2018-11 Fedora and Samvera Camp Berlin

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Hosted by the Berlin State Library, 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

Room K1, 3rd Floor
Staatsbibliothek zu Berlin
Potsdamer Straße 33
10785 Berlin (Tiergarten)
Germany
Information +49 30 266-432230

Please use the staff entrance rather than the main doors. The main doors won't be open until 9am. There will be signs to help guide you.

Accommodations

Accommodations: Participants are responsible for their own accommodations.

Rooms are available at

- Fjord Hotel Berlin (Rates 95 € - 120 € / Night) (5% discount with the code SBB-PK only for booking via hotel website)
- Hotel LINDEMANN'S (Rates 90 € - 106 € / Nigth) (5% discount with the code SBB-PK only for booking via hotel website)
- Grimm's Hotel Potsdamer Platz (Rate 119€ / Night)
- B&B HOTEL BERLIN-POTSDAMER PLATZ (Rate 60€ / Night)
- Scandic Hotel Potsdamer Platz (Rates from 128 € - 238 € / Night)

Mövenpick Hotel Berlin (Rates 121 € - 153 € / Night)

Directions

Directions can be found on the library website. **Please note that there are two state libraries - the camp will be held at Haus Potsdamer Straße.**

When

5-8 November 2018

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 4GB of RAM, so you will need a laptop with at least 8GB 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. Create a new folder called "tutorial" somewhere easy to locate
4. Save the Vagrantfile to the tutorial folder. Note that it has no file extension.
5. Open a terminal window, navigate to the tutorial folder, and issue the command: vagrant up

Note that this step will take a while to complete because you are downloading a virtual machine. It would be best to do this using a fast internet connection.

6. Navigate to http://localhost:8080/fcrepo in your web browser to access Fedora (user: fedoraAdmin, password: secret3)
7. Go back to your terminal window and enter the command: vagrant halt

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

Wifi

TBD

Agenda/Presentations

5 November

Time	Activity	Presenter(s)
8:30-9:00	Registration	
9:00-10:00	Welcome and Introductions	All
10:00-10:45	Hyrax Object Deposit Workflow - https://berlin2018.curationexperts.com	Bess
10:45-11:00	Break	
11:00-12:00	Fedora and Samvera Overview	David Bess

12:00-1:00	Lunch (provided)	
1:00-2:00	Introduction to Fedora	Andrew
2:00-2:30	Fedora: Resource Management	David
2:30-2:45	Break	
2:45-3:15	Fedora: Authorization and Fixity	Andrew
3:15-3:45	Fedora: Messaging and Versioning	David
3:45-4:00	Break	
4:00-5:00	Introduction to linked data and data modeling	David Bess

6 November

Time	Activity	Presenter(s)
8:30-9:00	Office Hours	
9:00-9:30	Reflection	All
9:30-10:00	PCDM Modeling Exercise	
10:00-12:30	Fedora Breakout • Discussion Topics	Andrew David
10:00-12:30	Samvera Breakout • RailsBridge Intro to Rails	Bess
12:30-1:30	Lunch (provided)	
1:30-4:00	GROUP EXERCISE: Pairing Lineup • Hyrax Stack Walkthrough • Vagrant flavored instructions • Break around 2:00 • Goal: Run Hyrax Test Suite • Fun: Quiz Code: 6919460	Bess
4:00-5:00	Community in Action	David Bess
6:30	Dinner at Lindenbräu am Potsdamer Platz	

7 November

Time	Activity	Presenter(s)
8:30-9:00	Office Hours	
9:00-9:30	Reflection	All
9:30-12:00	Hyrax Metadata • Part 1: Add a metadata field, with feature and unit tests • Part 2: Add metadata to views, presenter, and solr • Part 3: Add metadata to search results and facets	Bess
12:00-1:00	Lunch (provided)	

1:00-5:00	Team development • Saving work to github • Break as needed	All

8 November

Time	Activity	Presenter(s)
8:30-9:00	Office Hours	
9:00-9:30	Reflection • Add to topics of interest	All
9:30 - 11:00	MOCK STAND-UP • What did you get done?, what do you plan to do?, are there any blockers? • Continue Team Development	All
11:00-12:00	Library Tour	
12:00-1:00	Lunch (provided)	
1:00-2:30	Demo Prep and 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	All
2:30-2:45	Break	
2:45-3:30	Fedora Specification and Implementations	Andrew
3:30-4:00	Islandora and other topics	David
4:00-5:00	Q&A, Group Discussion, Parking lot topics	All

Social Gatherings

Tuesday, 6 November, 6:30 p.m. Camp dinner at Lindenbräu am Potsdamer Platz

Resources

- Topics of Interest
- Samvera Slack signup
- Fedora Slack signup
- PCDM wiki
- API Extension Framework
- Migration utilities:
  - Fedora-migrate
  - Migration-utils
- Fedora API documentation
- Fedora performance and scale testing
- Oxford Common File Layout
- Samvera Youtube Channel
- Valkyrie
  - Documentation (Github)
  - Talks at Samvera Connect 2018