

System Developments

Neil Mayo (neil.mayo@ed.ac.uk)

EDINA, University of Edinburgh

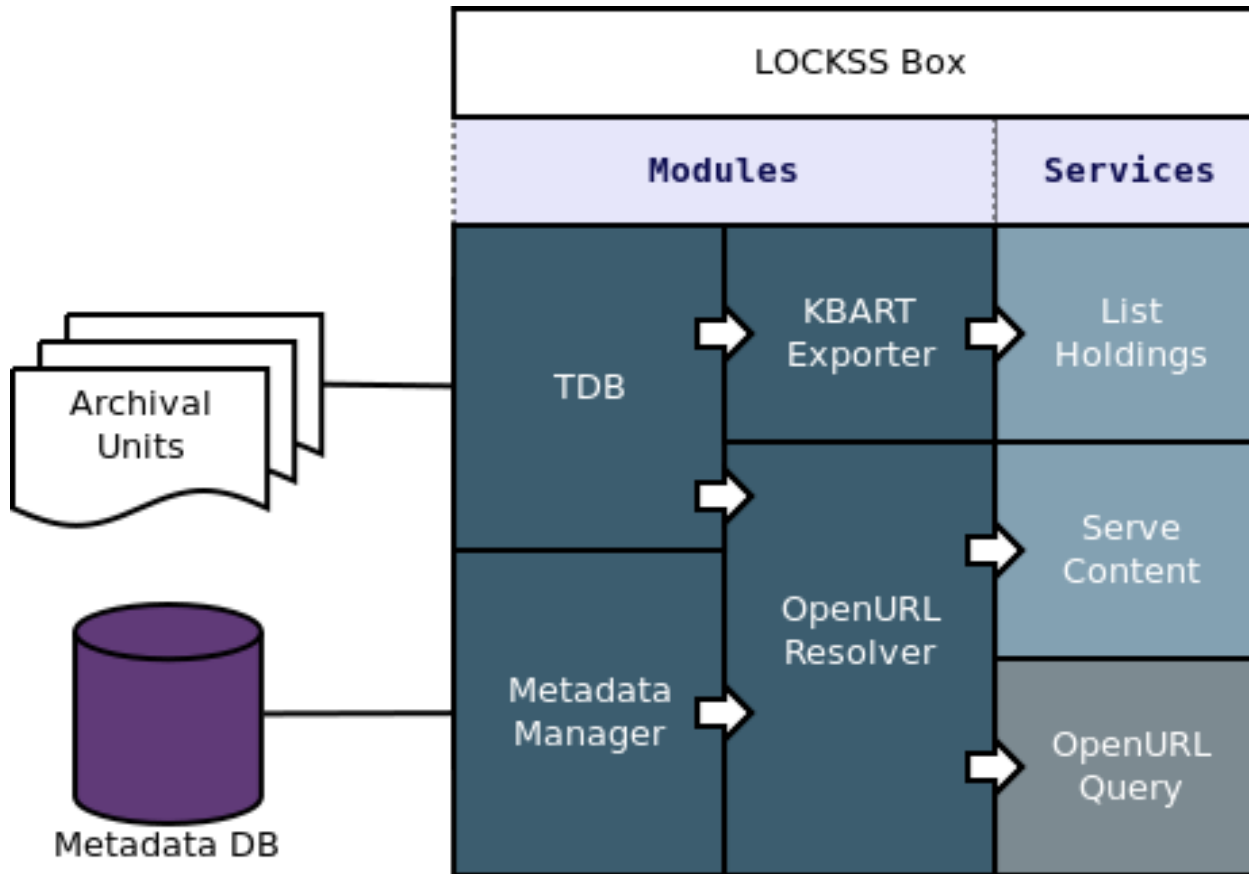
UK LOCKSS Alliance Members' Meeting

24th May 2012

National Railway Museum, York.

System Developments

LOCKSS Components



System Developments

Summary of Developments

- More flexible List Holdings (now Title List) output
- Committed titles spreadsheet has extent information
- Access to preserved/collected content is possible
- Content testing workflow improvements
- e-books
- User Interface development is underway

System Developments

Title List / List Holdings

- Improved KBART reporting – configured/collected.
- Custom output formats to support a variety of link resolver knowledge bases.
- New module with analysis tools for title ranges
 - more accurate coverage gap reporting
 - even with inconsistent publisher metadata
- KBART output is customisable
- TSV (tab-separated values) format

System Developments

Committed Titles Spreadsheet

<http://www.lockss.org/community/publishers-titles-gln/>

- List of committed publishers and e-journal titles
- Includes identifying fields ISSN and eISSN
- Now includes information on available extent (range)
- Uses the KBART module to calculate preserved ranges
- Combine with TDB metadata describing committed (in process) titles
- Sorted by publisher then titles
- CSV or XSL, for manipulation in spreadsheet programs

System Developments

Access to Content

- Holdings list available on the content server port without admin login.
 - Supports automated collection by link resolver vendors for knowledge bases.
- Link Resolver Integration with SFX and 360Link; preserved content in your box can be served up by ServeContent.
 - DMU has achieved SFX integration and is providing valuable testing
 - Accompanying integration guides and documentation has been produced
- Metadata Manager extracts metadata from collected content to build database of article-level bibliographic information.

System Developments

Content Testing

- Expanded content testing team in Stanford.
- Better testing tool (AU Test) and infrastructure:
 - Less affected by other changes
 - Easier to use for non-tech team members
- Enables speedier and larger content releases.

System Developments

Developing for the Future

- ISSN and year metadata are more complete (work with ISSN.org)
- The specification of the title database has been expanded to include e-books.
- User Interface development work has been planned and is about to start:
 - Clarify the interface
 - Simplify common workflows
 - Address user concerns and irritations
- See presentation later!

System Developments

UI Development

- Shift-click to select ranges of AUs in Add/Remove Titles.
- Speedier list display during selection process.
- Requirements document and development schedule.
- Document available on blog:

<http://www.lockssalliance.ac.uk/>