

KORA

OPEN SOURCE DIGITAL REPOSITORY PLATFORM FOR CULTURAL HERITAGE

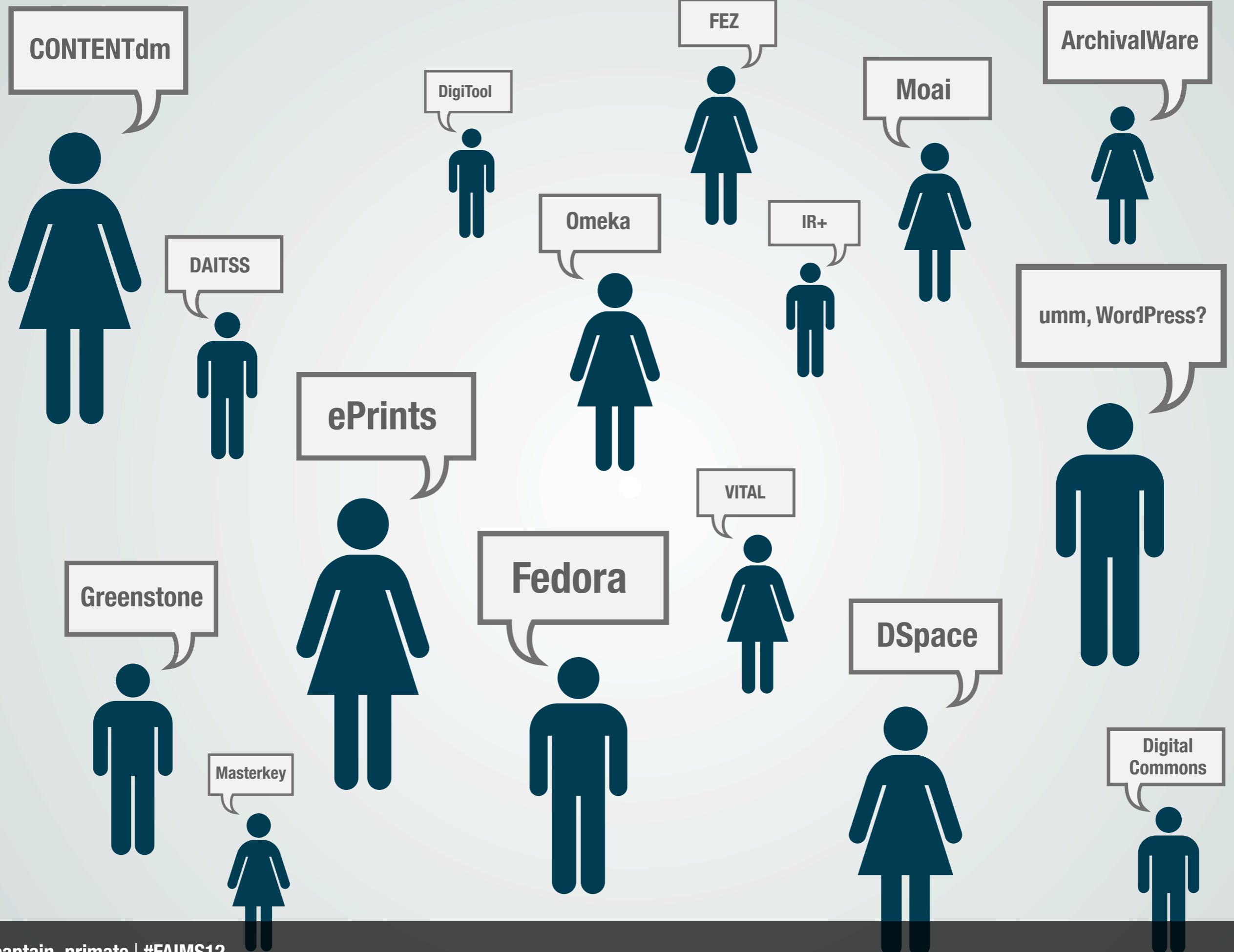
kora.matrix.msu.edu



Dr. Ethan Watrall
Department of Anthropology
MATRIX: The Center for the Arts, Letters, & Social Sciences Online
Michigan State University
@captain_primate



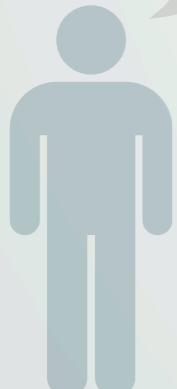
speakerdeck.com/u/watrall



CONTENTdm



Greenstone



Masterkey



DAITSS



ePrints



DigiTool



Fedora



Omeka



FEZ



IR+



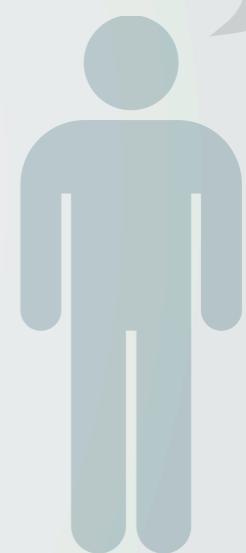
Moai



ArchivalWare



umm, WordPress?



DSpace



Digital Commons



KORA



**OPEN SOURCE DIGITAL REPOSITORY PLATFORM
(ORIGINALLY) INTENDED FOR CULTURAL HERITAGE
CONTENT DEVELOPED AT MATRIX**

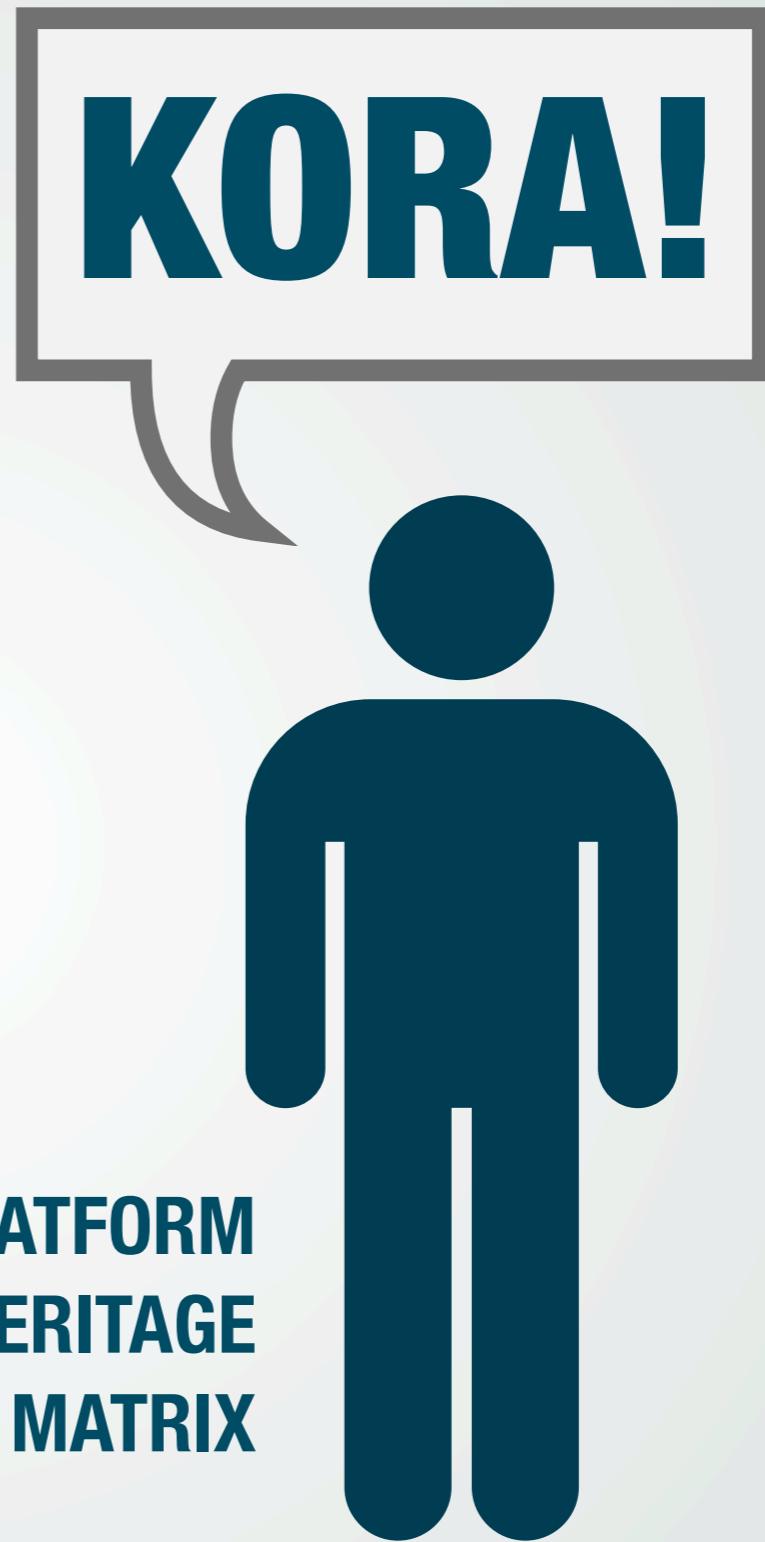








**OPEN SOURCE DIGITAL REPOSITORY PLATFORM
(ORIGINALLY) INTENDED FOR CULTURAL HERITAGE
CONTENT DEVELOPED AT MATRIX**





@captain_primate | #FAIMS12



FEATURES

KORA ARCHITECTURE

- **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 VARRY 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)**

A photograph of a rural landscape under a blue sky with scattered white clouds. A dirt road curves from the foreground towards the horizon. To the right, there's a cluster of trees and shrubs. The terrain is a mix of green grassy fields and some brown, dry-looking areas.

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?





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silos = bad



(a grain solo, just in
case you didn't know)

OPEN





DUDE, THE OPEN WEB IS
AWESOME! TRUST ME!

OPEN WEB

CULTURE OF SHARING



FIN QUESTIONS?



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[@captain_primate](https://twitter.com/captain_primate)