

2017-02-23 IDCC Fedora Workshop

Where

Quincentenary Conference Centre (QCC)
The Royal College of Surgeons of Edinburgh, Nicholson Street

When

23 February 2017
9:00am - 5:00pm

Preparations

The workshop will include a hands-on section using a Fedora virtual machine image, so please follow these instructions to get the VM up and running on your laptop.

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.

1. Download and install VirtualBox: <https://www.virtualbox.org/wiki/Downloads>
2. Download and install Vagrant: <http://www.vagrantup.com/downloads.html>
3. Download and unzip the 4.7.1 release of the Fedora 4 VM: <https://github.com/fcrepo4-exts/fcrepo4-vagrant/archive/fcrepo4-vagrant-4.7.1.zip>
4. Using a Command Line Interface, navigate to the VM directory from step 3 and run the command: `vagrant up`
 - a. Note that this step will take a while as the VM downloads and installs a full virtual environment
5. Test the VM by opening your web browser and navigating to: <http://localhost:8080/fcrepo>
 - a. The administrator username/password is `fedoraAdmin/secret3`

Attendees

- Alexandra De Pretto, National Library of Scotland
- Carell Jackimiek, University of Manitoba
- Daryl Grenz, KAUST
- David Gerrard, University of Cambridge
- Edith Halvarsson, University of Oxford
- Frances Jamieson, NRS
- Gill Hamilton, National Library of Scotland
- Hagen Peukert, University of Hamburg
- Hal Blackburn, University of Cambridge
- Hannes Thiemann, DKRZ
- Iris Vogel, University of Hamburg
- Jenny Hunt, NRS
- Jose Martin, KAUST
- Martin Shatwell, National Library of Scotland
- Michelle Lindlar, TIB
- Nicola Carboni, CNRS
- Peter Clarke, University College Dublin
- Shukor bin Abdul Razak, Universiti Teknologi Malaysia
- Thilo Paul-Stueve, Kiel University
- Tony Stuart, National Library of Scotland

Agenda/Presentations

| Time | Topic |
|---------------|--|
| 9:00 - 9:30 | Introductions and virtual machine setup |
| 9:30 - 10:30 | Introduction to Fedora |
| 10:30 - 11:00 | Break |
| 11:00 - 11:30 | Introduction to Fedora (continued) |
| 11:30 - 12:30 | Data modeling with PCDM |
| 12:30 - 13:30 | Lunch |
| 13:30 - 14:30 | External integrations: Messaging, Triplestores, & Solr |

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|---------------|---|
| 14:30 - 15:15 | Data curation workflows |
| 15:15 - 15:30 | Wrap-up and Discussion |

Summary

Fedora is a flexible, extensible, open source repository platform for managing, preserving, and providing access to digital content. This workshop will provide an introduction to Fedora 4, including a feature overview, data modelling best practices, and common integrations with external applications and services.

For more information, please contact David Wilcox (dwilcox@duraspace.org).