NDSC6 Planning

Tutorial Agenda (Wednesday, October 19)

Slide deck

10:00am - 11:30am
Test Driving Labs Workbench (who?)

- Intro to Labs Workbench
  - What is it?
  - Why is it useful?
  - Register for the Beta
- Test drive our catalog of prefab applications
  - Compare DSpace and Dataverse
- Customize existing prefab applications
  - Clowder - overwrite default configuration?
  - ownCloud - use MariaDB instead of MySQL?
  - NOTE: customization may be limited by the support provided by the target application

11:30am - 12:00pm
Open discussion: What tools / features should we add?

12:00pm - 12:30pm
Lunch

12:30pm - 1:30pm
Developing in Labs Workbench (who?)

Toy scenario, e.g. creating a search tool across a few different repository technologies. Need to story board in detail and make sure needed components are available in the Workbench.

- Intro to Docker
  - What is it?
  - Why is it useful?
- Develop a new Docker image using Labs Workbench and add it as a prefab application
  - Docker 101 tutorial
- Add / share a new prefab application from an existing Docker image
  - Custom Cloud9 Docker image built in previous step

1:30 pm - Interoperability Task Force Discussion (Jim Myers)

Present Essawy et al paper describing interoperability scenario among the DataNets. Lead discussion on how tools represented in the room might interoperate.

2:30 pm - Community Developer Input (Kenton McHenry, Kandace Turner)

(Kenton McHenry CK: I envisioned this as a half hour to solicit input on community gaps (in tools/CI), suggest where NDS look. Make participants feel like they had a chance to give input. Absent input, you could ask for pain points in putting up data services.)

Christine Kirkpatrick can you add a blurb here? (Kandace: If it's helpful, I believe this session was going to duplicate a session David Raila facilitated at another NDS meeting. Not sure if there is/was a guide for that discussion).

3:00 pm - Adjourn

Demos (Thursday, October 20)

2:00 pm - NDS Labs Workbench (Kenton McHenry, Craig Willis)

2:10 pm - Interoperability Task Force (Jim Myers)

Summary of goals. Towards an Essawy et al kind of vision paper spanning the DataNets/DIBBs by NDSC7?

2:20 pm - Library Community focused demo (IDB with Bill Ingram, add visualization/analysis capabilities to a data repository, e.g. like Jupyter /RStudio in Clowder but for say DataVerse, ??)

Need to nail down and story board out. Checking with Bill.