

2020-08 DuraCloud Community Sprint Notes

Call Details

- Time: 12:00pm ET / 11:00am CT / 10:00am MT / 9:00am PT
- Day: Tue/Thurs
- Join Zoom meeting: <https://lyrasis.zoom.us/j/99180492358?pwd=WFk2VjErdEkxLzISM1Q5L3hmbXJ6dz09>
- ★ - Indicates who will be taking minutes

Participants

- Bill Branan ★
- Heather Greer Klein
- Nicholas Woodward
- Courtney C. Mumma
- Danny Bernstein

ToDo / In Progress

key	summary	updated	status	resolution	assignee
	Unable to locate Jira server for this macro. It may be due to Application Link configuration.				

Completed

key	summary	updated	status	resolution	assignee
	Unable to locate Jira server for this macro. It may be due to Application Link configuration.				

- Ticket activity: [Kanban board](#)
- Priority list: [JIRA priority list](#)

Notes

Week 1, Day 2 (08/18)

- Attendees: Bill, Nick, Danny, Courtney (briefly)
- Danny: Started working on DURACLOUD-1264 (DurAdmin Accessibility)
 - Starting to look at the Wave accessibility tool
 - Looking at the login page and main page of DurAdmin
 - Today starting to iterate on elements, try to fix some of the low hanging fruit
 - There are different classes of errors
 - There are some things that are just notices, about structural elements (not necessarily errors). Not everything called out is actually a problem.
 - There are certain javascript elements that can help to resolve problems in a variety of places
 - Approach: Iterate on individual elements and push PRs for each fix
 - WAVE provides a browser plugin to help get issues fixed
 - Will require some effort to get local environment for DuraCloud back up
 - Docs for this: <https://github.com/duracloud/deployment-docs/blob/master/dev-guide-getting-started.md>
- Nick:
 - WAVE tool useful
 - Able to get rid of most of the errors on the SyncTool
 - Current work: <https://github.com/TexasDigitalLibrary/duracloud/commits/duracloud-1265>

- A few alerts that don't appear to be errors. Like not having header tags or page regions.
 - Some of the errors are old JQuery dialog boxes (like the close link)
 - Having to rebuild and relaunch the SyncTool; started stalling at 12% usage
 - Updated Jetty to the latest minor version, and this seems to have resolved the issue
 - Nick to create a ticket to pull this in
- It is some amount of effort to get a development environment set up. Could be done in Terraform or Docker
 - Would be nice to replace the mill-deploy with Terraform
- Bill:
 - Starting to look at all the things needed to update to Java 11
- WAVE tools
 - Should coordinate on things like color changes
 - Nick looking at an update to the background color (<https://github.com/TexasDigitalLibrary/duracloud/commit/b6673705ebef8f6601679f2641f85aff69928196>)
 - Testing on Chrome and Firefox
 - Safari has a feature to read the page, which is helpful for understanding

Week 1, Day 4 (08/20)

- Attendees: Bill, Nick, Danny
- Danny: Working on login page
 - Tricky because of the way the tool is evaluating contrast, may just be on the login page
 - The WAVE tool is seeing a white background when it's actually transparent (gradient). There doesn't appear to be a real contrast problem, even though it's showing up in the tool. It's not seeing the gray bar that the white text is sitting on.
 - So long as the person viewing the page can see the contrast, we're ok
 - Can use <https://coolers.co/contrast-checker> to check colors (where WAVE doesn't see it properly)
- Nick
 - Alt-text isn't necessary if the image is a background rather than an img tag
 - 1265 - just waiting to see how 1264 turns out, may make more changes
 - Fixed everything that was red, some of the things that were orange/yellow
 - Alert question: Creating headers and regions
 - Should capture a screenshot of the WAVE tool after change
 - Should test what it's like to try to navigate pages without a mouse - capture notes about what doesn't work
 - MySQL version moving to the latest connector (5.1.49) allows use of MySQL v8 (our current version only allows MySQL up to 7)
 - Will create a PR (and ticket) for the connector update
 - Moving on to 1246 (in the management console), planning to ask Heather for feedback after starting on this
- Bill
 - Working on moving to java 11, not much to report so far

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Week 2, Day 7 (08/25)

- Attendees: Bill, Danny
- Danny:
 - Ready to do a PR for accessibility
 - A bunch of contrast issues fixed, some weren't actually problems
 - Fixed all the labeling issues (that could be fixed)
 - Still need to try it with a screen reader, and see how it results
 - Will touch base with Nick on screen reader testing
 - Issues we don't have a good solution for:
 - text size in the charts is small
 - duplicate IDs (in hidden html)
 - Can create a new ticket with things that still need work
 - Next: Accessibility in the Management Console
 - Won't try to update the root console pages
 - Will review Bill's Java 11 PRs
- Bill:
 - Java 11 PRs:
 - duracloud-db: <https://github.com/duracloud/duracloud-db/pull/19>
 - duracloud-mc: <https://github.com/duracloud/management-console/pull/35>
 - duracloud: <https://github.com/duracloud/duracloud/pull/121>
 - Next steps: Java 11 for duracloud-mill, etc
 - If more time: Retrieval Tool updates

Week 2, Day 9 (08/27)

- Attendees: Nick, Bill
- Nick:
 - Working on 1267 - Retrieval tool
 - There are retries, which is why the error isn't printed. There is a NotFoundException that can be caught. Possibly
 - Completed the PR for 1246
 - Waiting to see how 1264 landed. Danny using different contrast numbers.
 - Also added an alt tag to the log
 - Nick added a table header to table, but Danny added table header. Moving to
- Bill:
 - Should probably update Travis build environment. We currently specify Trusty (14.04) because 16.04 didn't include Oracle Java 8. Current default is 16.04, but options to go up to 20.04: <https://docs.travis-ci.com/user/reference/linux>

Actions

- Application Link configuration.

ace mill-deploy with Terraform:

Unable to locate Jira server for this macro. It may be due to