Hyrax Release Testing Subgroup

Purpose:

• Working with Samvera community, develop a process for ensuring Hyrax releases are stable and tested.

Goals:

• To understand all of the features in Hyrax releases and document them.

Google Hangout: https://hangouts.google.com/hangouts//_/c4dvatljzoeofeapgzlljsok2ie

Members:

Chris Diaz
steve van tuyl
Sherry Lake
Julie Rudder
Harsh Parekh

Consults:

Michael J. Giarlo - dev team
Jenn Colt - ux team

Michael Tribone and Kate Deibel said they were willing to consult on process for accessibility testing.

Documents:

• UI interactions
• Hyrax testing process proposal
• UI testing tracking document (Example of a potential model, only)

Questions:

Why not automate, why human testing?

What about UX and accessibility?

Meeting notes:

We will produce two documents:

UI Interactions = Call it "Hyrax Feature Guide"

UI Testing Tracking = Call it “Release testing template” and make a new version of it with every release.

Complete Hyrax Feature Guide document - for Hyrax 2.0

• How do we do this before sandbox?
• Decide Audience: We want to make this a manual that explains all the features, and admin.
• 1.3. walkthrough - Chris (mark features that are not in 1.3. add missing interactions) by Sept 1st.
• Regarding Format: categories seem good, the repeating the word interaction is distraction. Needs more examples, that address "Use this for" examples. Ask Steve what he has in mind.
• What is in Hyrax 2 and when can we get a list.

Release Testing Process Notes:

• Need bug reporting template.
• What is a time frame that is acceptable for returning results of test? (2-3 weeks)
The turn around time for updating the 2 important documents is of concern.
We think we need 3 institutions to commit to this work for each release ahead of time. Would be good to rotate these institutions.
We would love for 2 institutions to commit to upgrading in-production systems before wide-release but realize this is hard.

Minor release should have less process?
- update the 2 documents
- new features should be tested
- how thoroughly do all features need to be tested?

Accessibility testing should be included in tab, but needs some expertise. What is the minimal that we support? Should automated testing be done as a minimal, consult with Michael and Kate.
- [http://wave.webaim.org/](http://wave.webaim.org/)
- Use Firefox for NVDA testing with a screen reading. Either Windows or Mac
- Identify what is minimal support (stated?)

Before the Release Testing Template is complete, we need to complete UI interaction and answer these questions:

- What browsers and platforms should be included, what are supported?
  - After asking the UX group and the Repo-managers here is a suggestion about how we decide what browsers.
    - Include browsers that the majority of users used based on data from [http://caniuse.com/usage-table](http://caniuse.com/usage-table)
    - Include support for high-use browsers in different areas of the world. [http://gs.statcounter.com/](http://gs.statcounter.com/)
    - Are there browser versions to consider for accessibility?
    - Admin and staff tools may consider reduced amount of support for certain platforms.
    - Browserstack is a good tool for testing.
    - The list of browser support needs to be considers for each release.
  - List to test for Hyrax 2.0 release will include the following: (browser version popularity)
    - Chrome on Windows
    - Chrome on Mac OS X
    - Chrome on Android (for public interactions) (most popular android versions)
    - Safari on iPhone (for public interactions)
    - Firefox and Safari should be added (for public interactions?)
    - Use [http://wave.webaim.org/](http://wave.webaim.org/) (any browser?)
    - Use Firefox for NVDA testing with a screen reading. Either Windows or Mac
  - The testing document will include what versions of OS and browsers. Institutions are welcome to test additional browsers to indentify gaps and report issues.

To do's: by Aug 18th

- Ask repo-managers what platforms and OS should be tested/supported
- Ask Michael/Kate testing for accessibility
- Develop a list of features to be included in 2.0
- Chris does 1.3 walkthrough
- Finish a template for the testing document,
  - [Draft template](#) (see comment below on contents)
    - Add instructions for how to use the document -Sherry
    - Mirror the structure and organization of the UI Interactions documents.
- Bug reporting template. Would the new issue helper text work or do we need something else from students?
### Descriptive summary

Include what version of Hyrax relates to this issue (7.x, 6.x, HEAD, etc.) if appropriate, and any relevant tracebacks if you're reporting a bug.

### Rationale

Provide the rationale or user story that describes "why" this issue should be addressed. Especially if this is a new feature or significant change to the existing implementation.

### Expected behavior

### Actual behavior

### Steps to reproduce the behavior

1. Do this
1. Then do this...

### Related work

Link to related tickets or prior related work here.

Attach files by dragging & dropping, selecting them, or pasting from the clipboard.