

2017-09 Fedora and Samvera Camp UK

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Hosted by the University of Oxford, Fedora and Samvera (formerly Hydra) Camp offers everyone a chance to dive in and learn all about Fedora and Samvera. Training will begin with the basics and build toward more advanced concepts—no prior Fedora or Samvera experience is required. Participants can expect to come away with a deep dive Fedora and Samvera learning experience coupled with multiple opportunities for applying hands-on techniques working with experienced trainers.



Where

Seminar Room 11
St. Anne's College
University of Oxford
56 Woodstock Rd
Oxford OX2 6HS

Accommodations

Rooms are available at [University Rooms](#), Bed and Breakfast and Self Catering accommodations in Oxford University Colleges.

Directions

Seminar room 11 is located near the lodge, which can be seen in the lower-left corner of the [campus map](#). If you have trouble locating the seminar room, please proceed to the lodge for directions.

When

4-8 September 2017

Preparations

We will be using a virtual machine for the hands-on portions of the camp, so please follow these instructions to get the VM up and running on your laptop *before* you arrive. However, we will also have USB drives with the VM at the camp in case you are unable to get everything working ahead of time.

NOTE: The VM uses 2GB of RAM, so you will need a laptop with at least 4GB of RAM to run it. Depending on your laptop manufacturer, you may also need to enable virtualization in the BIOS.

Windows users: You will need access to the SSH and cURL commands on the command line. If you don't already have these available to you, please download GitHub Desktop (<https://desktop.github.com>) and use the included Git Shell application when asked to enter commands in a terminal window in the following instructions.

1. Download and install VirtualBox: <https://www.virtualbox.org/wiki/Downloads>
2. Download and install Vagrant: <http://www.vagrantup.com/downloads.html>
3. Open a terminal window and issue the following commands:

```
mkdir tutorial
cd tutorial
wget http://camp.curationexperts.com/Vagrantfile
vagrant up
vagrant ssh
# vagrant ssh gives you a new prompt: vagrant@camper:~$
cd hyrax-sample/
fcrepo_wrapper
```

4. Navigate to <http://localhost:8984> in your web browser to access Fedora
5. Go back to your terminal window and enter the command: exit
6. Enter the command: vagrant halt

Your VM should now be turned off. You can turn it on again with the 'vagrant up' command.

Wifi

OWL and Eduroam are available, as well as a free network call 'the cloud'. Participants should select 'the cloud' from the available wifi networks and instructions will appear on how to log on.

Agenda/Presentations

4 September

Time	Activity	Presenter(s)
8:00-9:00	Registration, Coffee, Office Hours	
9:00-10:00	Welcome and Introductions	David Wilcox
10:00-10:45	Object Deposit Workflow	Bess Sadler Mark Bussey
10:45-11:00	Break	
11:00-12:00	Fedora and Samvera Overview	Bess Sadler David Wilcox
12:00-1:00	Lunch (provided)	
1:00-2:00	Introduction to Linked Data and Object Modelling	Julie Allinson
2:00-3:00	Introduction to Fedora	David Wilcox

3:00-3:15	Break	
3:15-4:15	Core Services: CRUD	Andrew Woods Mark Bussey
4:15-5:00	Q&A and Catch-up	
6:00-8:00	Reception at the Jericho Tavern	

5 September

Time	Activity	Presenter(s)
8:00-9:00	Coffee and Office Hours	
9:00-9:30	Reflection	Bess Sadler Mark Bussey
9:30-11:15	Core Services: Authorization, Versioning, Fixity	Andrew Woods Julie Allinson
10:30-10:45	Break	
11:15-12:00	Core Services: Authorization, Versioning, Fixity	Andrew Woods Julie Allinson
12:00-1:00	Lunch (provided)	
1:00-1:30	Core Services: Messaging	David Wilcox
1:30-2:30	Preservation Services	Andrew Woods Julie Allinson
2:30-2:45	Names & Dependencies	Mark Bussey
2:45-3:00	Break	
3:00-5:00	Fedora Breakout Various topics - deeper dive on Monday / Tuesday topics	David Wilcox Andrew Woods
	Samvera Breakout - HANDS ON EXERCISES Rails for Zombies	Bess Sadler Mark Bussey

6 September

Time	Activity	Presenter(s)
8:00-9:00	Coffee and Office Hours	
9:00-9:30	Group Discussion	Bess Sadler David Wilcox
9:30-12:00	- GROUP EXERCISE: Pairing Lineup Hyrax installation walk-through + generate an ETD work type - Vagrant flavored instructions - Break around 10:30	Julie Allinson Mark Bussey
12:00-1:00	Lunch (provided)	

1:00-3:15	Run Hyrax Test Suite Hyrax Metadata Part 1 : Model and New Object creation GROUP EXERCISE (Pair Metadata Exercise)	Bess Sadler Julie Allinson
3:15-3:30	Break	
3:30-5:00	Bodleian Library Tour	

7 September

Time	Activity	Presenter (s)
8:00-9:00	Coffee and Office Hours	
9:00-9:30	Group Discussion	Andrew Woods Julie Allinson
9:30 - 9:45	Github prep: Please put your teams here: https://docs.google.com/document/d/1OJ5SFY93Y6lpTFfd54aEDfl7b6s9ToGy8ouxNPILtCA/edit?usp=sharing	Bess Sadler
9:45-12:00	Hyrax Metadata Part 2 : Display new fields Hyrax Metadata Part 3 : Searching and Faceting	Bess Sadler Julie Allinson
12:00-1:00	Lunch (provided)	
1:00-5:00	- Team development - Saving work to github - Break as needed	Bess Sadler All
4:00-5:00	Hyrax Collection Extensions - Hyrax Community Sprint Preview	E. Lynette Rayle
6:30-9:00	Dinner at Jude the Obscure	

8 September

Time	Activity	Presenter(s)
8:00-9:00	Coffee and Office Hours	
9:00-9:30	Group Discussion	David Wilcox Mark Bussey
9:30-10:30	MOCK STAND-UP What did you get done?, what do you plan to do?, are there any blockers? Continue Team Development Bonus: Sample data generator: https://github.com/RepoCamp/oxford2017/compare/sampledta	Andrew Woods Bess Sadler
10:30-10:45	Break	
10:45-11:45	Demo Prep (20 minutes) Team Demos (10 minutes each team) - What you wanted to do - What you did - What you'd like to do next - What questions came up	Bess Sadler Julie Allinson

11:45 - 12:15	Collaborative Development & Community Overview – Fedora Features & Tickets Licensing Communication Contributing Where things are going	Andrew Woods David Wilcox
12:15-1:15	Lunch (provided)	
1:15-2:30	Collaborative Development & Community Overview – Samvera Features & Tickets Licensing Communication Contributing Where things are going	Mark Bussey Bess Sadler Julie Allinson
2:30-5:00	Q&A, Group Discussion	

Social Gatherings

Monday, September 4 at 6:00pm Join us for drinks and appetizers at [The Jericho Tavern](#) (within walking distance) at 56 Walton Street, Jericho, Oxford.

Thursday, September 7 at 6:30pm Join us for dinner at [Jude the Obscure](#) (within walking distance) at 54 Walton Street, Oxford. **All camp attendees and instructors must RSVP by August 30th [HERE](#).**

Resources

- Slack for our event: https://join.slack.com/t/oxford-fedora-camp/shared_invite/MjM3NTA4ODA1NjE4LTE1MDQ3Nzk5OTktNGViMzYwNzMxOQ (Thank you, Tom!)
- Somewhat dated but perhaps still helpful screen cast about Stanford's staff reporting interface link below. There has been much development on this in the past few years, so if you are interested in it, it might also be worthwhile writing to the samvera-tech mailing list and asking for recent screen casts / demos of this and other internal reporting interfaces.
<http://library.stanford.edu/blogs/digital-library-blog/2012/07/source-code-available-argo-and-dor-services>
- RIIF** - Ruby IIIF gem - probably not for production use, unless you have a small collection, but great for getting IIIF integration going: <https://github.com/curationexperts/riif>
- Solrizer - Samvera Solr dynamic schema naming conventions - <https://github.com/samvera/hydra-head/wiki/Solr-Schema>
- hydra-rspec-templates (testing templates): <https://github.com/awead/hydra-rspec-templates>

Things to Do

While in Oxford, you may be interested to check out [St. Giles' Fair](#) on Monday and Tuesday.