



# **The State of Samvera**

**10th October 2018**

**Samvera Connect, University of Utah**

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*on behalf of Samvera Steering Group*

# **samvera**

# We've come a long way, Samverans

- The first meeting of the group that became Hydra and now Samvera (from Hull, Virginia, Stanford and Fedora) took place at the University of Virginia in September 2008



# The State of the Community

- Vital Statistics
- Changes to Steering
- Samvera Business
- Activities
- Service providers



# Vital Statistics

- 34 partners
  - Emory joined December 2017
  - CoSector - University of London joined March 2018
  - One more coming soon ...
- 756 slack members
  - Looking at a paid slack
- 27 WGs and IGs (~20 currently active)
  - Core Component Maintenance
  - Hyrax
  - Marketing
  - Contributions Models
  - Hyrax Batch Import Export
  - More ...

Connect 2018: “This year there are over one hundred and fifty registered attendees spanning over sixty organizations, two continents, and five countries.”



# Steering

- Re-invigorated following Governance WG recommendations
- Three places up for election annually, members serve a three year rotation
- Three new members for 2018-2021
  - Julie Allinson (London, UK)
  - Rosalyn Metz (Emory)
  - John Weise (Michigan)

One current vacancy



# Business



- Trademark
  - **Samvera** name trademarked in Europe and North America; Canada in progress
  - Samvera **logo** in progress in all three jurisdictions
- Finances
  - ~ \$109,000 brought forward from 2017
  - \$91,000 promised (so far) this year - THANK YOU!
  - running costs 2018 ~ \$20,000

# Activities

- Contributions Working Group
  - How do we fund Samvera? What contributions are folks already making
  - Draft report & recommendations
  - Further work planned
- Marketing Working Group
  - Marketing messages
  - SWAG
  - Advocacy and presentation materials

- Roadmap Council
  - Clearinghouse for roadmap coordination



# Connect

Successful **Virtual Connect** in July 2018.  
Please help organise in 2019!

Lots of positive feedback - people like it!  
Suggestions for changes to the format, eg.  
have it earlier or hold multiple events through  
the year.

**Connect** 2018 happening right now!  
Connect 2019 will be in Washington  
University, St Louis, MO. Dates TBA



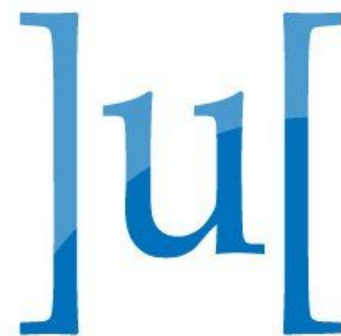


# Service Providers

- CoSector
- DCE
- Notch8
- Ubiquity

Increased number of options for getting involved in Samvera without local development capacity.

All four contribute a **lot** to the community.



# The State of the Software

- Milestones, Highlights, and Previews of What's to Come for...
  - Solution Bundles
  - Components (and Working Groups)
  - Community Development Sprints

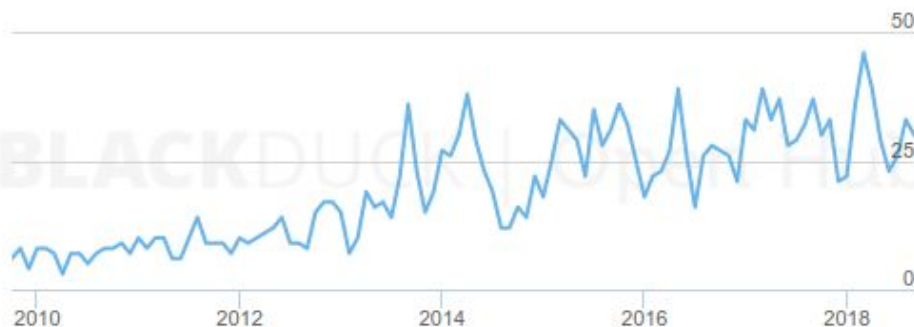


# In a Nutshell

## In a Nutshell, Samvera...

- ... has had 49,406 commits made by 348 contributors representing 1,496,959 lines of code
- ... is mostly written in JavaScript with an average number of source code comments
- ... has a well established, mature codebase maintained by a very large development team with decreasing Y-O-Y commits
- ... took an estimated 418 years of effort (COCOMO model) starting with its first commit in October, 2009 ending with its most recent commit about 7 hours ago

## Contributors per Month



# Solution Bundles (1)



- 1.0.0 Beta-2 release last year
- Hyku Interest Group
- Bridge2Hyku
- Coming soon: address the feature gap



# Solution Bundles (2)



- 8 releases since Connect 2017
- Avalon Forum & Office hours
- Ongoing: work continues on Avalon 7



# Solution Bundles (3)

- Publishing platform developed by U. of Michigan
- Since Connect, a few dozen (!) releases, including 2.0.0



# Solution Bundles (4)



Whither Sufia? And Curation Concerns?



# Solution Bundles (5)



- 15 releases since Connect 2017
- Accessibility audit
- New dedicated, open IG for [roadmap](#)
- New product owner and tech lead
- Coming soon: Hyrax Batch Import/Export WG & Analytics





# Solution Bundles (6)

Solution Bundles wouldn't exist without...



# Components & the WGs Who Love Them (1)

- Permissioning Analysis (and Design) Working Group
  - Gathered requirements and analyzed current state
  - Coming soon: design and development... but for a new WG?



# Components & the WGs Who Love Them (2)

- Code Stability WG
  - Read their [recommendations!](#)



# Components & the WGs Who Love Them (3)

- Component Maintenance WG
  - Identified core components and product owners for same, deprecating unmaintained components
  - All core components updated in past six months!
  - Coming soon: phase 3 of the CMWG?



# Components & the WGs Who Love Them (4)

- Some components receiving significant attention outside of WGs
  - QA
    - 4 releases (incl. 2.1.2 w/ QA Linked Data API Documentation)
  - Valkyrie
    - Including the milestone 1.0.0 release earlier this year!
    - More on Valkyrie in a minute



# Solution Bundles and Components

Solution Bundles and Components tend to be enhanced and maintained via...



# Community Development Sprints (1)

- Collection Extensions (in Hyrax)
  - Major multi-month effort involving many institutions
  - Point of which is to allow for collections to have types
  - Released in Hyrax 2.1.0 earlier this year



# Community Development Sprints (2)

- Valkyrie
  - 5 releases including milestone 1.0.0 release
  - Summer sprint on single values and optimistic locking





# Community Development Sprints (3)

- “Valkyrizing” Hyrax
  - Two sprints last winter to remove ActiveFedora as a Hyrax dependency and use Valkyrie instead
  - Work done in a branch
  - Test suite passing (or 3-4 failures away)
  - Coming soon (?): prioritizing and organizing this work within the Hyrax roadmap



# Community Development Sprints (4)

- Hyrax WG
  - July 2018-December 2018
  - Streamlined QA process w/ 24- to 36-hour turnaround
  - 11 releases already!
- Coming soon: improvements to continuous integration



# Thank you!

Next up

Governance Working Group:  
Updates to Approved Recommendations

