Undersøgelse af mulighederne for anvendelse af open source Integrated Library Systems (ILS) i universitetsbiblioteket
DEFF Afrapportering

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Overordnet projektbeskrivelse

Systemlandskabet for materialer håndteret i klassiske bibliotekssystemer (Integrated Library Systems - ILS) er i forandring. Inden for det seneste årti er der dukket flere Open Source baserede løsninger frem.

Nogle biblioteker har højt tempo i disse forandringer og andre lidt lavere - men forandringerne er drevet af ændrede behov hos brugerne, øget digitalt indhold og nye ønsker til integration i andre løsninger (typisk integreret search o.lign.).

I denne forandrede virkelighed er systembehovene helt anderledes og meget mindre. Det er blevet realistisk, at små åbne systemer til egen lokal drift (eller hosting hos mindre organisationer) for nogle biblioteker kan være - eller vil blive - en rentabell måde at lade bibliotekets systemunderstøttelse af trykte materialer på.

Dette DEFF finansierede projekt har til formål, at to biblioteker (med lidt afvigende profil) gennemfører test af konkrete Open Source baserede ILS systemer, formidler resultaterne til FFU medlemmer og disse omsider den kommunale deltagende bibliotek i det danske bibliotekslandskab.

De to deltagende biblioteker

SDUB: Symphony/SirsiDynix - ILS i current development, OPAC, API and web services, close relations, active user community. Administration and local development is done by system librarians. No technical staff at the library. Servers are maintained by IT-service SDU.

DTU Library: Aleph/ExLibris. DTU Findit user interface developed in Ruby on Rails (via Project Blacklight.org), by local DTU system librarians. Aleph is hosted at The Royal Library.

DTU Findit is run on local servers maintained by DTU Library.

Internationale erfaringer

Commercial ILS providers seem unwilling to sell exactly what some libraries want. In Germany, Sweden and United Kingdom outdated or dissatisfactory ILS have inspired some libraries to develop locally and become master in their own libraries.

Submitted by DEFF a two-day Master Class was held in August with speakers from Libraries (SOAS, UK at Kuali OLE; SUB, Sweden planning for Koha) and solution providers (BSZ-SWB, Germany 19 libraries at Koha; hba-VZG, Germany planning for Kuali OLE). Participants from most Danish Research Libraries participated in the Master Class.

Koha

What is Koha?

IntegratedLibrarySystem

Opensource

Core modules:

Acquisition
Patrons
Cataloging
Reports
Circulation
Serials

Diverse international community

Different languages, cultures, timezones

Libraries of all types and sizes

Transparency Not only open source, but also open discussion and decision making

Directed by libraries in the community

Online
IRC Chat #koha
Mailing lists
KohaCon
Newsletter
Koha Hackfests
Twitter #kohains
Blogs

In Person

KohaCon
KohaHackfests
Koha User Groups
Other regional events

Kuali

Live since August 2014

"Next Generation System"?

Web- and cloud-based concept

Modular design

Open APIs

Integration on enterprise level

Back end system: acquisitions, cataloguing, circulation

Integrated management for electronic resources (ERM)

Front end and integration of discovery services, e.g. VuFind, DigiBib, EDS (EBSCO)

Functional Concept

4 connected modules

Missing functionality can be developed and added at any time

Open code and technical architecture

Based on Kuali enterprise architecture

Technical components

Hardware: Kuali OLE can be built on both windows and linux platforms.

Building application: Maven 3, Java 7, 99 client

Running application: Apache tomcat 6/7, MySQL 5.5 or greater, or Oracle 11g

http://www.kuali.org/

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