

OLAQ Moves to OJS

Background

- *OLA Quarterly*, or *OLAQ*, is the journal of the Oregon Library Association¹
- *OLAQ* was hosted by Pacific University in their Bepress Digital Commons repository, CommonKnowledge², beginning in 2014
- In 2019, Pacific University was moving their IR out of Digital Commons, and would be unable to support *OLAQ* with dedicated space in the new platform
- OSU and UO publish several journals on a joint instance of Open Journal Systems³ (OJS), and agreed to take on *OLAQ*
- OJS is free, open source scholarly publishing software used by over 10,000 journals worldwide⁴

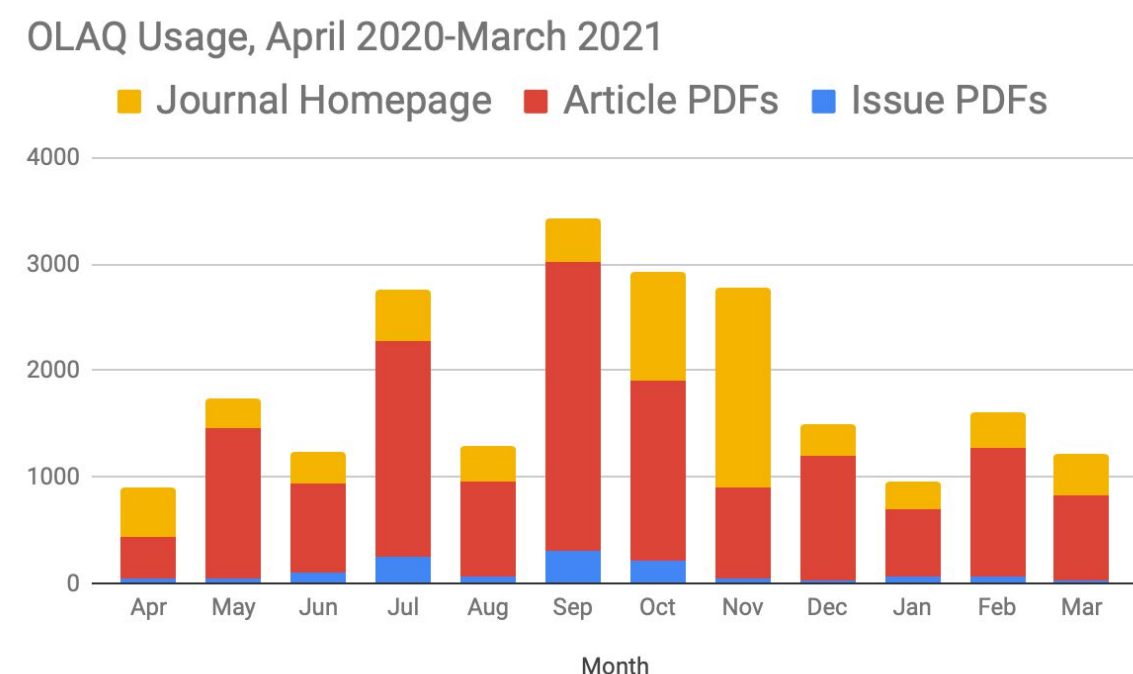
Migration from Digital Commons to OJS

- Metadata-focused migration workflow allowed precise control, as well as testing, review, and iteration
 - Exported Digital Commons metadata as a spreadsheet
 - Cleaned and normalized metadata
 - Filled in required information where missing
 - Converted CSV to flat XML using Python
 - Developed a crosswalk of Digital Commons metadata into OJS/PKP Native schema
 - Transformed XML metadata according to crosswalk using XSLT
 - Imported XML files into OJS using Native XML Plugin
- Content files: Article PDFs were fetched automatically from Digital Commons; full issue PDFs were uploaded manually to each issue from the user interface; **93 issues with 877 total articles were migrated**
- Cover art images were regenerated and added manually to each issue
- Custom CSS was created to mimic the feel of the old site
- Static content was reconstructed in OJS admin dashboard
- Launched the production site, enabled URL redirects, and announced the completion of the move in Spring 2020

Challenges and Compromises

- Existing tools for migrating from Digital Commons to OJS were not adequate, so we created a custom solution
- OSU's upgrade from OJS V.2 to OJS V.3 could not be completed before the deadline to move *OLAQ*, so we are running two separate OJS instances for now
- We were unable to preserve readership statistics from Bepress and needed to communicate that to authors and stakeholders
- A few Digital Commons features are not available in OJS, such as the readership map and hidden keywords
- Differences in metadata schemas required strategies for handling incomplete metadata, including publication dates and authorship
- OJS could not fetch full issue PDF files or cover images from a remote source, and it took extra time to download and import these manually
- A lack of documentation for OJS in general meant a lot of trial and error (and occasional weird bugs) during the process

Readership Statistics



Data reported by OJS software for April 2020 through March 2021:

- Homepage views: Total 6,453; Average 538/month
- Issue PDF views: Total 1,259; Average 105/month
- Article PDF views: Total 14,616; Average 1,218/month

Publishing OLAQ in OJS

- 3 new issues published post-migration
- Collaboration between OSULP and OLAQ Coordinator
- Temporary workflow similar to migration process:
 - Fill in metadata spreadsheet template
 - Convert using custom XSLT
 - Import with Native XML plugin
 - Add galley files through web interface
 - Review, publish, register DOIs
- Future issues may be created with this process or using standard OJS editorial workflows

