# Evolution of Digital Libraries

<table>
<thead>
<tr>
<th>First Generation</th>
<th>BRACU Library</th>
<th>Second Generation</th>
<th>BRACU Library</th>
<th>Third Generation</th>
<th>BRACU Library</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Development of Online Catalogs</strong></td>
<td><strong>Experimentation</strong></td>
<td></td>
<td></td>
<td><strong>Institutionalization</strong></td>
<td></td>
</tr>
<tr>
<td>MARC Standard</td>
<td>√ (MARC 21)</td>
<td>Remote Access to Catalogs</td>
<td>√</td>
<td>Integration of digital materials into library collections through a modular systems architecture</td>
<td>√ (Drupal)</td>
</tr>
<tr>
<td>ILS Systems</td>
<td>√ (Koha)</td>
<td>Abstracting/ Indexing Services</td>
<td>√</td>
<td>Federated Search</td>
<td>X</td>
</tr>
<tr>
<td>Cataloguing cooperatives</td>
<td>X</td>
<td>Electronic Journals/Databases</td>
<td>√</td>
<td>User Focus</td>
<td>√</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Institutional repository/Digital library</td>
<td>√ (Dspace)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Discovery Tool</td>
<td>√ (Vufind)</td>
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<td></td>
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</tbody>
</table>
Institutional Repository (Dspace)

2007-2008
http://dspace.bracu.ac.bd

Integrated Library System (Koha)

2009-2010
http://library.bracu.ac.bd/OPAC
Discovery Tool (VuFind)

http://library.bracu.ac.bd/vufind

RFID

SMS Services
New Library Website in Drupal @BRACU
Library Website @BRACU

2010-2011

New Search Interface

Search All Fields

Limit To

Advanced Search

New and Upcoming Books

The new search interface gives you easy access to books, journals and repository items at BRAC University Ayesha Abed Library. It includes everything in the Classic Catalogue, BRAC University Institutional Repository Items and databases and e-journals, all in one search.

Please note: The original catalogue interface, called the Classic Catalogue.
Library Website @BRACU
http://library.bracu.ac.bd

2012 January

2012 October
Most Common Features of a Library Website

- The Ask Us service
- Library Hours (by date, by location)
- Calendars (containing library events, library instruction, etc.)
- Tabbed Search Boxes (homepage entry point to library resources - catalog, articles, databases, ejournals, videos, reserves, special collections, institutional research)
- A promotional space for featured and/or trialed resources, new and/or popular books
- Links to subject guides or other instructional aids
Most Common Features of a Library Website

- Library News & Events blog
- Promotion of the unique resources of the library (Special Collections, University Archives)
- Integration with social media (Twitter, Facebook, RSS Feed)
- Requests for feedback on library services or resources (i.e., trials)
- Showcase of book jackets, new services, special announcements, etc.
- Site Search
Open Source Content Management Systems

- Joomla
- Word Press
- Drupal
What is Drupal?

- Drupal is a free Content Management System (CMS) that allows an individual, a community of users, or an enterprise to easily organize, manage and publish a wide variety of content in a website.
- Drupal is open-source software distributed under the GPL (GNU General Public License) and is maintained and developed by a community of 630,000+ users and developers.
- Created by Dries Buytaert as message board in 1999 and open sourced in 2001.
Why Drupal for Libraries

* Free and Open Source
* Stable, Secure and Flexible Platform
* Enormous active community of users and developers
* Easy to deploy a robust web site quickly and easily
* Thousands contributed features
* Easy to include many elements of social networking
Why Drupal?

- Makes customizing library tools for local specifications easy
  - ILS
  - Discover Layer/metasearch tools
  - Library Guides
- Actively participating in open source communities can save everyone tome, headache, and effort
The White House
http://www.whitehouse.gov/
Cabinet Office UK
http://www.cabinetoffice.gov.uk/
Resources

* Drupal Library Community
  * [http://groups.drupal.org/libraries](http://groups.drupal.org/libraries)
  * [http://drupal.lib.interoperating.info](http://drupal.lib.interoperating.info)
  * [http://drupal4lib.org/](http://drupal4lib.org/)
  * [http://drupal.meetup.com/](http://drupal.meetup.com/)
* Drupal Modules
  * [http://drupal.org/project/modules](http://drupal.org/project/modules)
* Drupal Themes
  * [http://drupal.org/project/themes](http://drupal.org/project/themes)
* Article
  * Tofan, Cristina, "The Application of Drupal to Website Development in Academic Libraries" (2010). Library Faculty and Staff Papers and Presentations. Paper 2. [http://encompass.eku.edu/faculty_staff/2](http://encompass.eku.edu/faculty_staff/2)
  * Greenstein, Daniel, Three Generations of Digital Libraries
Thank You