LibraryCloud
October 2011 Update

LibraryCloud has been chosen by the Digital Public Library of America as one of the projects to be considered for implementation as part of its beta sprint! Read more.

May 2011 Update
The LibraryCloud project has been making substantial progress and is close to launching a prototype instantiation for controlled access by people outside the Library Innovation Lab. We have loaded into it 12,000,000 bibliographic records from Harvard, and anonymized circulation records going back over five years. We have another 750,000 circulation records from Northeastern University to add to the mix. We are working with Boston Public Library and New York University to add additional metadata. We have done performance testing on our internal server and have derived the specifications for configuring public-facing servers; the additional RAM is on order. We have also researched an additional type of metadata to support; we are consulting with the extraMUROS project to see if their collection data schema will serve LibraryCloud's purposes. Overall, the LibraryCloud project is making good progress.

April 2011 Update
We have been making excellent progress, and are nearing the point where we can open up LibraryCloud for testing. We have a database of Harvard's 12M library holdings, and rich data about circulation, reserves, etc. We have also absorbed 700,000 circulation records from Northeastern University, and have records of the number of downloads of 25,000 of Boston Public Library's electronic holdings. We have been researching what the next type of data we ingest should be. The API is functional, although it needs some sanding and testing. We even have an API query builder to help developers learn how to use it. We have performed some load testing so that we can get a suitably configured server in place, so that we can permit some initial testing of LibraryCloud by other developers. There is lot's more to do, of course, to automate intake and update processes, to develop usable data models, to extend the API, and to get the metadata into usable shape.