disputes
    - Low likelihood, high impact
  - https://www.apereo.org/licensing
IPR and Sustainability

- Internet2 is the legal home of the project
- IPR home needs to be a legal entity
  - Virtual Organizations cannot host projects
- Similar: Apache Foundation, Linux Foundation, Apereo Foundation, Commons Conservancy, etc
- Entities that exist primarily to maintain the software
  - Typically provide some level of guidance on governance and provide a mechanism for handling funding
Alternate IPR Models

- Hosted at a University
  - Historical approach, problematic when the University is no longer interested in maintaining the project
- Hosted by a Commercial Entity
  - Commercial interests can change over time
  - Tensions over contributions from other parties
- Dumped on SourceForge, GitHub
  - Not really a sustainable model, just a technical repo
Funding and Sustainability

- Internet2 provides "operational" funding for project
  - Looking to broaden the set of supporting funders
  - Not looking to create yet another IPR home
- New feature development funded by parties of interest
  - Aligns development priorities with funding
  - Prevents prioritization of features from non-funding parties
    - (except where funding can be pulled from operations)
Community Management and Governance

- Various existing models
  - Apache
    - https://www.apache.org/foundation/how-it-works.html
  - Shibboleth
    - https://www.shibboleth.net/consortium/documents/
- COmanage Project wanted "lightweight" governance
  - Not enough people to warrant "heavy" governance
  - Unresolved issues around funding, etc
COmanage Community Working Group (CCWG)

- Community
  - Provides input into project direction
    - Rubric established for reviewing and prioritizing RFEs
  - Currently non-binding, pending resolution of funding model
  - Currently participation by invitation, pending further discussion of participation models
    - Collateral expected to be publically available

- Developers
  - CLA → Contributor → Committer → Component Lead