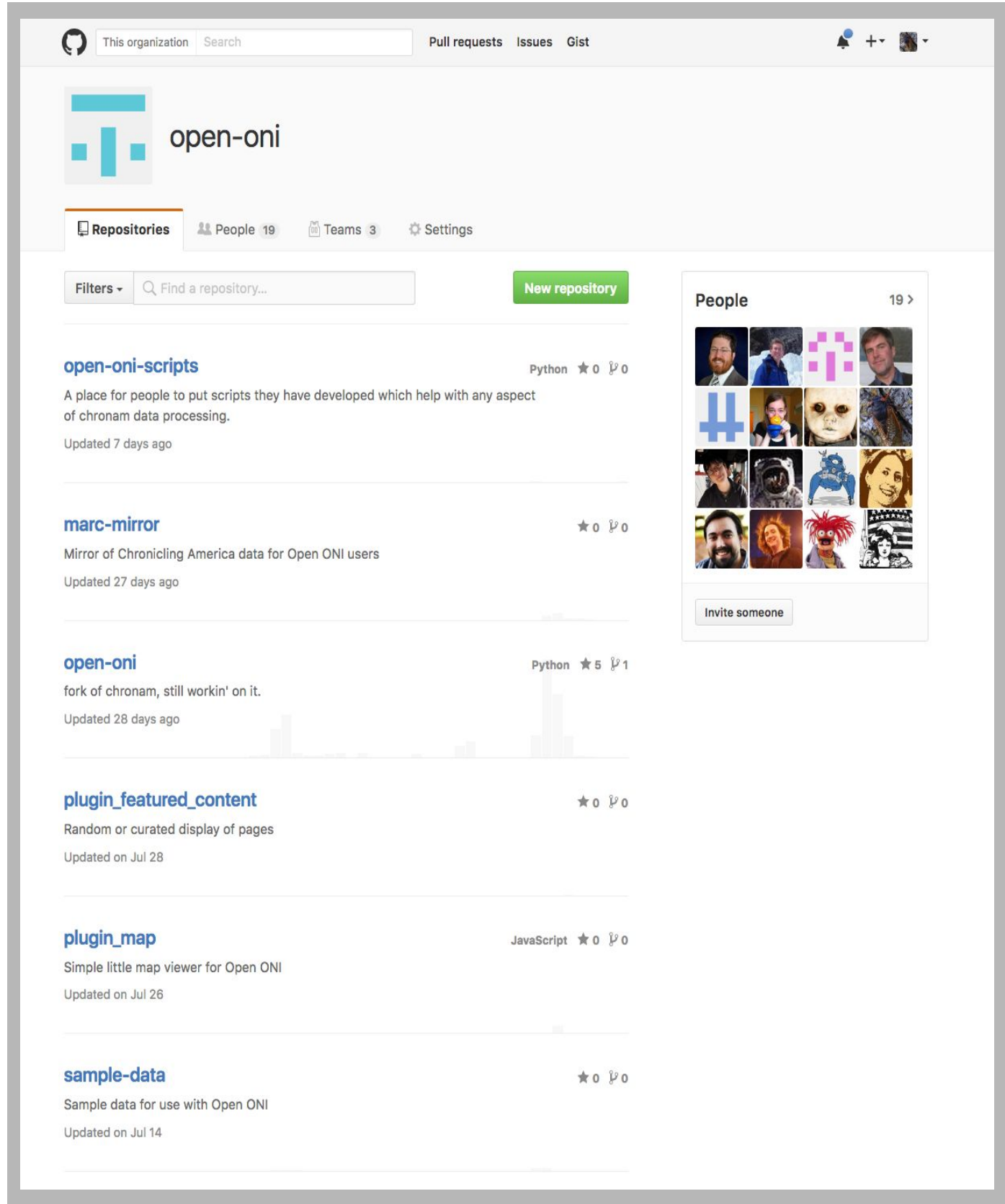# open-oni

Open Online Newspaper Initiative
(a fork of the Library of Congress's chronam software)

Code improvements:

- ❖ Generalized many global settings, such as base URLs and the site name, into settings file, which eases deployment.
- ❖ Cleaned up existing code base, revised structure.
- ❖ Added a simple plugin architecture for adding features without overwriting core theme.
- ❖ Decoupling from Library of Congress and Chronam, so metadata isn't dependant on availability.
- ❖ Removed Chronicling America specific features.
- ❖ Added new, faster JP2000 image display, utilizing the University of Oregon's RAIS software.
  - https://github.com/uoregon-libraries/rais-image-server
- ❖ With the above, added IIIF compliant URLS.
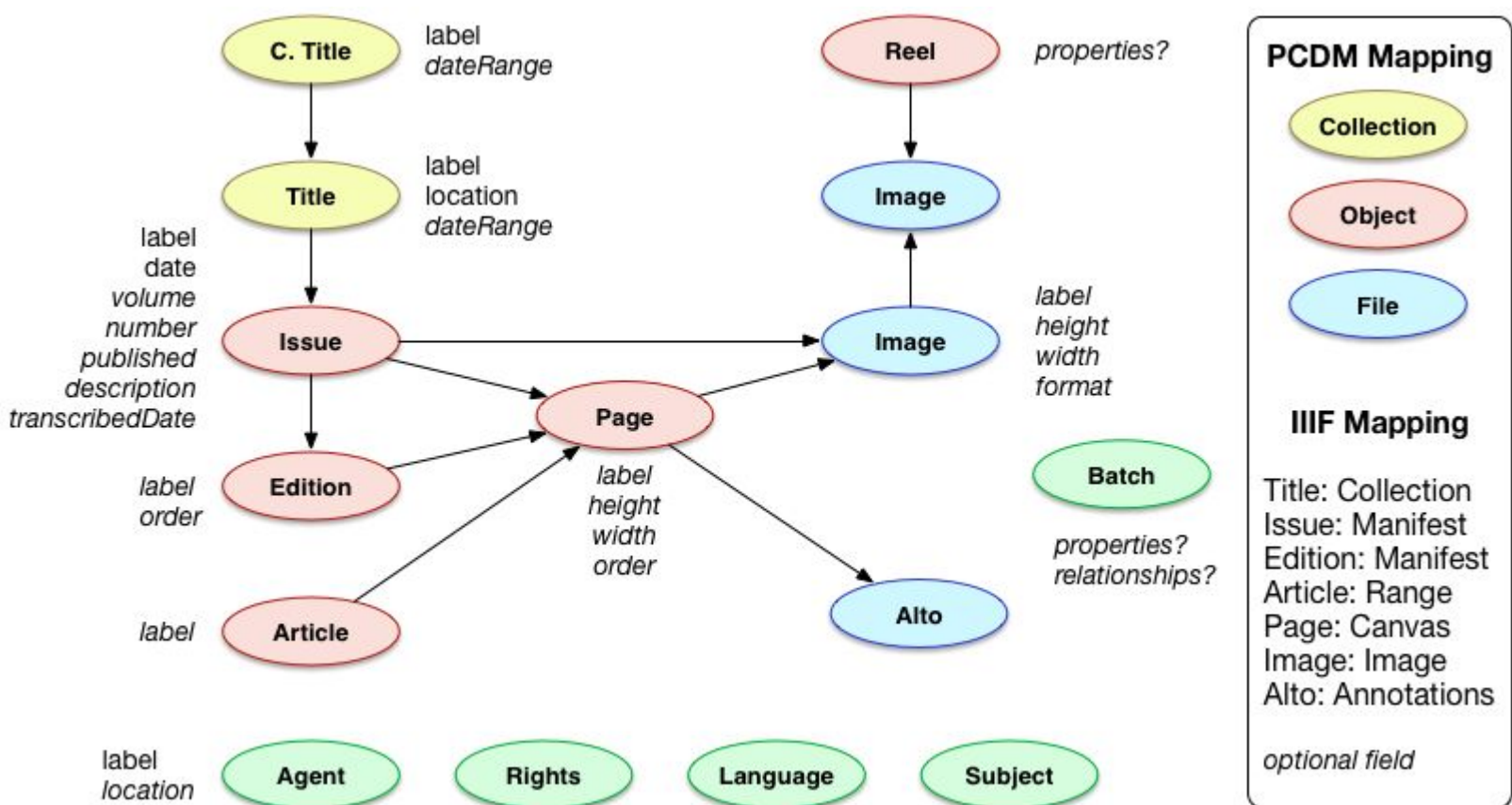- ❖ Improved documentation.

Improved back end technology:

- ❖ Upgraded python and django to latest stable versions, and cleaned out/replaced outdated and unsupported packages.
- ❖ Added a Docker component so the software is easier to get running in a test environment.
- ❖ Fixed / added tests

Community:

- ❖ Community of developers working on software, can be responsive to pull requests and improvements.
- ❖ Develop in scheduled "sprints" so everyone can work on the software at the same time.
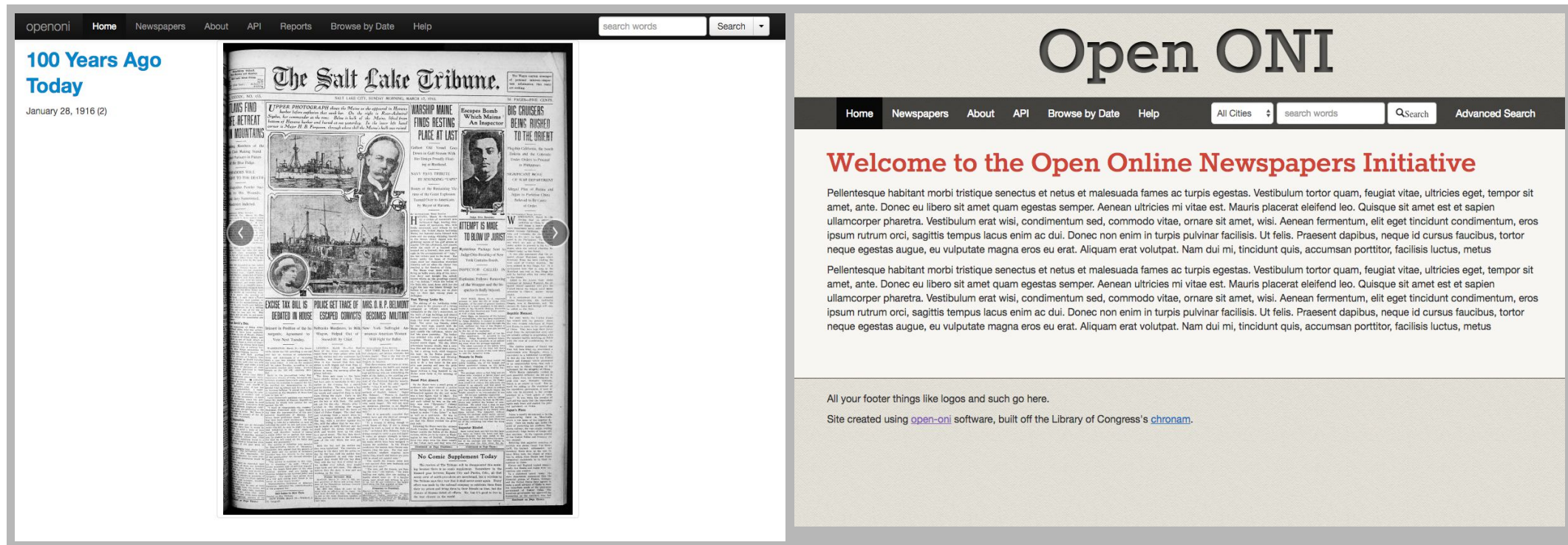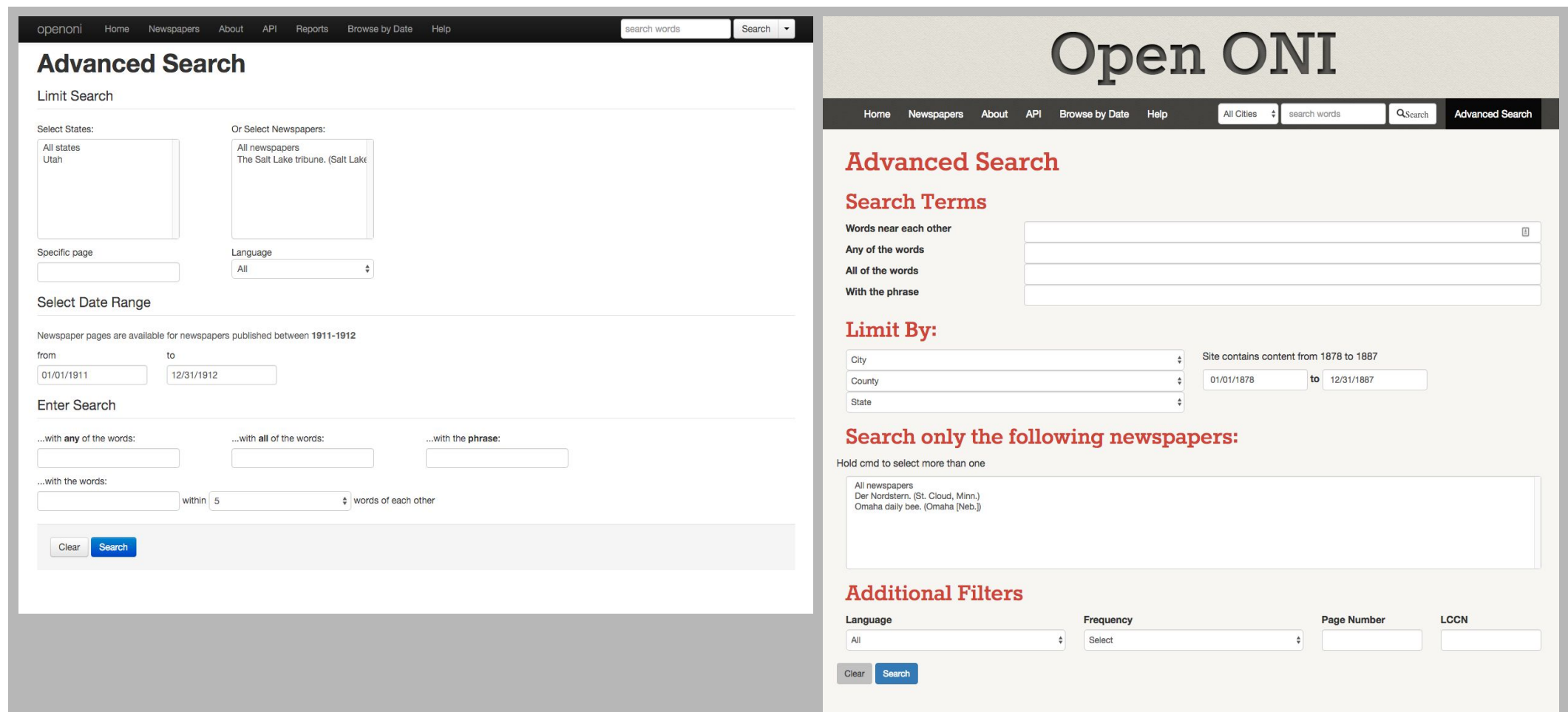- ❖ Have a dedicated slack channel (open-oni.slack.com) to communicate about changes

Future Possibilities:

- ❖ Implementation by Nebraska / Oregon / Penn State.
- ❖ Simplify way to edit settings and load batches, possibly via a GUI interface.
- ❖ Add additional metadata elements, such as Collection Title.
- ❖ Add the ability to ingest batches not adhering to the chronam standards (for instance pdfs with light metadata).
- ❖ Improve advanced search, including comprehensive faceting.
- ❖ Deploy to AWS.
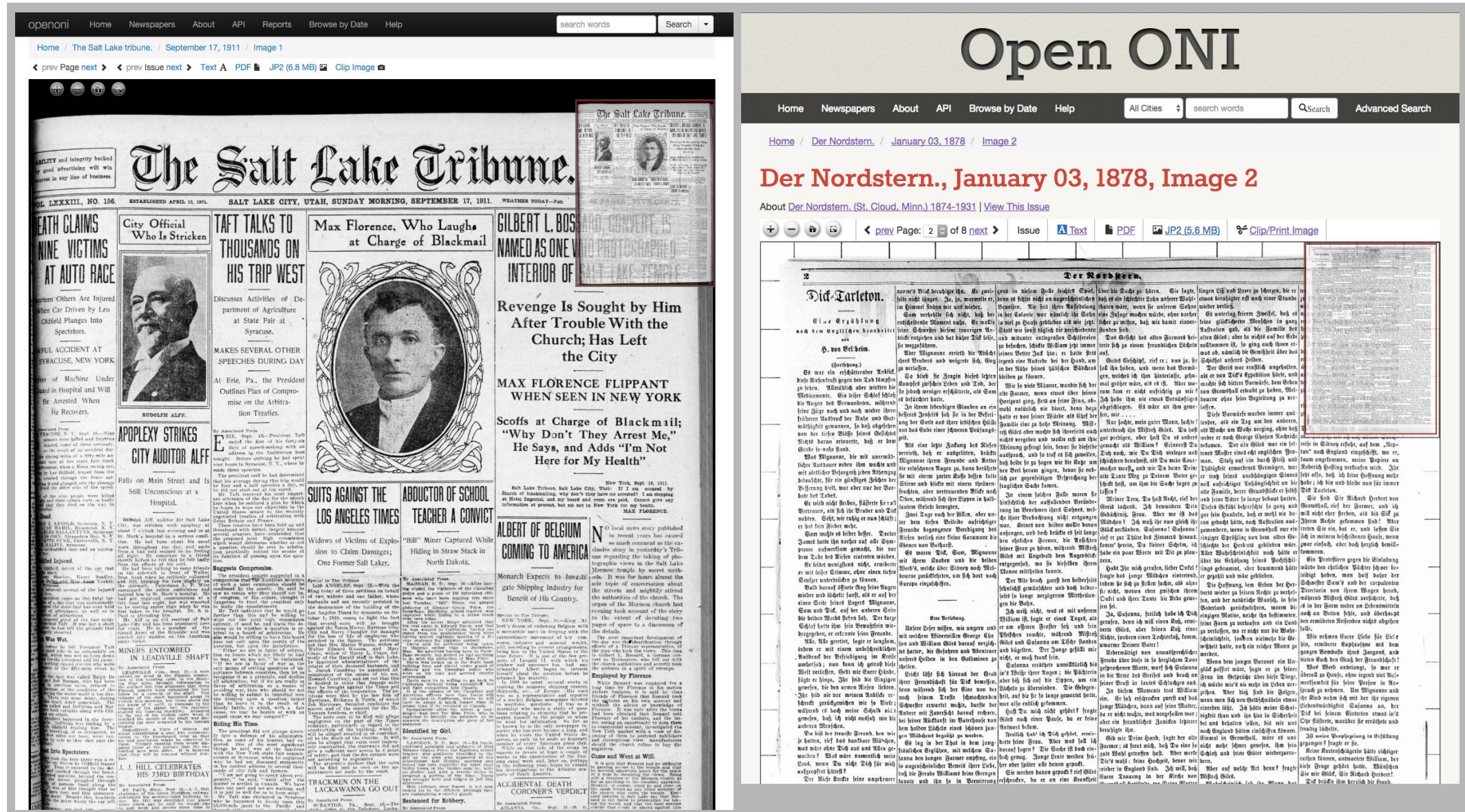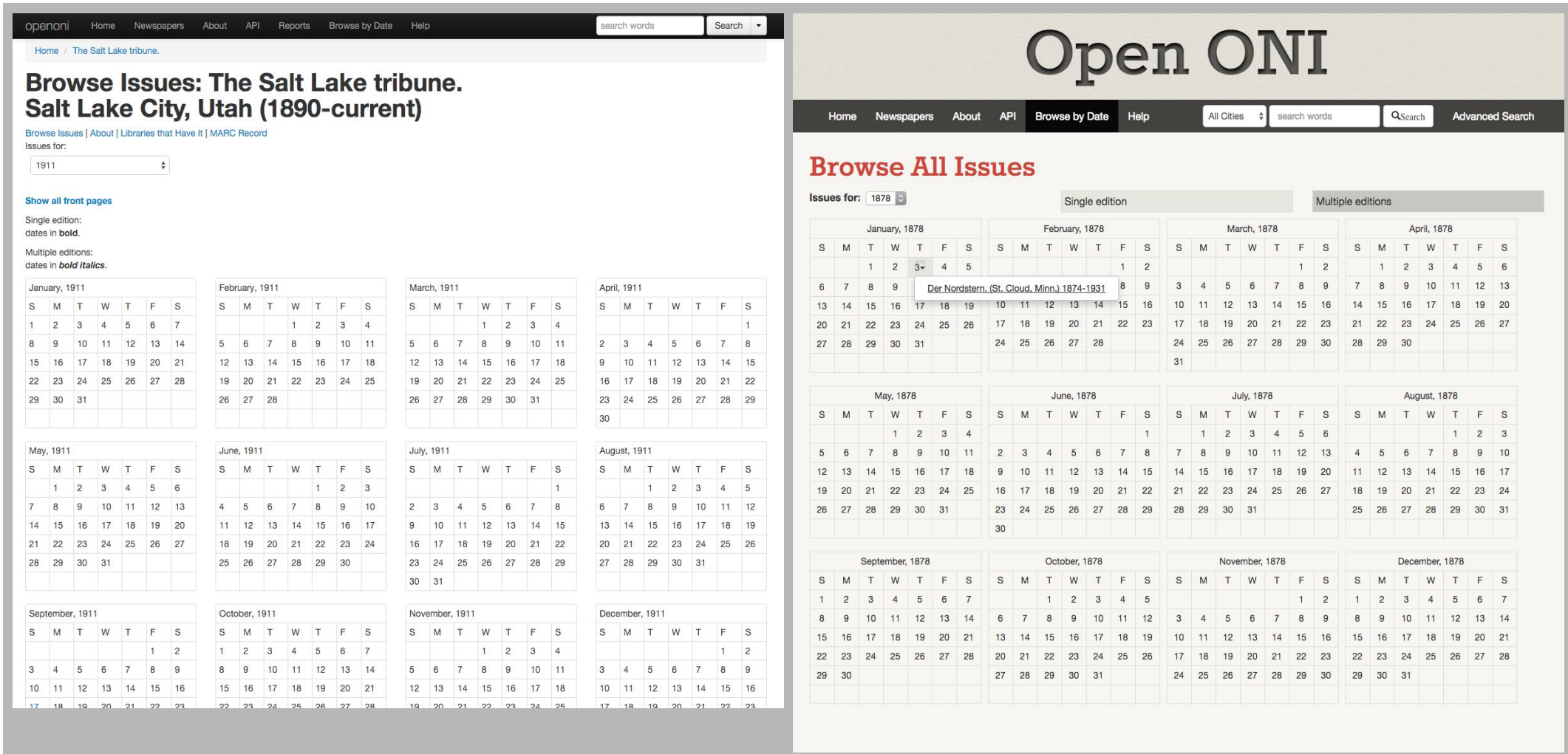- ❖ Ability to add many of these is tied to number of developers who can support!

Interface improvements:

Developed a comprehensive base theme that can be used out of the box or with minor changes.
Upgraded Bootstrap 2 to Bootstrap 3

Totally redesigned advanced search, making use of existing fields and removing functionality that did not work.

Added the ability to search all papers via a calendar interface plugin.

Rethought and revamped many interfaces.
Removed and upgraded older javascript.

Created a map (pictured) and featured content plugin.

Get Involved:

- ❖ https://github.com/open-oni/
- ❖ Make time for developers to help out!
- ❖ Email kdalziel2@unl.edu to be added to the open-oni slack room!