FEDORA COMMITTERS

Ben Armintor (Columbia Univ)
Chris Beer (Stanford)
Danny Bernstein (DuraSpace)
Aaron Birkland (Johns Hopkins Univ)
Aaron Coburn (Amherst College)
Esmé Cowles (Princeton Univ)
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Mike Durbin (Univ of Virginia)
Nick Ruest (York Univ)
Bethany Seeger (Amherst College)
Jared Whiklo (Univ of Manitoba)
Andrew Woods (DuraSpace)
THE WHAT

Linked Data Infrastructure

Source: https://www.flickr.com/photos/103454225@N06/9965173654
...AND THE **WHY**

Sources: [https://www.flickr.com/photos/alan-dean/4691623398](https://www.flickr.com/photos/alan-dean/4691623398)  
GUIDING PRINCIPLES

- Durability
- Data portability
- Standardization
- Interoperability
COMPONENT of ECOSYSTEM

Fedora

Sources:
https://www.w3.org/RDF/icons/
COMPONENT of ECOSYSTEM

Sources: https://www.w3.org/RDF/icons/
Fedora API Specification

http://fedora.info/spec/

- Resource Management (Linked Data Platform)
- Resource Versioning (Memento)
- Resource Authorization (Web Access Control)
- Notifications (Activity Streams)
- Binary Resource Fixity (HTTP headers)
Fedora API Specification - Timeline

- Initial Public Working Draft ✓
- Public Working Drafts
- Candidate Recommendation
  - Starting Nov 2017
- Recommendation
Specification Release Requirements

- At least two implementations
  - Ideally, three or more
- At least two client frameworks
- Test compatibility suite
- No critical, unresolved discussions
A Year in Releases
SEMANTIC VERSIONING

Example: 8.1.3

Given a version number MAJOR.MINOR.PATCH, increment the:

1. **MAJOR** version = incompatible API changes
2. **MINOR** version = backwards-compatible new features
3. **PATCH** version = backwards-compatible bug fixes

http://semver.org/
FEDORA 4: THE BRANDING DILEMMA

4.6.0 - Aug 2016 (features & API updates)
   4.6.1 - Nov 2016 (bugfix)
   4.6.2 - Mar 2017 (security patch)

4.7.0 - Nov 2016 (features & storage upgrade)
   4.7.1 - Jan 2017 (features)
   4.7.2 - Mar 2017 (security patch)
   4.7.3 - Jun 2017 (bugfix)
RELEASE POLICY

1. No more than one MAJOR per year
2. MINOR and PATCH as needed
3. Backport security and critical bugfixes:
   ▶ previous MAJOR*
The Year Ahead
STANDARDIZATION

Fedora API specification
- Initial release
- Compatibility test suite
- Migration tooling

Alignment with API specification
- One major release (5.x)
- Minor / Patch releases as needed
Let a thousand flowers bloom

Source: Andrew Woods, Summit County, Colorado
TRAINING WORKSHOPS AND CAMPS

Fedora and Samvera Camp UK Sept. 4-8
https://wiki.duraspace.org/display/FF/2017-09+Fedora+and+Samvera+Camp+UK

Fedora Camp Texas Oct. 16-18
https://wiki.duraspace.org/display/FF/2017-10+Fedora+Camp+Texas
HOW TO GET INVOLVED

Fedora website
http://fedorarepository.org/

Mailing lists
https://wiki.duraspace.org/display/FF/Mailing+Lists+etc
THANKS!

Any questions?

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Presentation template by SlidesCarnival