KORA
OPEN SOURCE DIGITAL REPOSITORY PLATFORM FOR CULTURAL HERITAGE
kora.matrix.msu.edu

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speakerdeck.com/u/watrall
CONTENTdm

DSpace

Fedora

ePrints

Omeka

IR+

VITAL

FEZ

Moai

ArchivalWare

DAITSS

Greenstone

DigiTool

Masterkey

Digital Commons

umm, WordPress?

IR+

VITAL

FEZ

IR+

VITAL

FEZ

IR+

VITAL

FEZ

IR+
KORA
OPEN SOURCE DIGITAL REPOSITORY PLATFORM (ORIGINALLY) INTENDED FOR CULTURAL HERITAGE CONTENT DEVELOPED AT MATRIX
OPEN SOURCE DIGITAL REPOSITORY PLATFORM
(ORIGINALLY) INTENDED FOR CULTURAL HERITAGE
CONTENT DEVELOPED AT MATRIX
FEATURES
OPEN SOURCE: GNU GENERAL PUBLIC LICENSE, V 2

SERVER: LINUX/UNIX (WILL ALSO RUN ON WINDOWS SERVER)

REQUIREMENTS: PHP 5.1.3 OR GREATER & MYSQL 5.0.3 OR GREATER
KORA METADATA

🌟 FLEXIBLE METADATA SETUP: ANY METADATA SCHEME

🌟 METADATA SCHEME CAN VARY ACROSS PROJECTS WITHIN SAME KORA INSTALL

🌟 TEI, VRA CORE, DARWIN CORE, CDWA, DUBLIN CORE, METS...

🌟 SUPPORTS PRESERVATION METADATA
KORA ASSOCIATION

⭐️ POWERFUL ASSOCIATOR TOOL THAT ALLOWS FLEXIBLE ASSOCIATION BETWEEN OBJECTS IN THE REPOSITORY

⭐️ ASSOCIATION FUNCTIONS WITHIN REPOSITORIES AND ACROSS REPOSITORIES IN THE SAME KORA INSTALL
KORA
SEARCHING & INDEXING

★ ROBUST SEARCHING WITHIN PROJECTS

★ FEDERATED SEARCHING ACROSS PROJECTS WITHIN THE SAME KORA INSTALL

★ APACHE SOLR FOR INDEXING AND FAST (FACETED) SEARCHING
KORA

DATA PORTABILITY

⭐ EXPORT DATA (ENTIRE DATA SET OR SPECIFIC SUBSET) AS STRUCTURED XML

⭐ IMPORT STRUCTURED XML (ZIPPED FILED, INDIVIDUAL FILE, OR MULTIPLE FILES IN FOLDER)

⭐ IMPORTED XML IS PARSED & USER SETS HOW IMPORTED DATA IS MAPPED TO EXISTING METADATA SCHEME
KORA

PUBLICATION

🌟 BUILD OUTWARD FACING WEBSITES WITH SIMPLE PHP HOOKS

🌟 URI GENERATION FOR ANY OBJECT WITHIN THE REPOSITORY

🌟 OAI-PMH TO EXPOSE STRUCTURED METADATA (LOW-BARRIER MECHANISM FOR REPOSITORY INTEROPERABILITY)
ROADMAP
🌟 PLUGIN BASED ARCHITECTURE TO REDUCE SOFTWARE BLOAT, ENCOURAGE OPEN SOURCE DEV, & GROW FEATURES

🌟 DATABASE AGNOSTICISM

🌟 RADICAL RE-ARCHITECTING TO FACILITATE MUCH LARGER DATASETS AND FASTER SEARCHING

🌟 UX CHANGES THAT ALLOW USER CUSTOMIZATION

🌟 MOBILE TOOLS, IMPROVE TRUSTED DIGITAL ARCHIVE TOOLS, 3RD PARTY PLATFORM FUNCTIONALITY
PUNCHLINE?
silos = bad

(a grain solo, just in case you didn’t know)
OPEN
Dude, the open web is AWESOME! Trust me!
FIN

QUESTIONS?

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