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/_/c4dvatl1jzeofeapg2iljsok2ie

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/
  • 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
    • Include support for high-use browsers in different areas of the world. 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/ (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
2. 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.

**Styling with Markdown is supported**