LibraryCloud documentation

- LibraryCloud APIs
- LibraryCloud Metadata
- LibraryCloud Support

Technical Information

LibraryCloud’s backend is built on a scalable metadata processing pipeline. The technology stack includes:

- Amazon Web Services (including the Simple Queue Service, Simple Notification Service, and Apache camel), deploying up to 10 EC2 servers to quickly update the data from source catalogs 3 times/week.
- A Java RESTful API Service that uses solr/lucene as the search index supporting Item API search functions
- A Java RESTful API Service that uses a simple Amazon RDS database supporting the Collections API
- An OAI-PMH data provider

LibraryCloud is open source software that can be downloaded from Github at https://github.com/harvard-library

An overview of the metadata processing pipeline is shown below.