



Project Update

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Overview

- Andrew W. Mellon Foundation
- User Research
- Software
- Timeline
- Governance

Vision

- Make a connection between metadata and end users
- Take a collaborative approach to the library web presence

Barriers to vision - #1

- MARC format is everywhere but does not support current metadata needs
- XC solution:
 - Enable MARC to work with other formats
 - FRBRize MARC data
 - Offer a bridge from MARC to RDA

Barriers to vision - #2

- Library metadata exists in different silos
 - Systems
 - Formats
 - Quality
- XC solution:
 - Transform and aggregate metadata
 - Deliver facetable metadata into new and existing end user environments – where the users are.

Barriers to vision - #3

- Usability testing is no use if you can't change the software
- XC solution
 - Offer a modular architecture for components, metadata services, and user interface features
 - Use established standards and protocols
 - Give it away

Barriers to vision - #4

- Most libraries don't have the resources to customize their website or write code
- XC solution:
 - Integrate with an open source web CMS with:
 - Downloadable web 2.0 features
 - Modular features that can be shared
 - Make CMS functionality work with library metadata
 - Encourage libraries to share their code/features

Drupal Modules

The screenshot shows a Mozilla Firefox browser window displaying the Drupal.org Modules page. The browser's address bar shows the URL <http://drupal.org/project/Modules>. The page features the Drupal logo and a navigation menu with links for Documentation, Download, Support, Forum, Contribute, and Contact. Below the navigation, there is a search bar and a breadcrumb trail: Home » Download. The main heading is "Modules", followed by three tabs: "Browse by category", "Browse by name", and "Browse by date". A filter for "Drupal Core compatibility" is set to "<all>". A paragraph explains that contributed modules are plugins for Drupal that extend, build, or enhance core functionality. A list of categories is shown, including Administration (298), CCK (210), Commerce / advertising (107), Community (205), Content (493), Content display (517), Developer (207), e-Commerce (108), Evaluation/rating (75), Event (51), and File management (68). On the right side, there are three sidebar boxes: "lindah1" with a list of links like "Drupalcon DC Mar 4-7", "Create content", "Issues", "My projects", "My account", "Recent posts", "News aggregator", and "Log out"; "Search downloads" with a search input and a search button; and "Contributor links" with links to "Advanced search", "Queues", "My issues", "271 Pending bugs (D7)", and "240 Critical issues (D7)".

Modules | drupal.org - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://drupal.org/project/Modules

Google Search

Facebook | Your Updates Modules | drupal.org

Drupal Documentation Download Support Forum Contribute Contact

Home » Download

Modules

Browse by category Browse by name Browse by date

Filter by Drupal Core compatibility: <all> Filter

Contributed (contrib) modules are plugins for Drupal that extend, build or enhance Drupal core functionality. Use matching **versions** (modules released for Drupal 5.x will not work for Drupal 6.x). Contributed modules are not part of Drupal core releases and may or may not have optimized code/functionality. If a module solves your needs please consider **joining forces** and helping the maintainer.

Categories

- Administration (298)
- CCK (210)
- Commerce / advertising (107)
- Community (205)
- Content (493)
- Content display (517)
- Developer (207)
- e-Commerce (108)
- Evaluation/rating (75)
- Event (51)
- File management (68)

lindah1

- Drupalcon DC Mar 4-7
- Create content
- Issues
- My projects
- My account
- Recent posts
- News aggregator
- Log out

Search downloads

Search modules, themes and other Drupal downloads.

Search

Contributor links

- Advanced search
- Queues
 - My issues
 - 271 Pending bugs (D7)
 - 240 Critical issues (D7)

Done

Barriers to vision - #5

- Libraries systems vendors and projects like XC have a big hill to climb
- XC solution
 - Focus on the areas that ILS vendors don't (web interface for searching and for library site)
 - Reduce development costs and challenges by using established open-source components like SOLR, Drupal, and MARC4J.

Project Team

- Principal Investigators (4)
- Project Manager
- Developers (7)
- Designer
- Library Staff

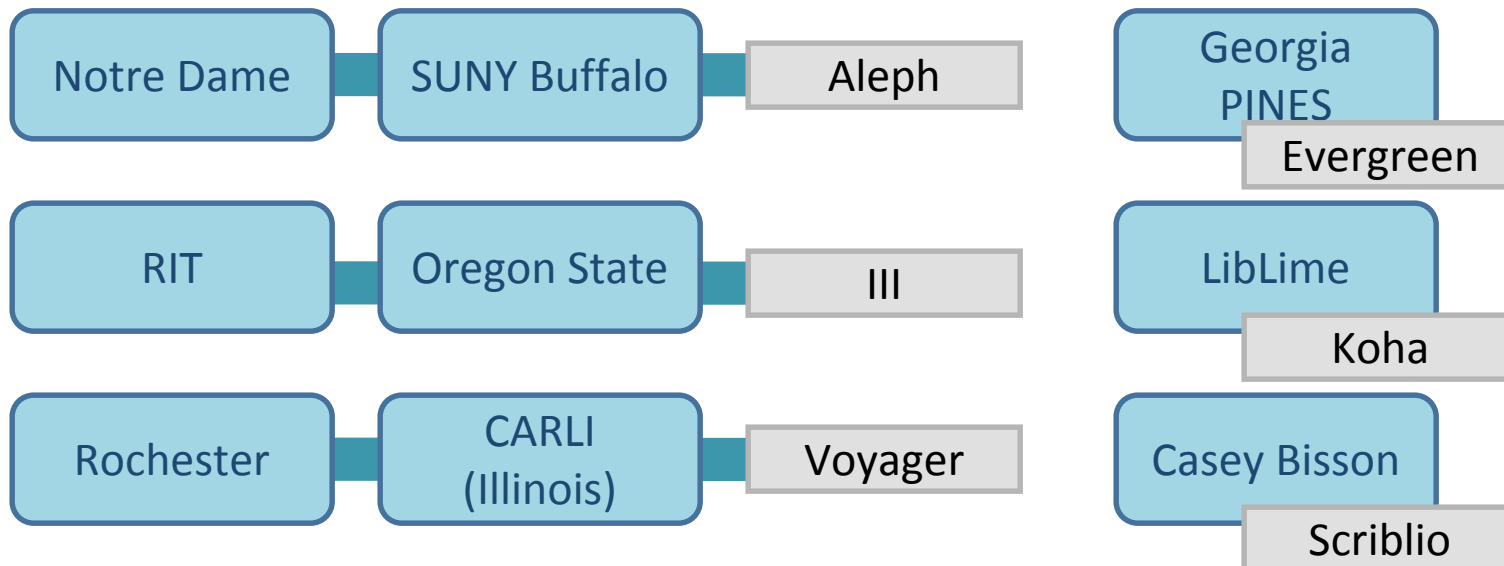


Partnerships

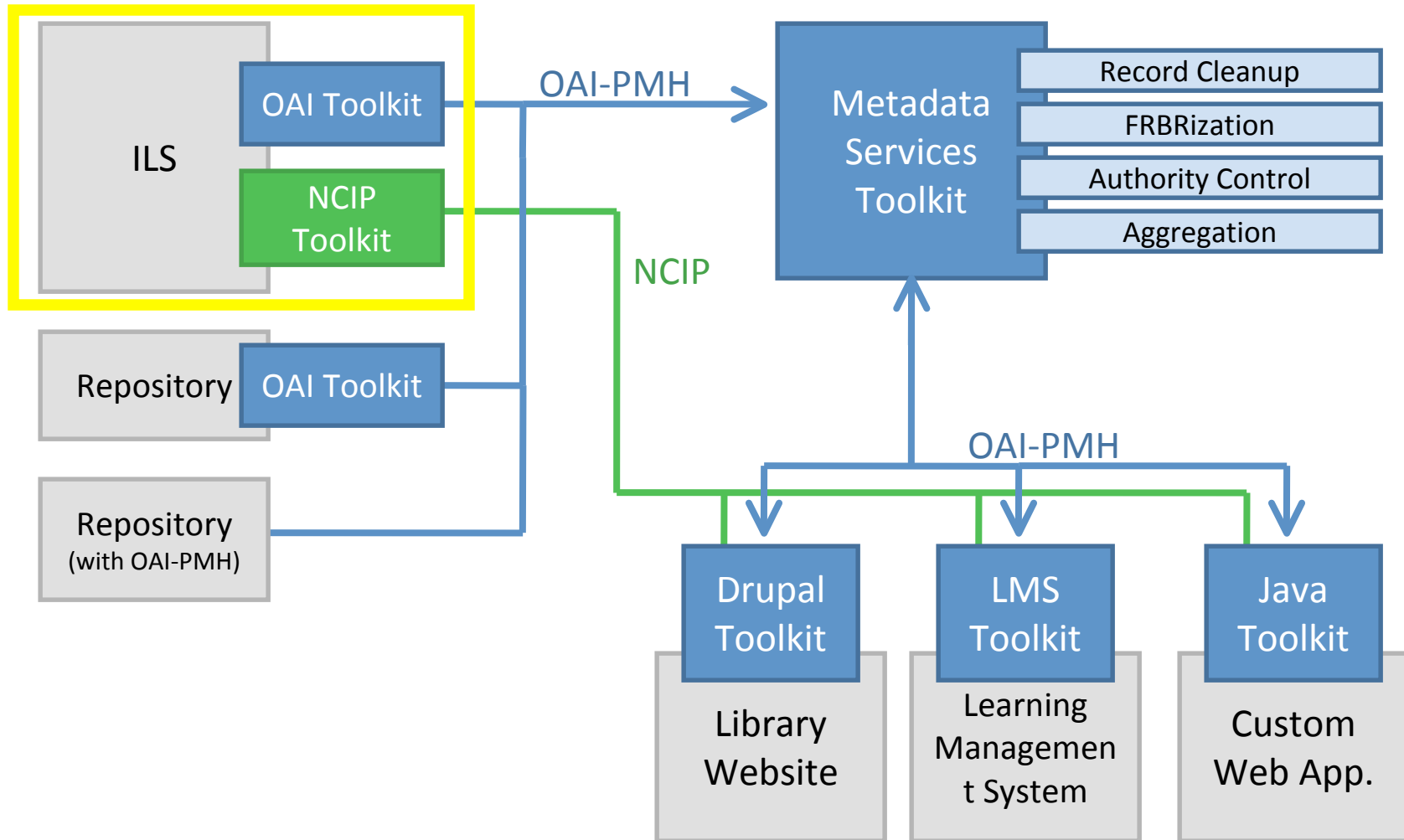
User Research Partners:



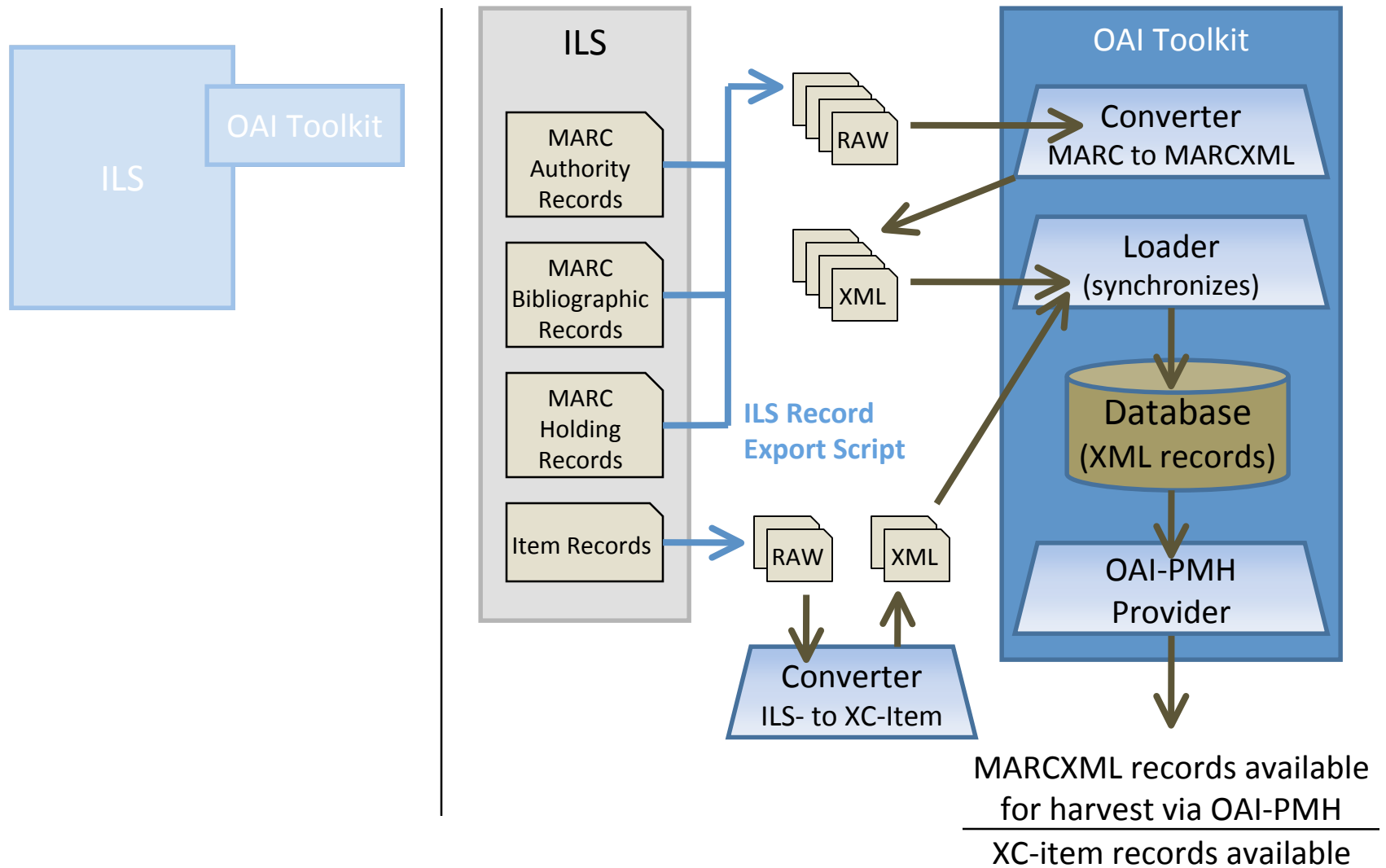
Technology Development Partners:



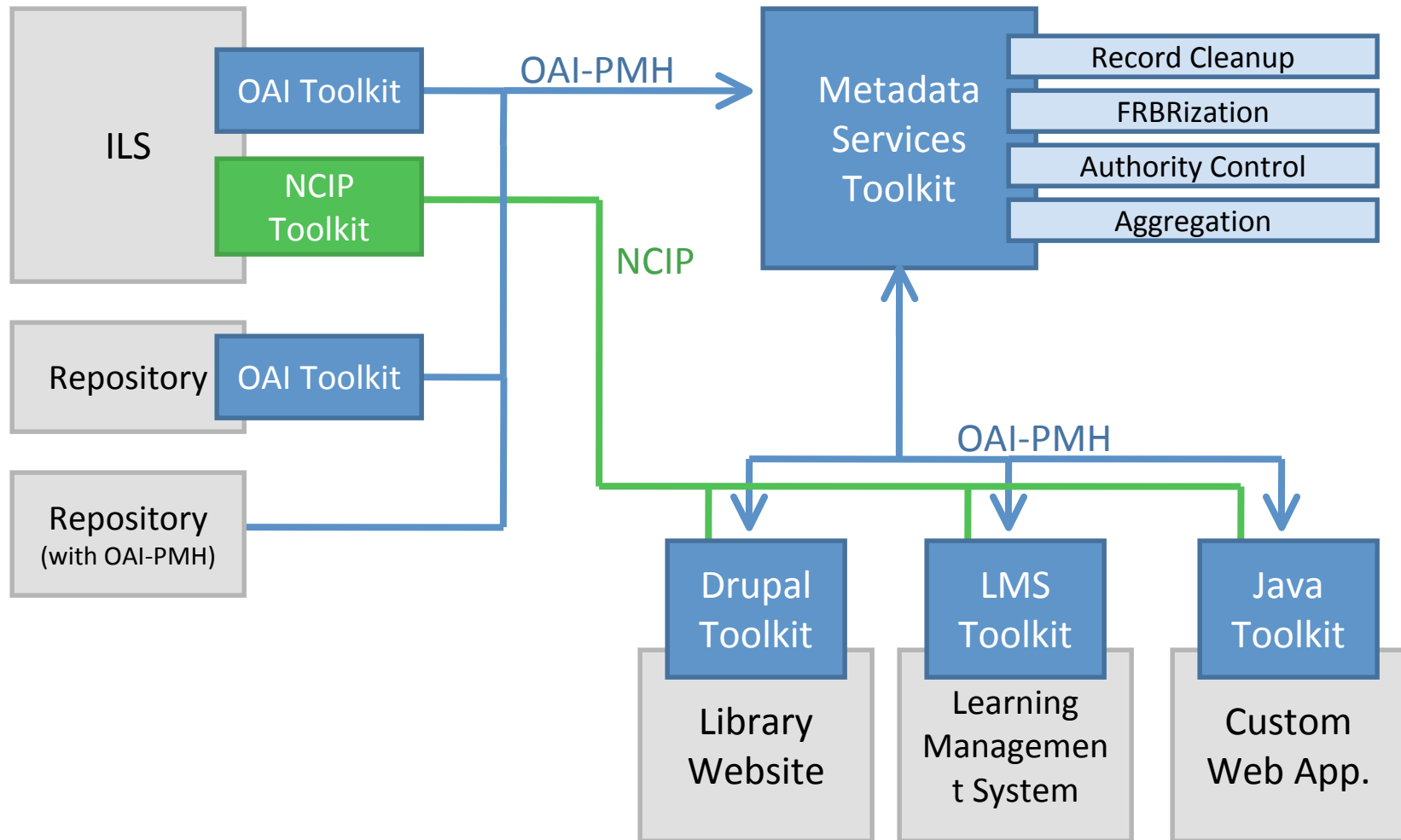
XC Network



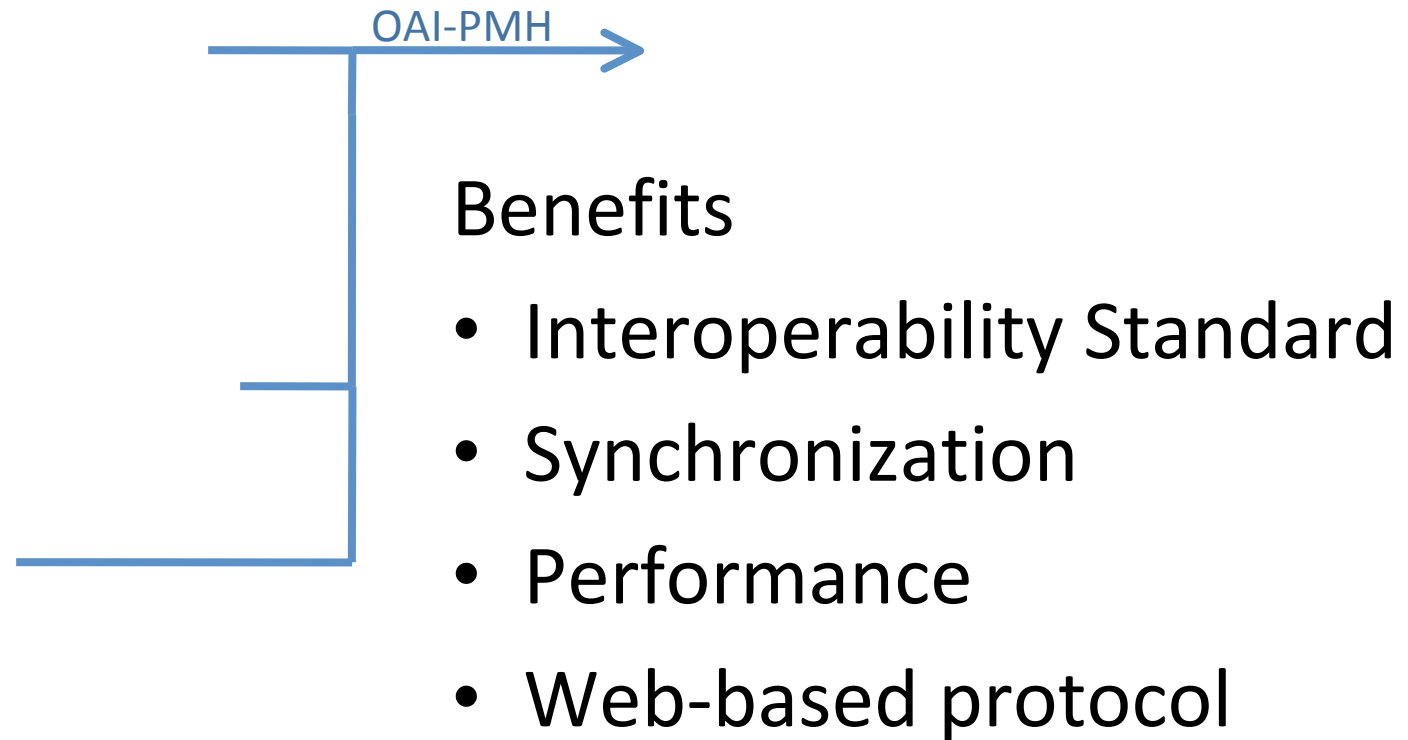
OAI Toolkit



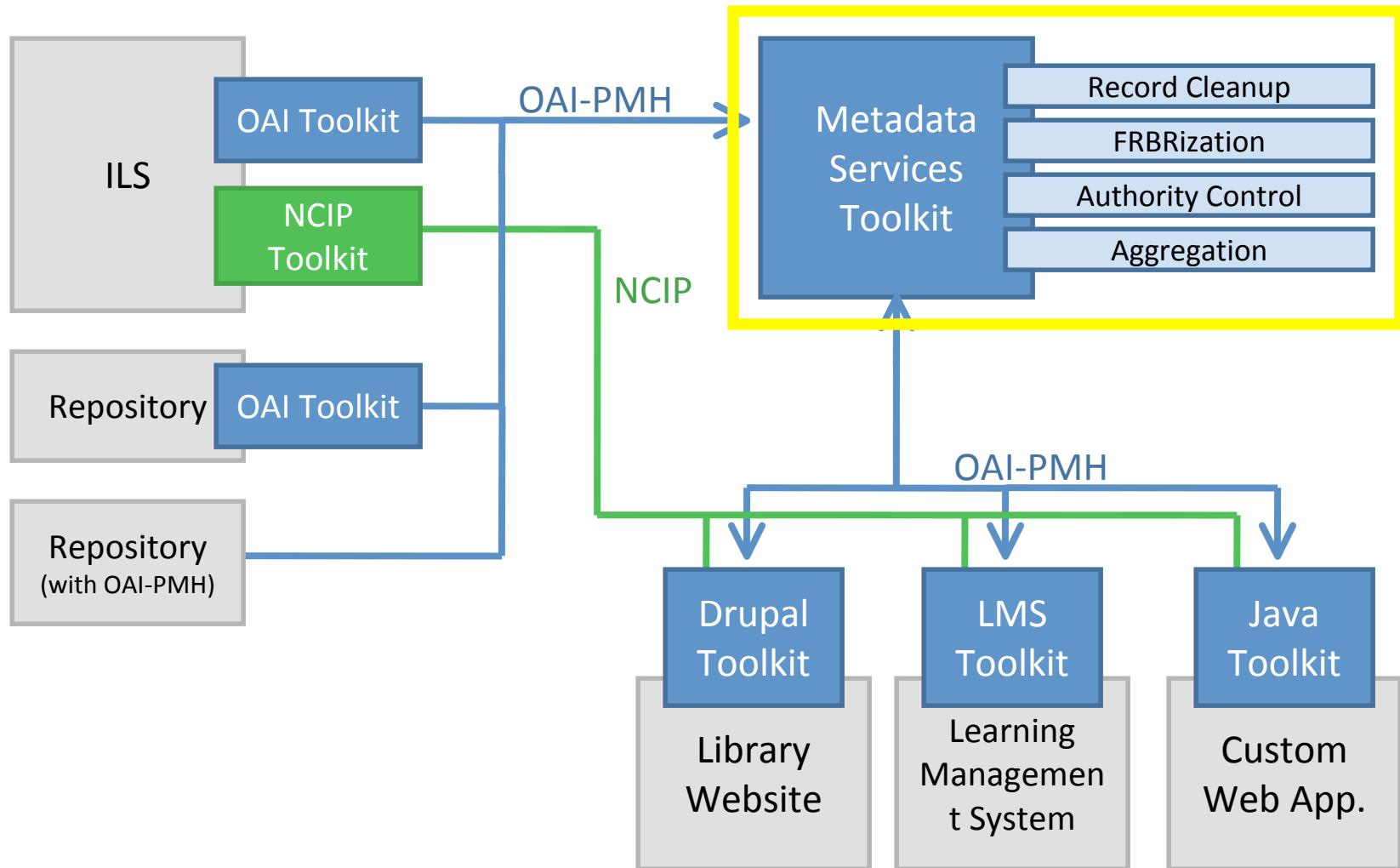
XC Network



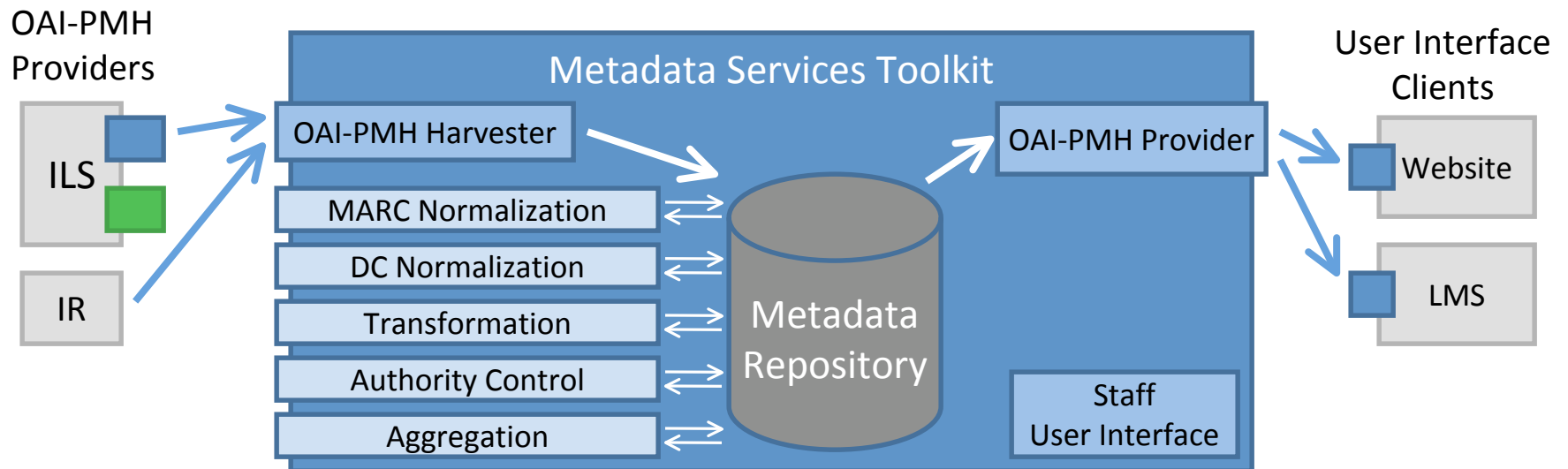
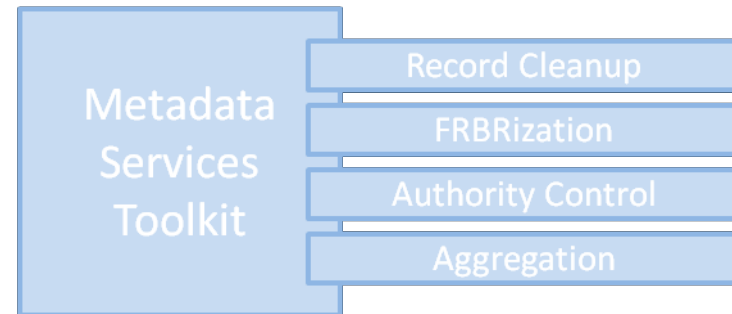
OAI-PMH Protocol



XC Network



Metadata Services Toolkit



Metadata Services Toolkit

- Add Repositories
- Schedule Harvests
- Orchestrate Services
- Debug problems
- Make improved metadata available

Metadata Services Toolkit

Repository Properties

XC Metadata Services Toolkit Hi Bill | Logout

Repositories Harvest Services Browse Records Logs Users/Groups Configuration Search Index

All Repositories **Add Repository**

Repository **Name**

Repository **URL**

Submit/Validate

Metadata Services Toolkit

Add Schedule

XC Metadata Services Toolkit Hi Bill | Logout

Repositories **Harvest** Services Browse Records Logs Users/Groups Configuration Search Index

All Schedules **Add Schedule**

Step 1: Select Repository & Schedule **Step 2: Select Sets & Formats**

Select Repository

Schedule

Daily Run each day

Hourly Run Every minutes each hour

Weekly Run Every at

Start Date

End Date

Note: This could highlight after you select a radio button

Metadata Services Toolkit

Processing Step 1

XC Metadata Services Toolkit Hi Bill | Logout

Repositories Harvest **Services** Browse Records Logs Users/Groups Configuration Search Index

List Services List Processing Directives **Add Processing Directives**

Step 1: Select Source **Step 2: Select Sets & Formats & Services**

Source

Normalize MARC
Transform MARC-XC
Authority Process
Aggregation

Cancel Previous Next

Metadata Services Toolkit

Processing Step 2

XC Metadata Services Toolkit Hi Bill | Logout


Repositories Harvest **Services** Browse Records Logs Users/Groups Configuration Search Index

List Services List Processing Directives **Add Processing Directives**

Step 1: Select Source **Step 2: Select Sets & Formats & Services**

Sets: Bib
 Holdings
 Authority

Formats: MARC
 DC
 XC

Service: 

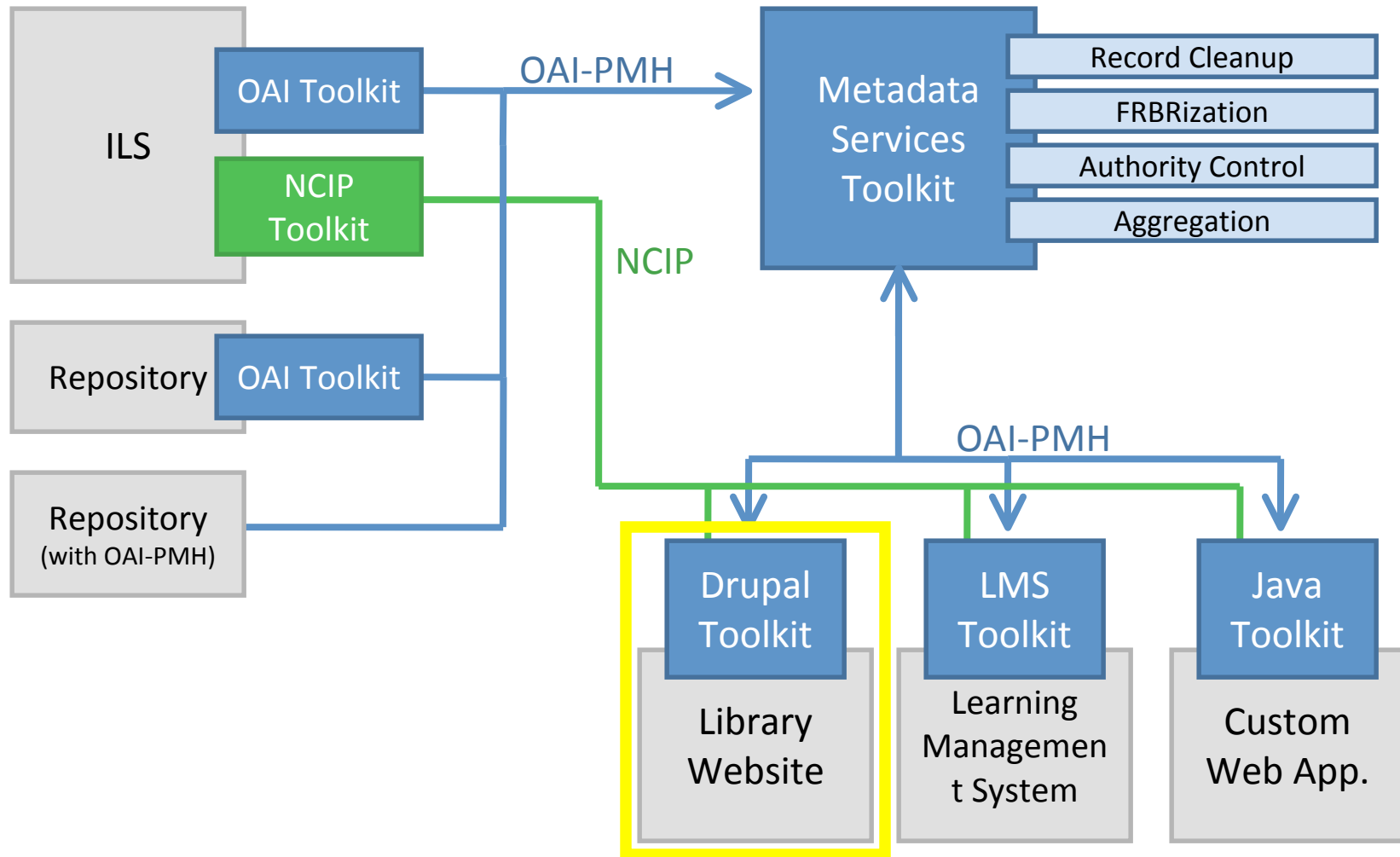
Maintain source sets:

Create output set for this active service:

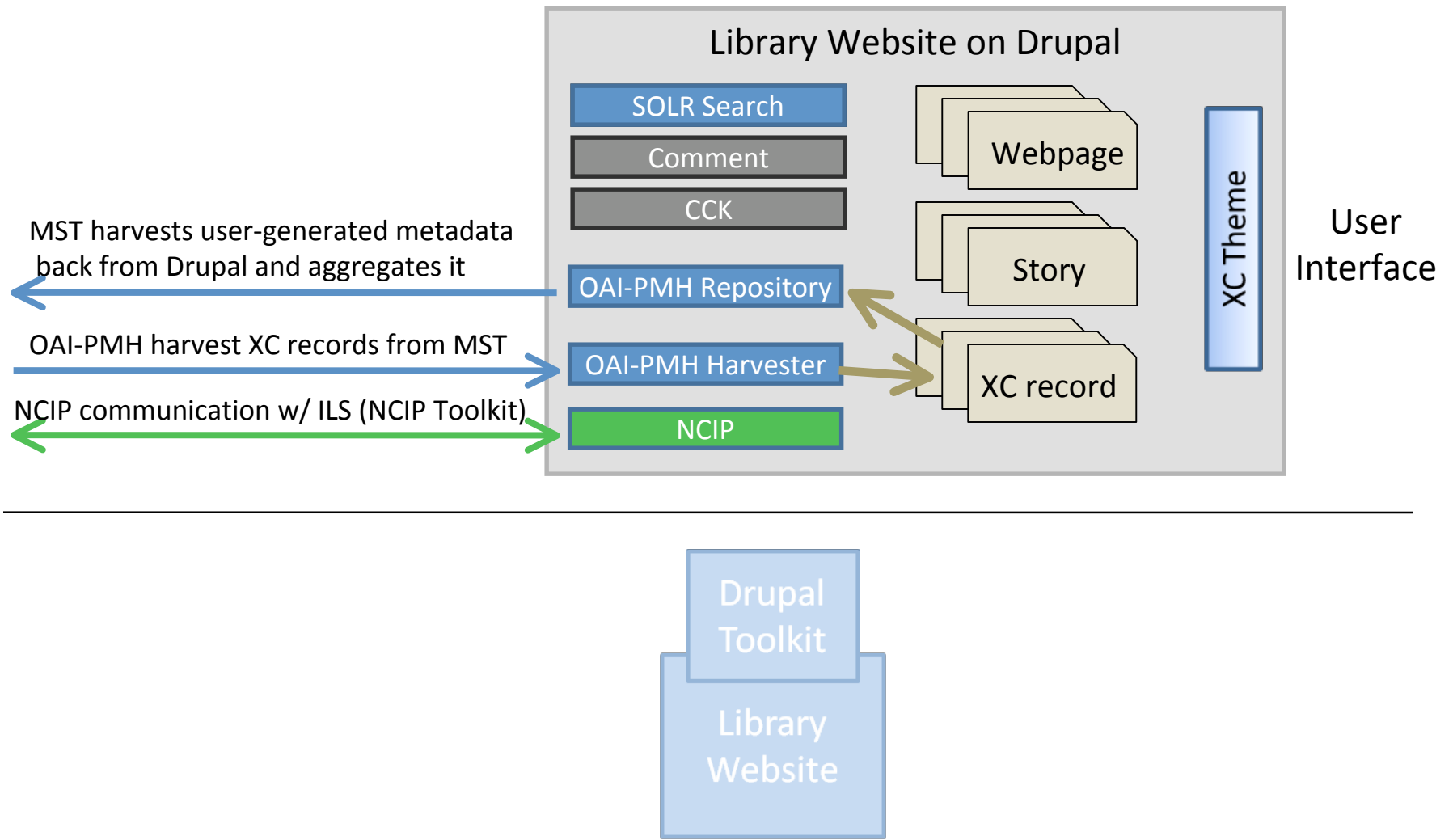
**Harvest-in
Normalize MARC
Transform MARC-XC
Authority Process
Aggregation**

Cancel Previous Done

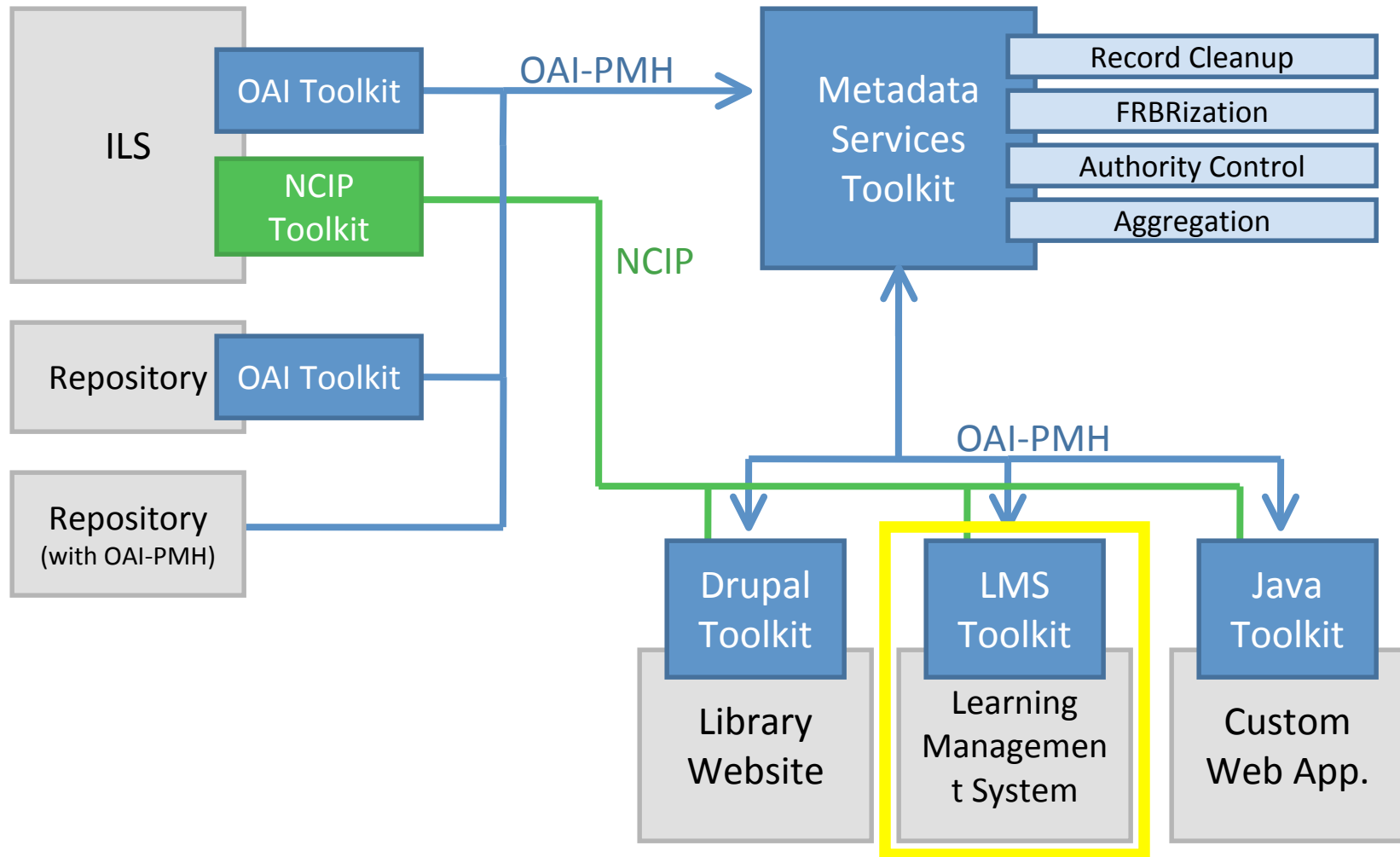
XC Network



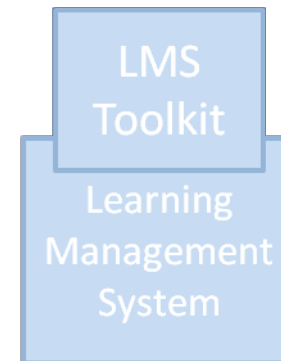
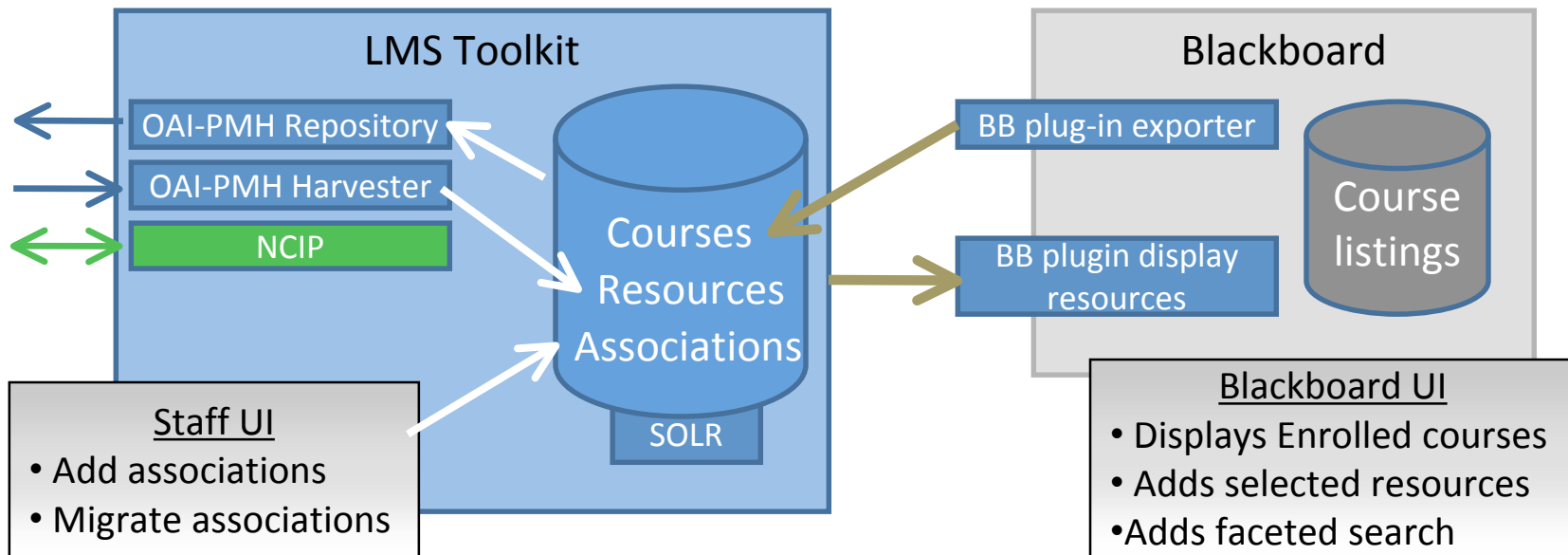
User Interfaces - Drupal



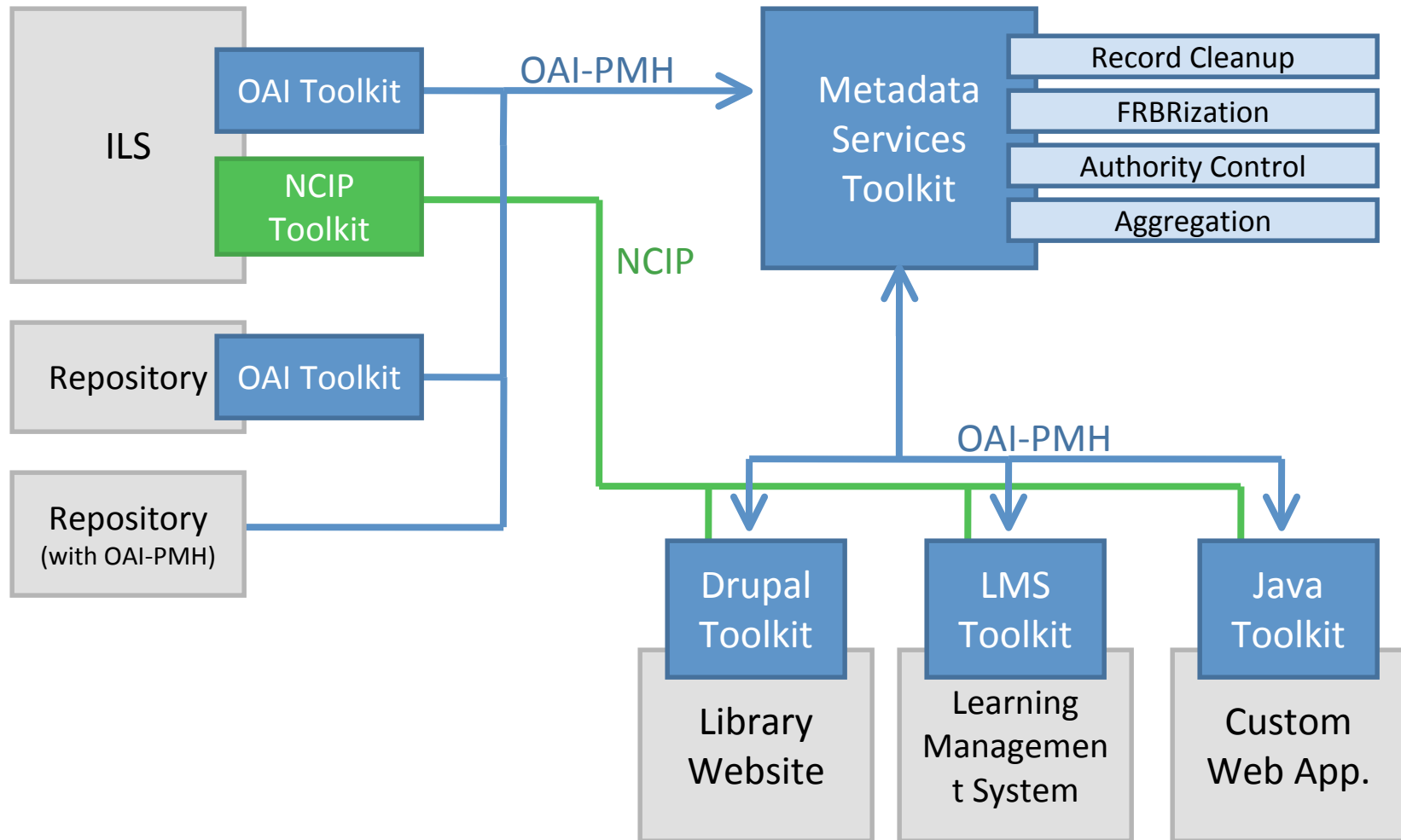
XC Network



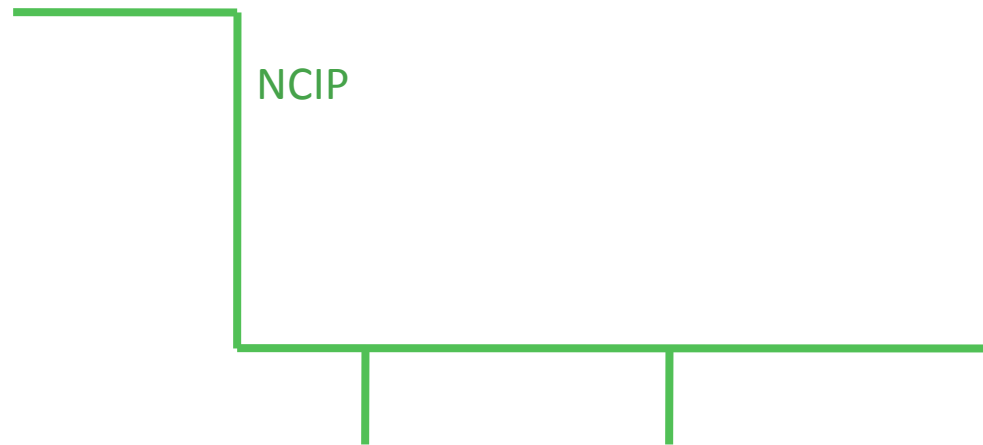
User Interfaces - Blackboard



XC Network



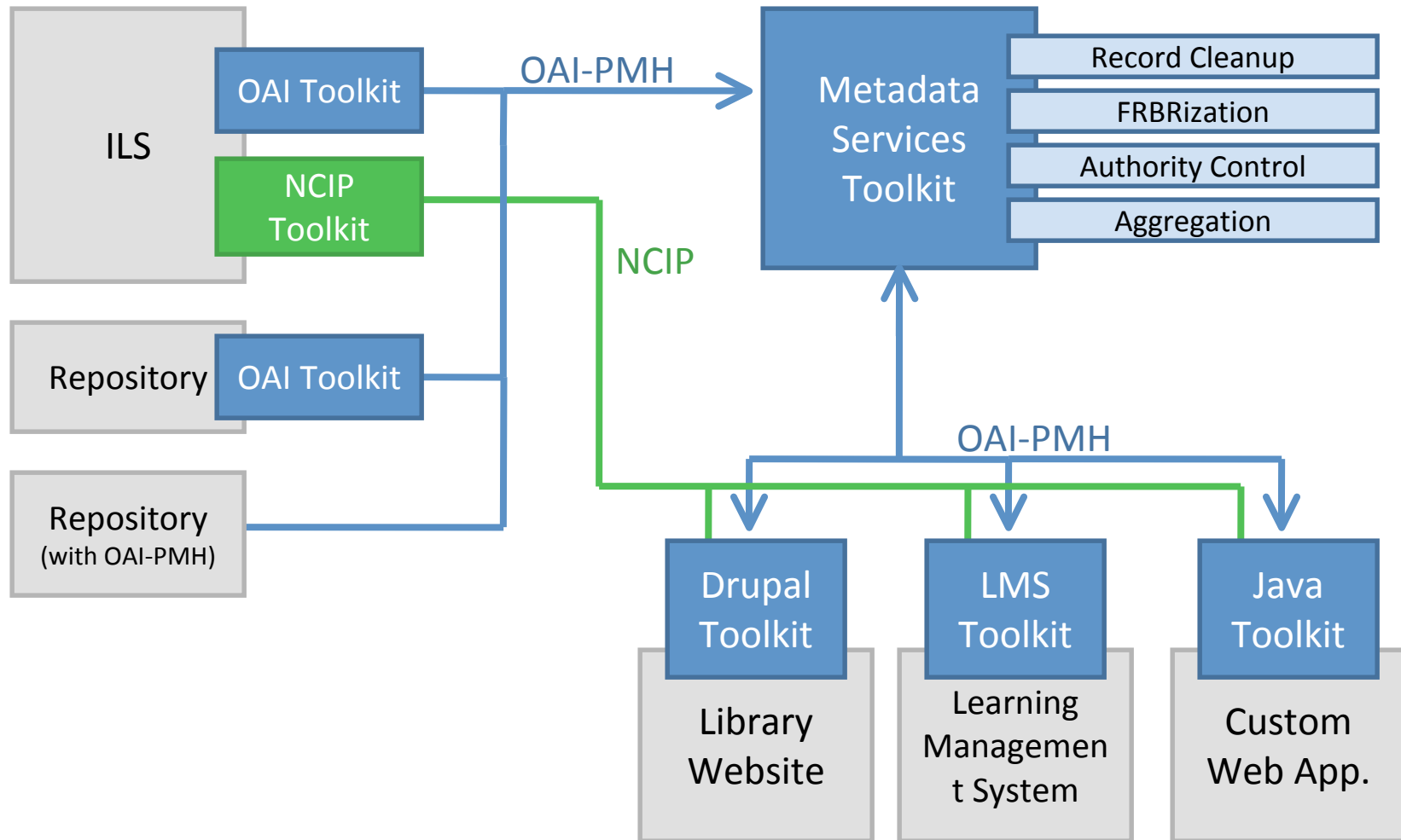
NCIP Protocol



Benefits

- Interoperability Standard
- Authentication, circulation status and circulation requests.

XC Network



FAQ

- How is XC different from similar projects:
 - Open source ILSs: Evergreen, Koha, ...
 - Open source discovery tools: VUFind, Blacklight, ...
- If my library is using WorldCat Local, why should we be interested in XC?
- How is XC able to search across multiple silos?
- Does XC use metasearch technology?

FAQ 2

- Can XC search licensed metadata from subscription databases?
- I've been hearing about XC for over a year. Why is it taking so long?
- I'm a developer. Since XC is open source, I want to start playing with it and contributing code. Why can't I start doing that now?
- When can I download the XC Software?

Wrap up

- Website: eXtensibleCatalog.org
- Email: dlindahl@library.rochester.edu