

## CONTENTdm Update

Christian Sarason  
*OCLC*

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Sarason, Christian, "CONTENTdm Update" (2014). *CONTENTdm Users Group Meeting, May 2014*. 6.  
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20 May, 2014

# CONTENTdm Update

OCLC CONTENTdm Update

Christian P. Sarason



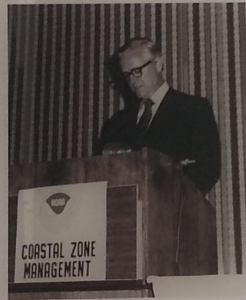
## NOAA, NASA, and Ernest F. Hollings

*The Ernest F. Hollings Special Collections Library is named for visionary statesman "Fritz" Hollings, whose distinguished career includes over half a century of service as a member of the S.C. House, Lt. Governor, Governor, and U.S. Senator.*

### NOAA

Hollings worked to protect South Carolina's natural resources from his first years in the Senate. In 1970, he pushed successfully for the founding of NOAA, an agency that guides the use and protection of ocean and coastal resources and conducts research to improve understanding and stewardship of the environment.

In 1972, Hollings authored and steered the Coastal Zone Management Act through the Senate in an effort to manage the coastal zone, regulate ocean dumping, and prevent shoreline erosion.



Above, Hollings addresses a meeting of NOAA, late 1970s.



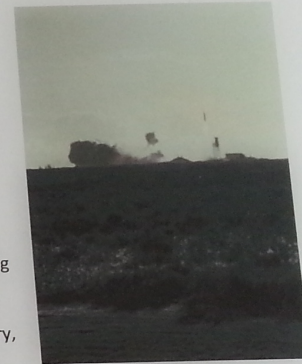
At left, Hollings (far left) listens as Jacques Cousteau (foreground) testifies at Commerce Committee hearings on the Coastal Zone Management Act, Oct. 1971.

*In the U.S. Senate (1966 to 2005), Hollings became a recognized expert on the federal budget, telecommunications, nutrition, the oceans and environment, defense and trade. He was keenly interested in the programs of NOAA (National Oceanic and Atmospheric Administration) and NASA (National Aeronautics and Space Administration).*

### NASA

NASA leads U.S. efforts for space exploration. Hollings was supportive of their programs including the Apollo missions to the Moon, the Skylab space station, and the Shuttle, and he served on congressional committees investigating the Space Shuttle *Challenger* and *Columbia* tragedies in 1986 and 2003.

Southern Governors visited Cape Canaveral on Oct. 2, 1962. Below, Hollings stands on a viewing platform (tallest governor near the right). The following day brought the launch of Mercury-Atlas 8, the 5<sup>th</sup> manned flight of Project Mercury, the first human spaceflight program.



**UNIVERSITY LIBRARIES**  
University of South Carolina | **South Carolina Political Collections**



# #LODLAM



**Jon Voss** @jonvoss · May 19

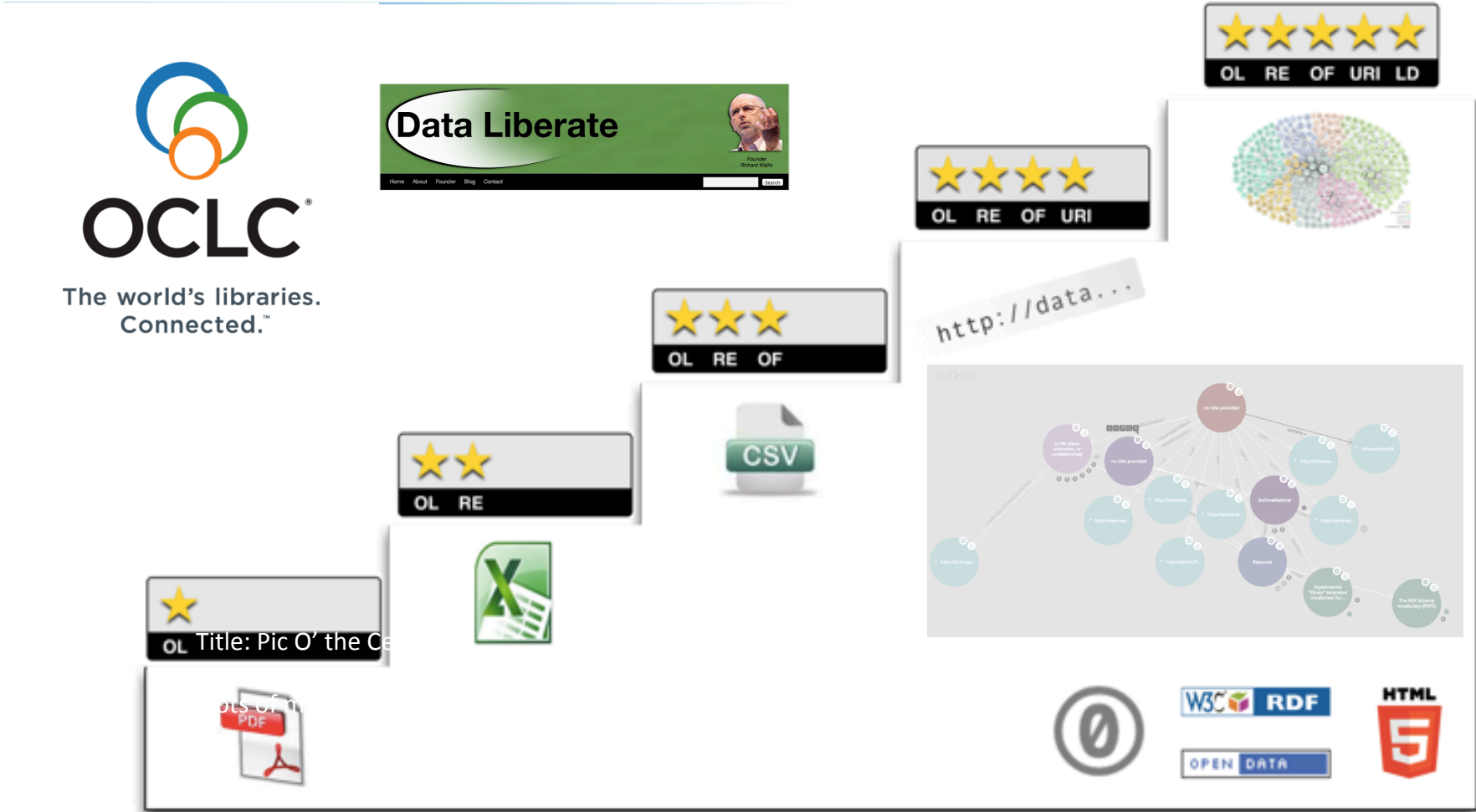
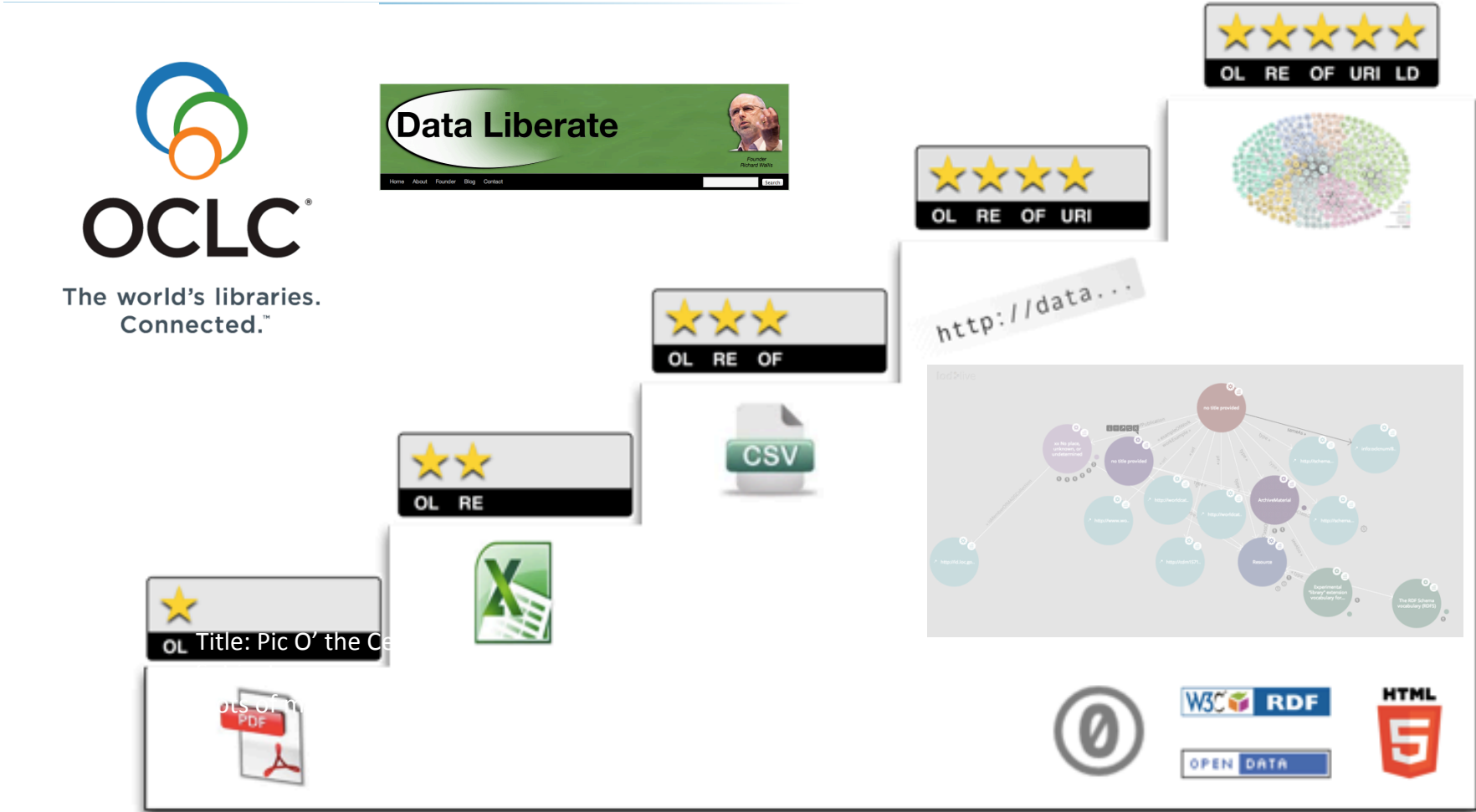
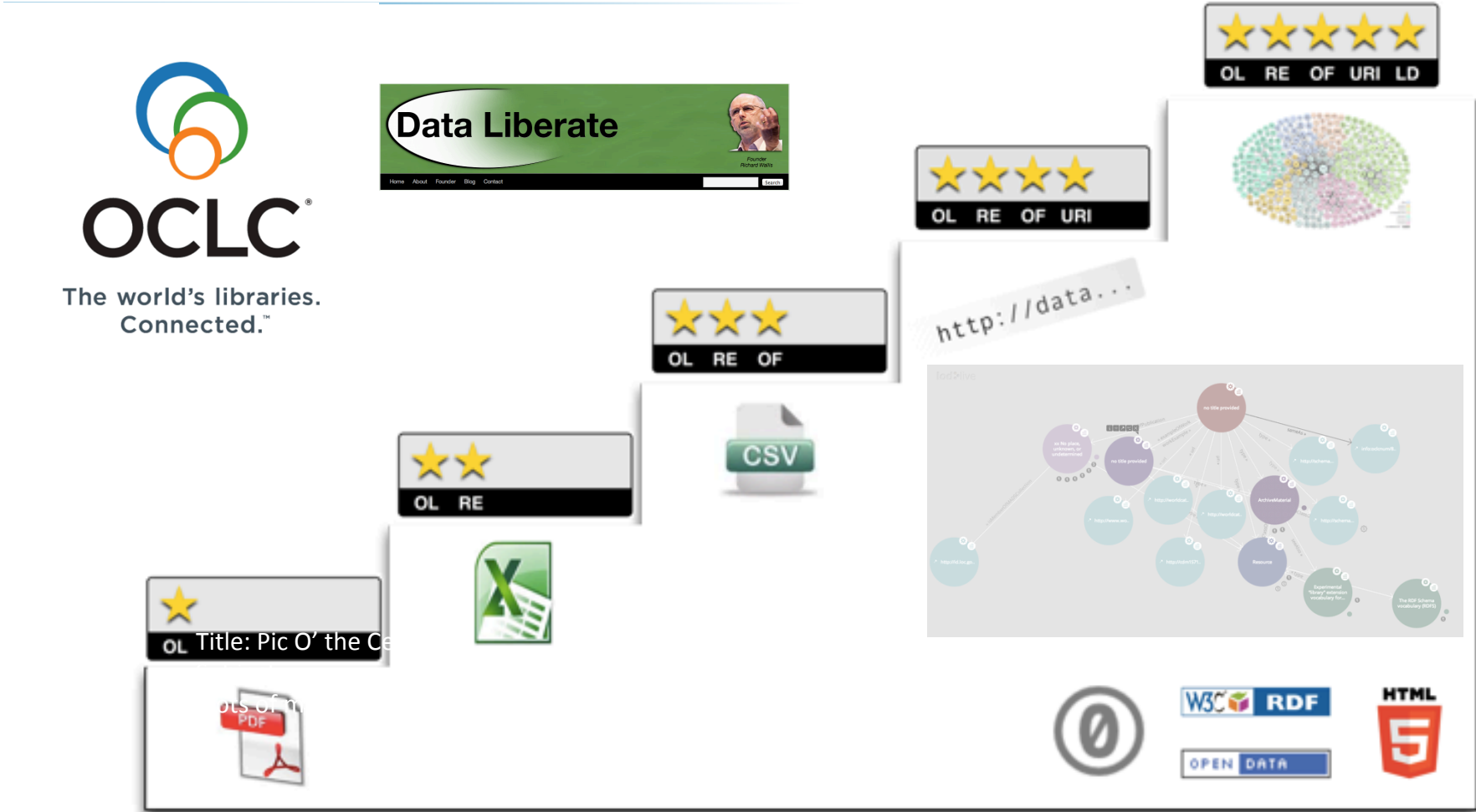
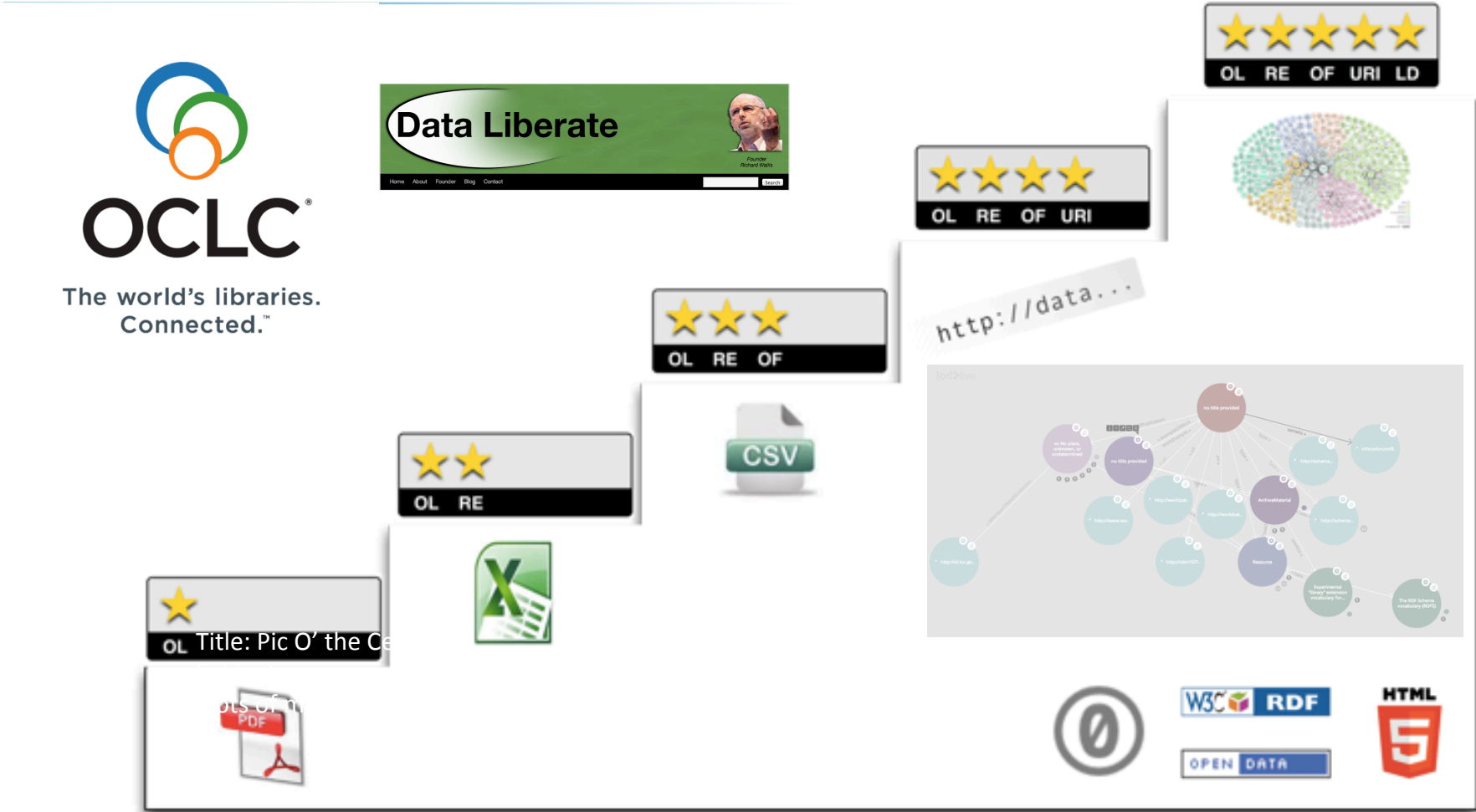
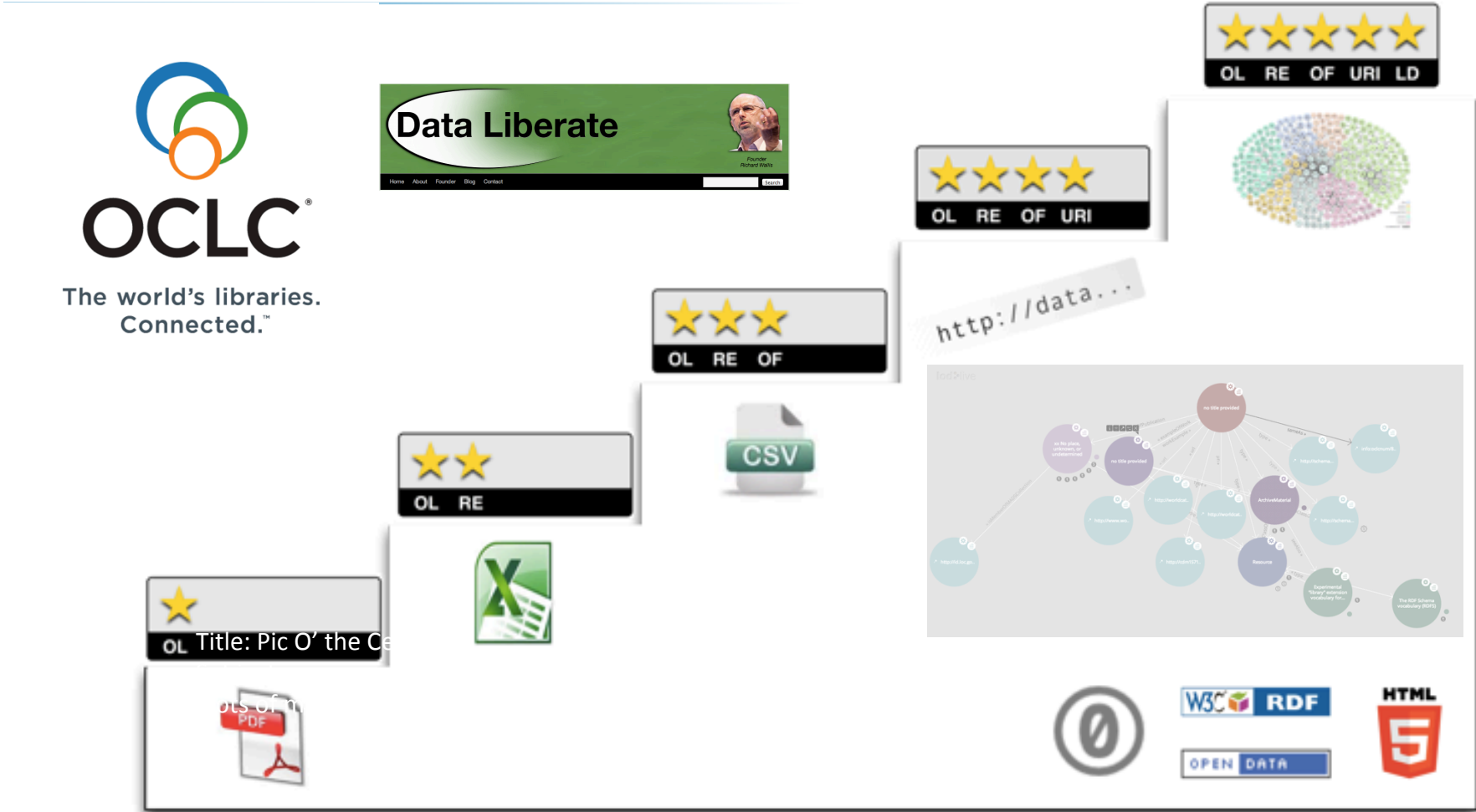
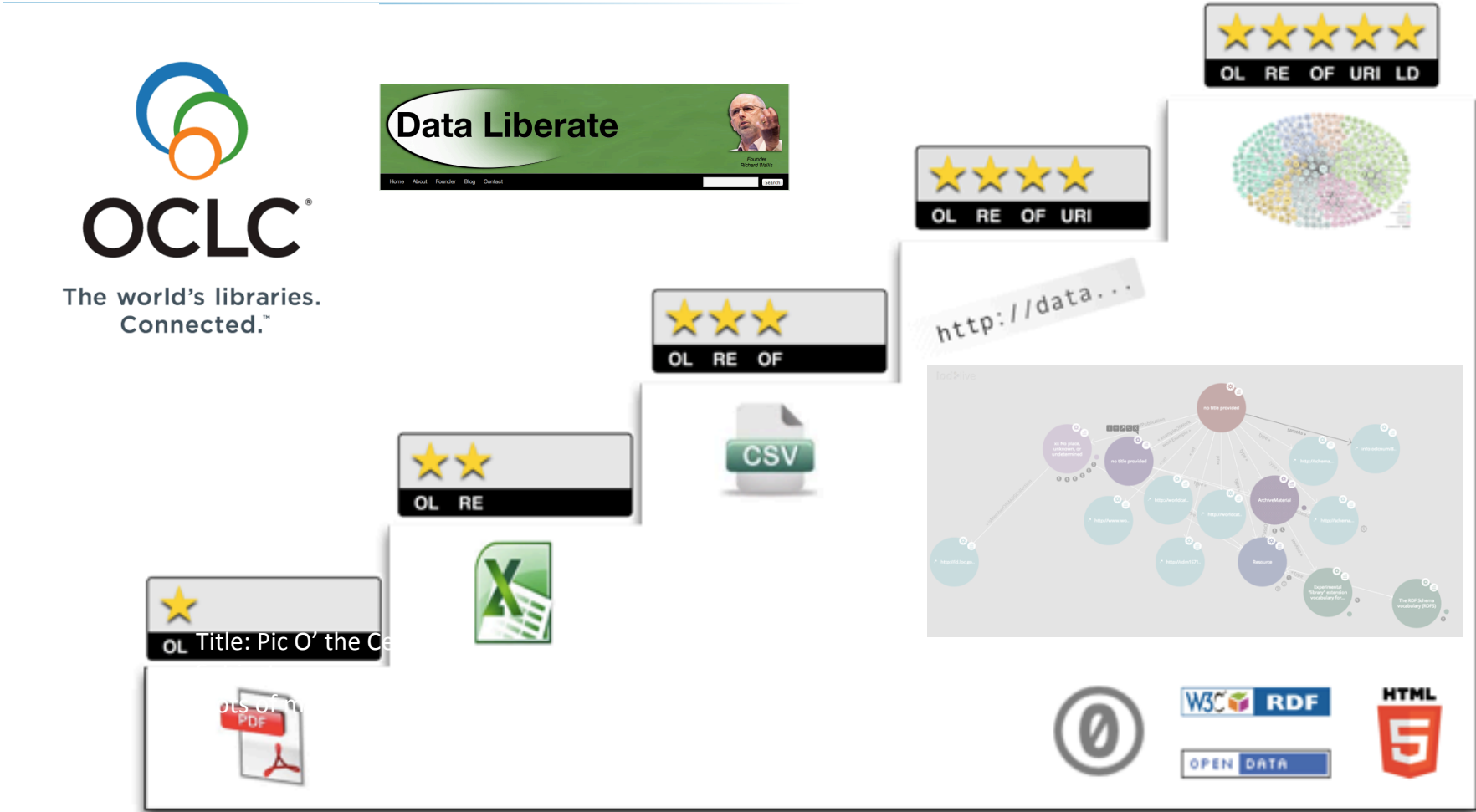
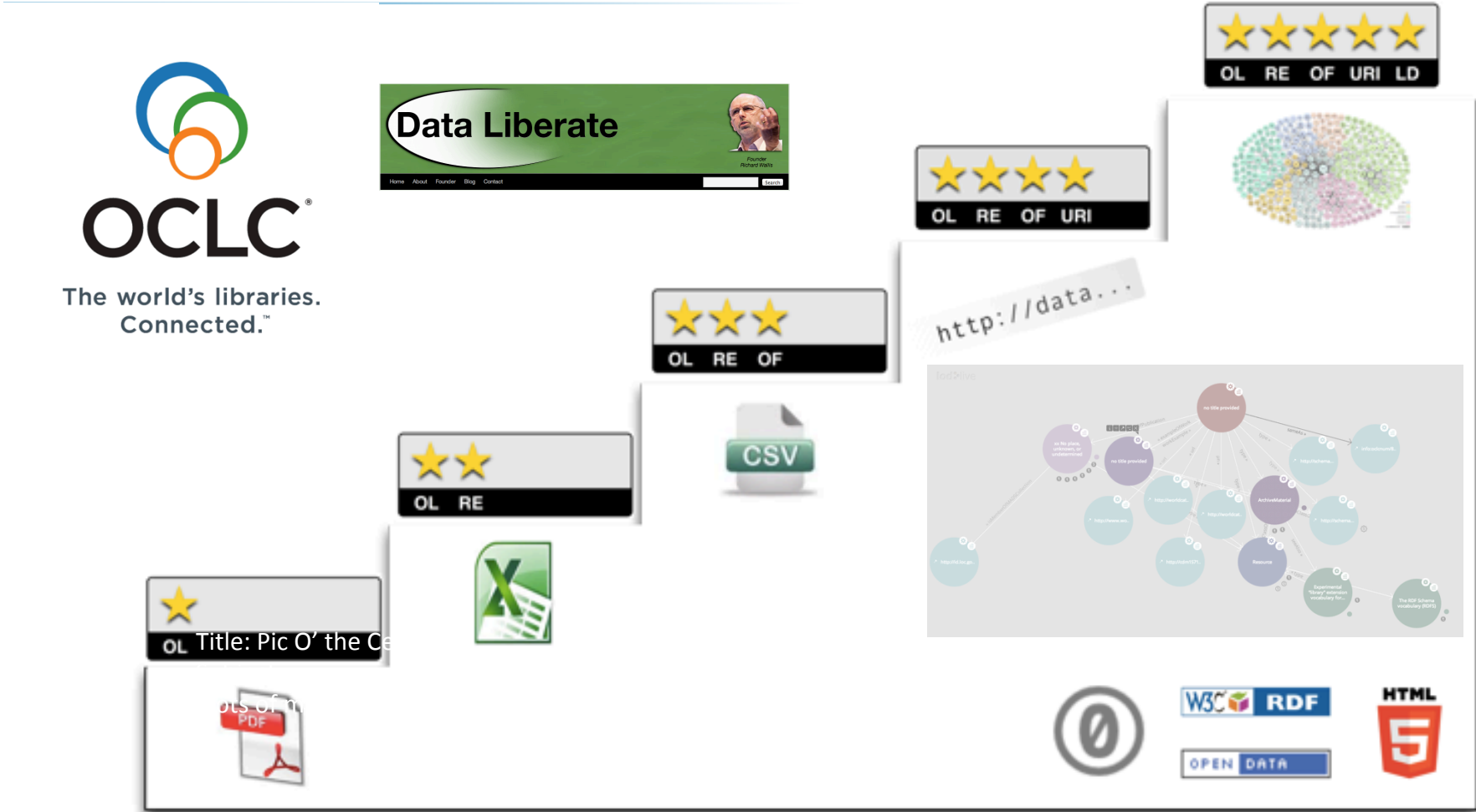
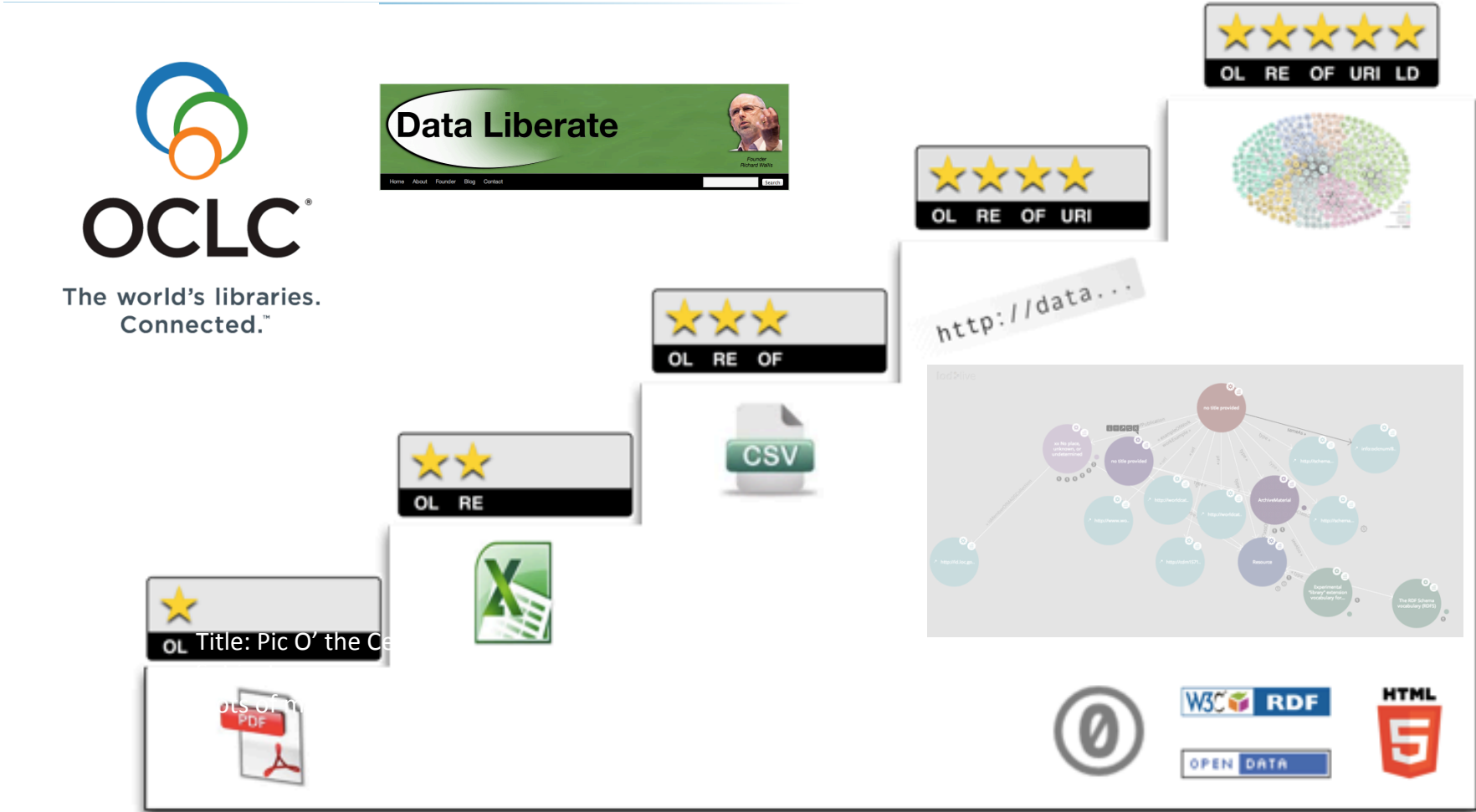
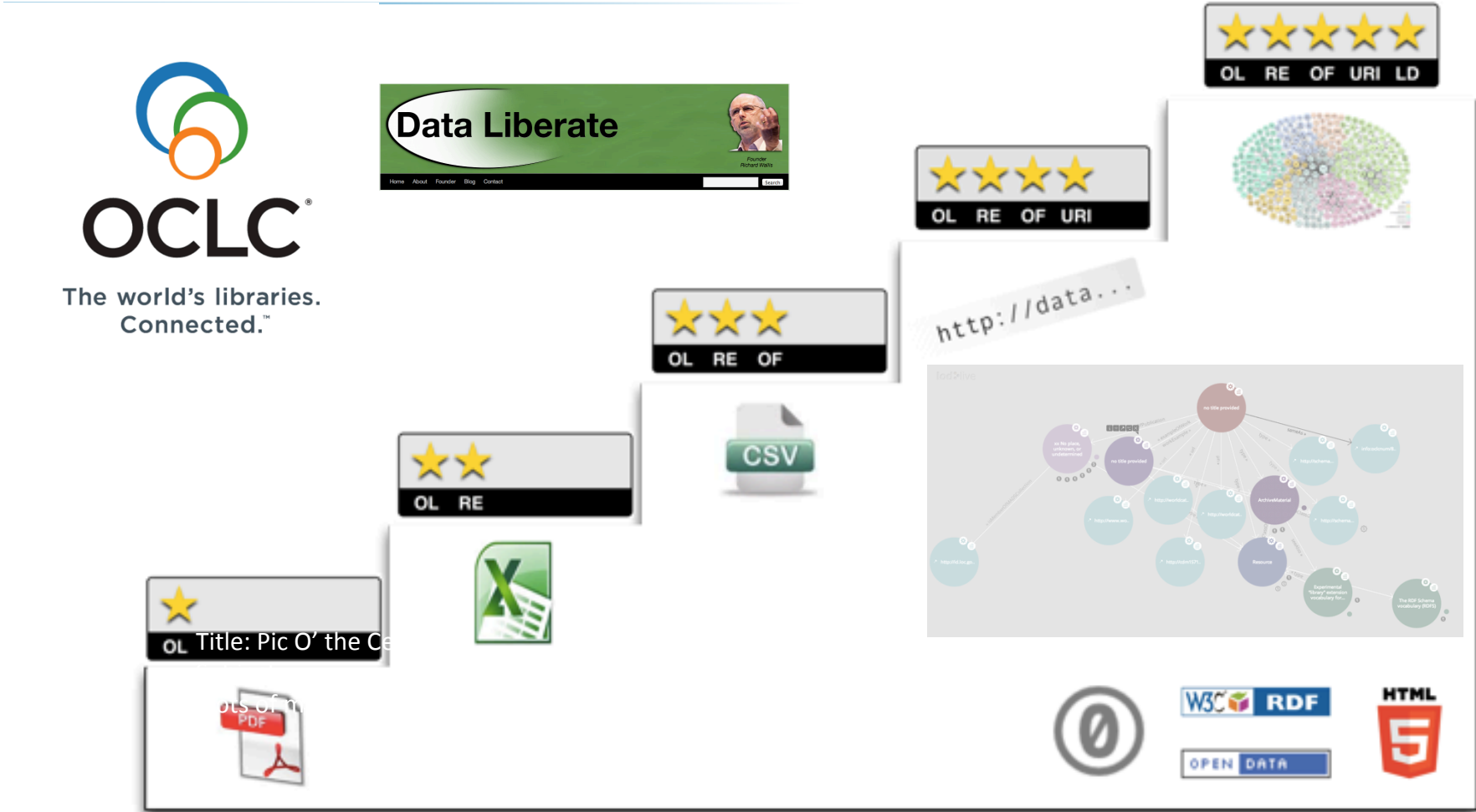
A university mini-van full of librarians, an oceanographer & a bolt cutter. I like where this conference is heading. [pic.twitter.com/b5FO3qYb4S](https://pic.twitter.com/b5FO3qYb4S)



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#LODLAM

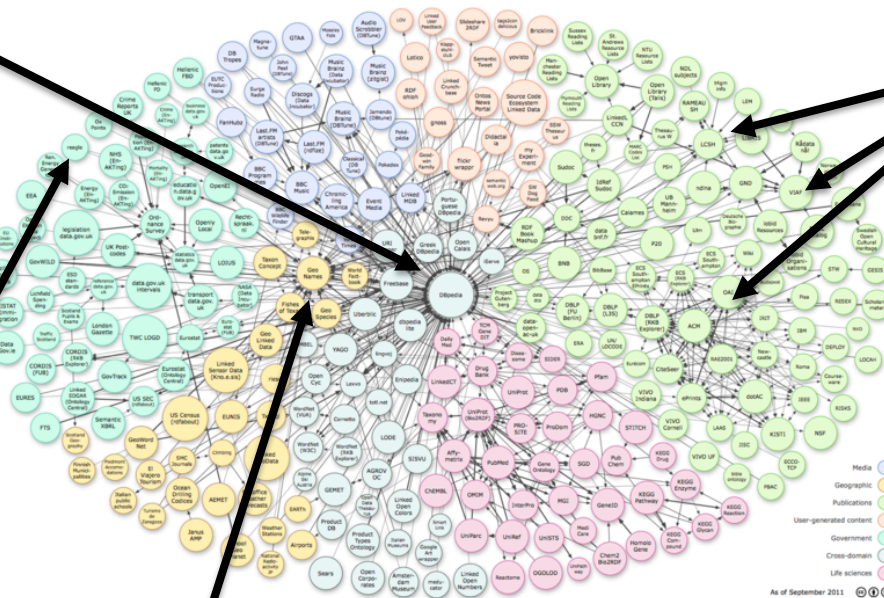
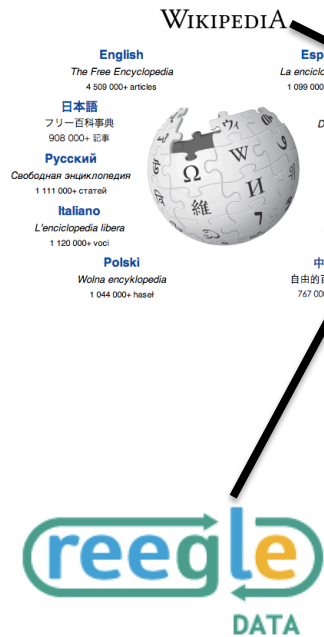


<http://oclc.org/research/activities/linkeddata.html>

# #LODLAM

## historypin

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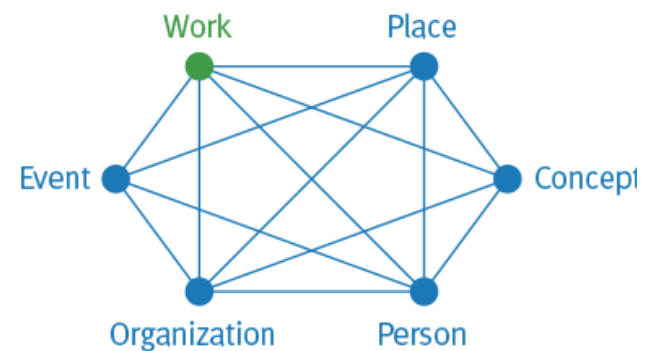
[https://en.wikipedia.org/wiki/Linked\\_data](https://en.wikipedia.org/wiki/Linked_data)



## GeoNames

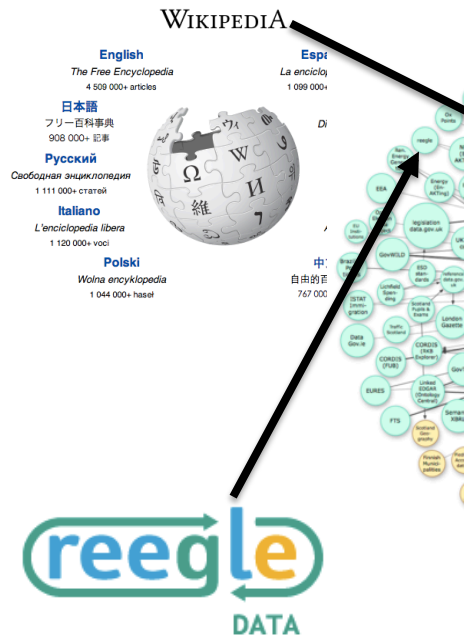


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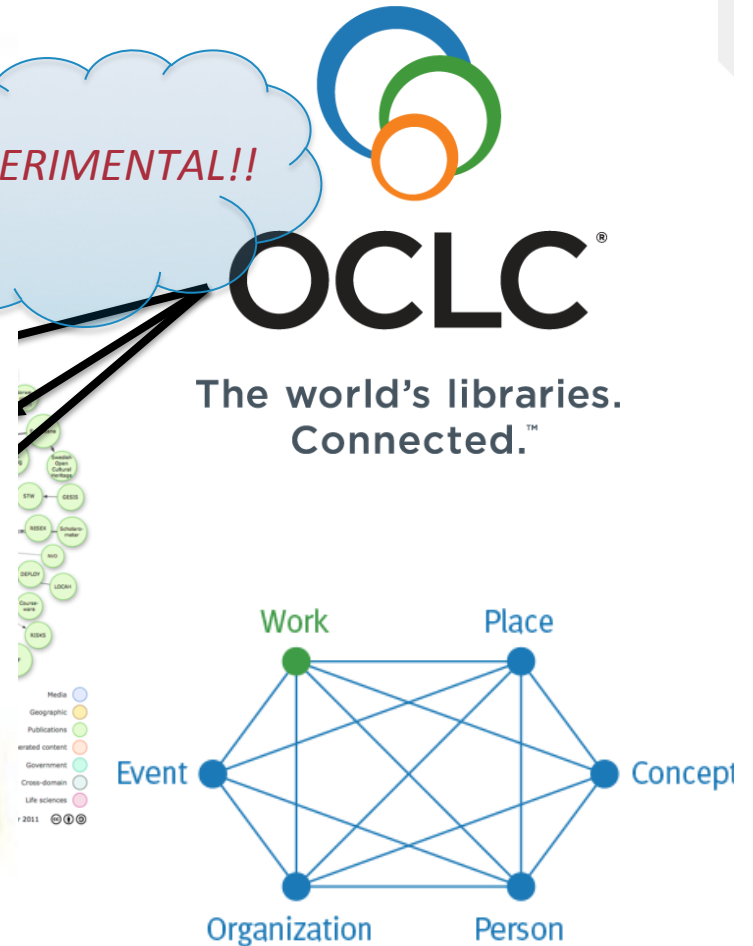


# #LODLAM

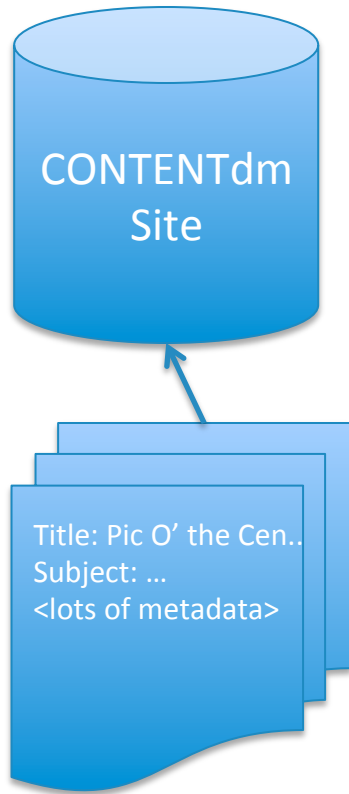
## history]



EXPERIMENTAL!!



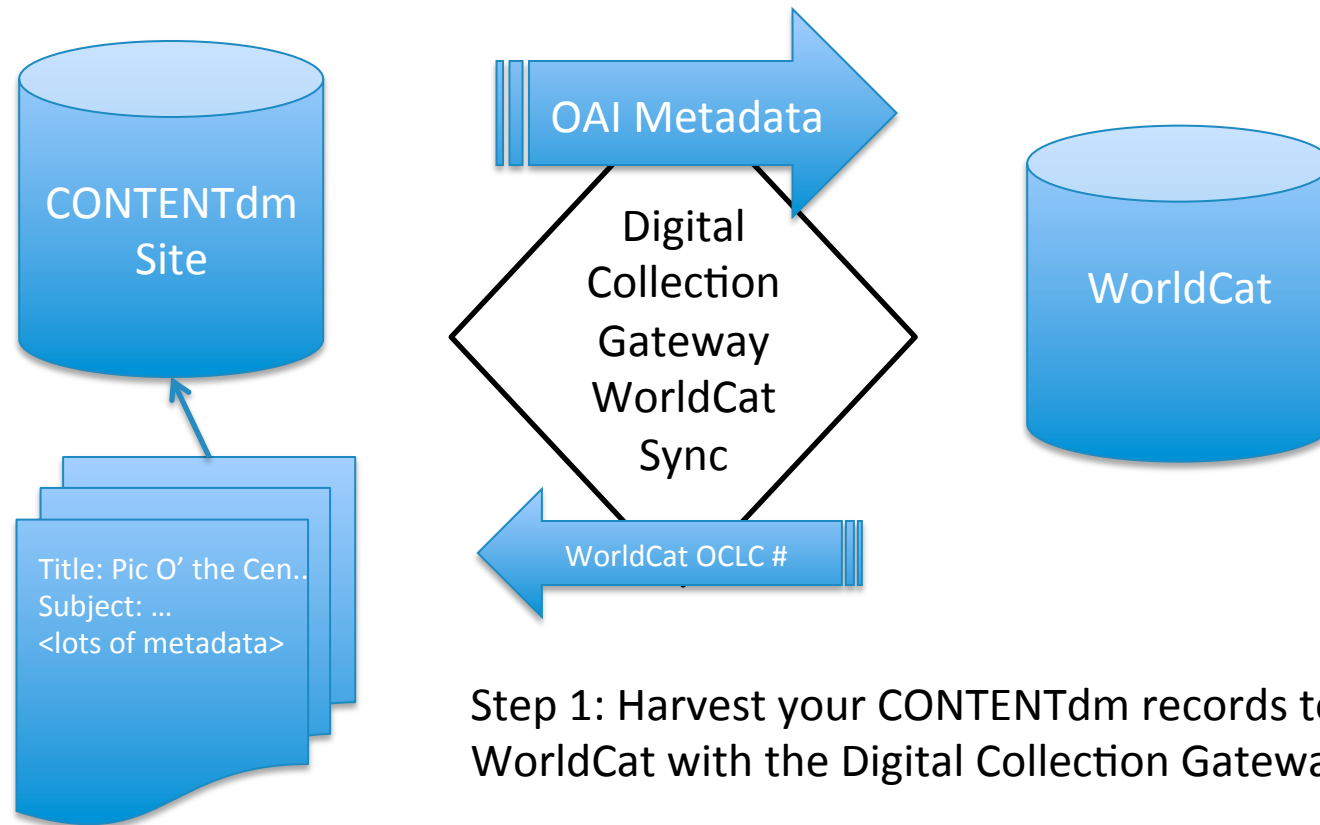
# AutoMagic Linked Data with CONTENTdm and WorldCat



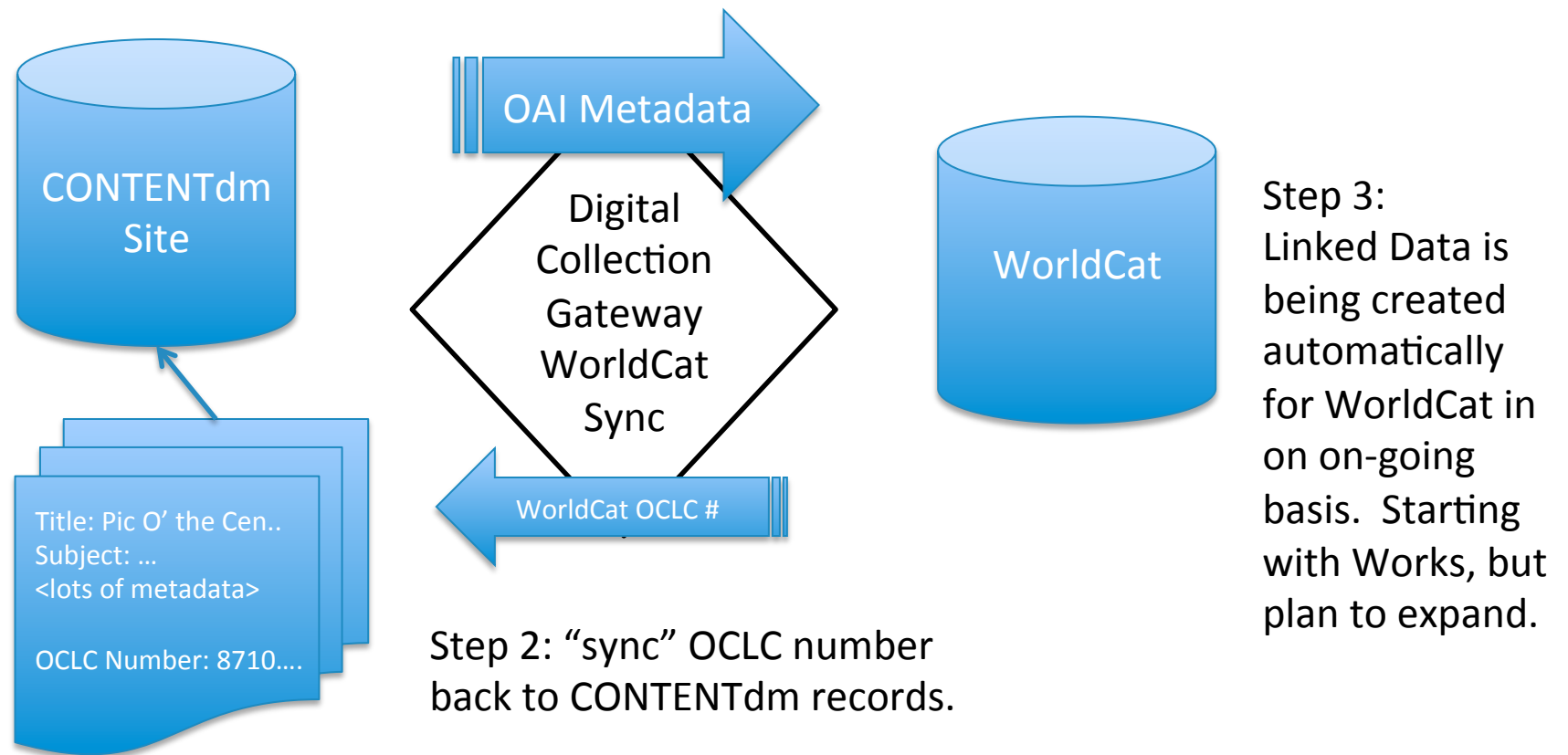
Step 0: Create a great digital collection with CONTENTdm.



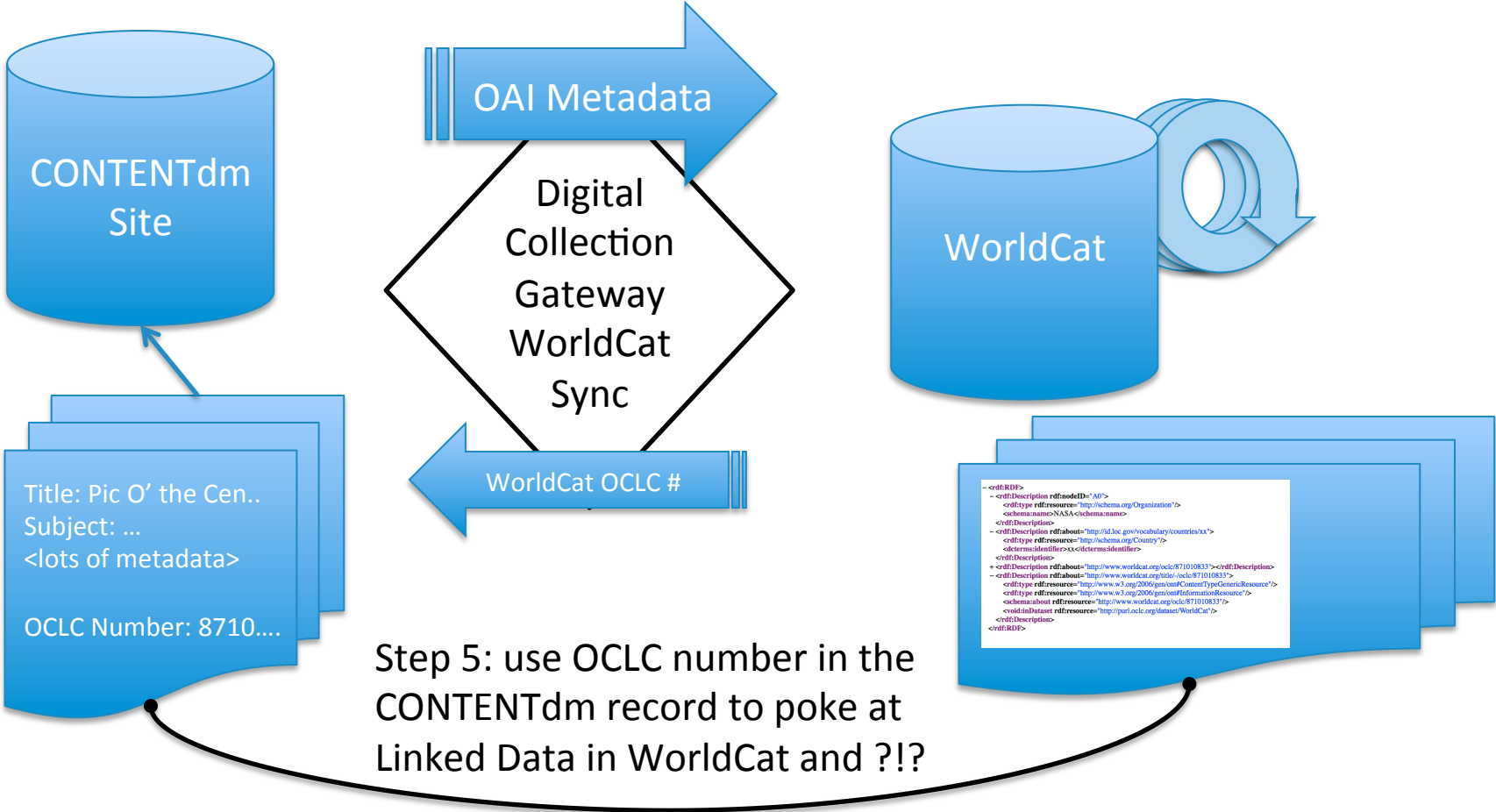
# AutoMagic Linked Data with CONTENTdm and WorldCat



# AutoMagic Linked Data with CONTENTdm and WorldCat



# AutoMagic Linked Data with CONTENTdm and WorldCat



# AutoMagic Linked Data with CONTENTdm and WorldCat

[DEMO]

<http://cdm15710.contentdm.oclc.org/cdm/ref/collection/myfirstcollection/id/63>

<http://www.worldcat.org/oclc/871010833>

<http://www.worldcat.org/oclc/871010833.rdf>



# CONTENTdm enhancements over the last year

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- *Our feature focus for the last year has been on improving the scalability and robustness of CONTENTdm as well as improving the end-user display of content.*
  - Usage statistics that integrate better with Google Analytics (May 2013)
  - Improved SEO and accessibility support (Nov 2013, more in Mar 2014)
  - Significant work fixing bugs reported (~20% of our development effort)
  - FIND Farm for Hosted customers greatly improves our ability to scale. (Jan 2014)
  - Performance improvements in our Hosted environment continue (caching improvements released Mar 2014)
  - Video player update (Mar 2014)
  - Automated sitemap generation (Mar 2014; production rollout in Apr 2014)

# CONTENTdm 6.7 (latest update) at a glance

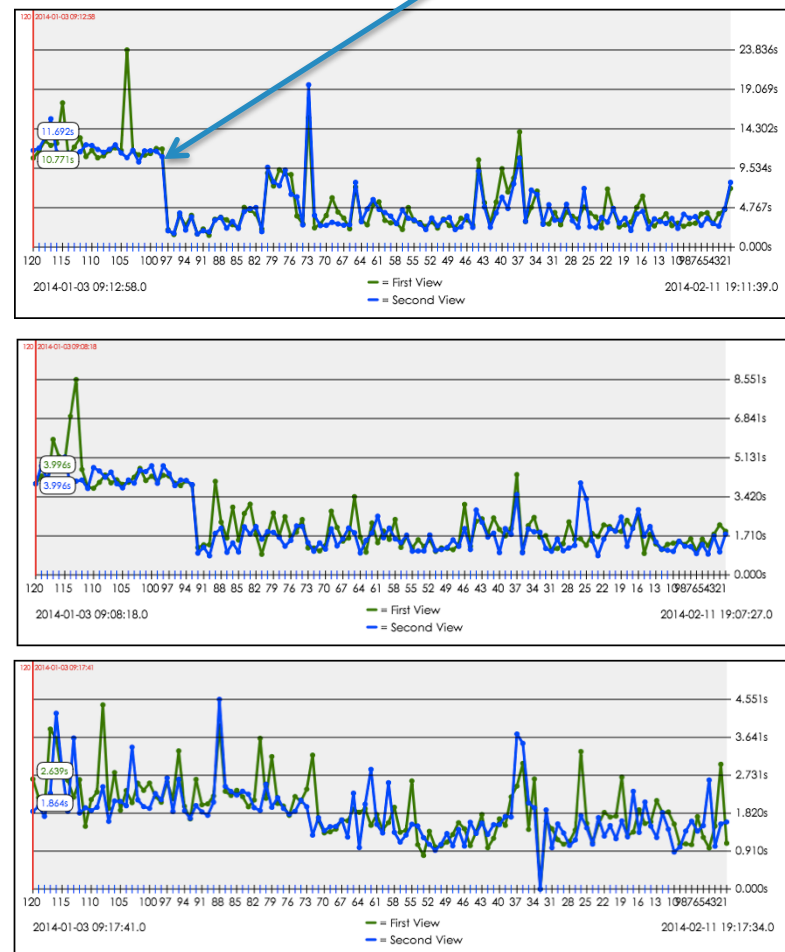
- Features
  - Automatic creation of sitemap for CONTENTdm site
  - FIND Farm rolled out to production in January for Hosted customers! Performance improvements of 5-10x when doing a “Browse All” of one of our largest sites.
  - Server side content caching for the presentation layer ready for rollout in Hosted after 6.7 release.
  - Updated flowplayer and allow for HTML5 video playback.
  - Improvements to organization of website HTML for improved accessibility
  - Rich snippet support for improved sharing to Social sites
  - Made changes to allow for hosting of PDF files for Hosted customers with our next generation system Digital Object Web Service (DOWS). Rolling into production as we speak, you should only notice better performance!
- Get the latest from the User Support Center
  - <http://www.contentdm.org/USC/downloads/index.php>
  - <http://www.contentdm.org/USC/downloads/v67/Cdm67FeaturesAndFixes.pdf>

# FIND Farm for Hosted customers

- The FIND Farm increases the capacity for searching for every site by parallelizing search across a cluster of processors. See plots at right for confirmation!
- The FIND Farm has dedicated processors for indexing. This means your indexing your collections won't negatively impact searches on the end-user interface.
- The FIND Farm supports online indexing even during an "Index All" (needed, sometimes for deep rebuilding of your search index).

For lots of more detail, please see:  
<http://oc.lc/gRGF6X>

## First wave of FIND farm rollout



Browse all search times

Previous 60 days

# Items of note: Office Hours

- CONTENTdm overview office hours
  - Just getting started, or bringing on new staff? Geri Ingram holds office hours on the second Tuesday of every month at High Noon, Pacific time. (3pm Eastern)
- CONTENTdm technical office hours
  - Got technical questions? Christian Sarason holds office hours on the fourth Thursday of every month at 11am Pacific (2pm Eastern). Next session is May 29<sup>th</sup>! Watch the User Support Center for details.
- Office hours are open to all and intended in the academic model. Swing by and we can talk about issues you're having, important use cases and tips and tricks.
- The technical office hour session will review known regressions.
  - For details of the list of known issues with v6.7 see <http://oc.lc/sOnXCt>



# Items of note: quick start expansion

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- OCLC's CONTENTdm "quick start" program has been expanded. Libraries that subscribe to WorldCat Discovery Services are eligible to receive CONTENTdm "quick start" for no additional charge
- CONTENTdm "quick start" includes:
  - The CONTENTdm software hosted by OCLC
  - Three Project Clients for building digital collections
  - 10GB of storage for up to 3,000 digital items
  - Access to documentation, training and office hours
- 400+ libraries worldwide currently use "quick start"
- To get started, libraries should visit:  
<http://www.oclc.org/en-US/contentdm/quickstart.html>

# CONTENTdm: For FY15, “*Explore. Share. Magnify*”

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- Thematic feature development in FY15
  - Improved end-user experience for mobile and tablet browsing
  - Improvements for managing the look and feel of a CONTENTdm instance (Website Configuration Tool improvements, ~June 2014)
  - Improve the flexibility of defining and presenting collections
  - Sharing your collections and digital items to the places you need them (OAI, social networks, exports)
  - Experiment with ways to leverage OCLC’s Linked Data work in CONTENTdm
  - Continued iteration with our user community for defining enhancements and bug fixes (started bi-weekly office hour sessions for meeting with our user community)
  - Improve discoverability via SEO improvements and integration with Google Webmaster Tools and Analytics for analysis of success (ongoing)

# Designing for the next 20 years: OCLC's Next Generation System



- OCLC is designing the next generation of our digital repository services. Our goal in the coming years is to streamline the work involved in managing digital content and provide common workflows for managing your print, licensed and unique digital resources.
- We will be integrating CONTENTdm and our next generation system with WorldShare Management Services for consistent and easy to use workflows
- Our vision is a system that allows for easy management of material and excellent discovery, syndication and display of your Library's unique digital content.

# Designing for the next 20 years: OCLC's Next Generation System



- We have convened and are in ongoing sessions with a Strategy Working Group. Designed to have strategic conversations for the management of digital collections.
- We have also convened a Workflow and Usability Working Group that focuses on improving the management of digital collections, with a full end to end workflow in mind, not just the one we have now.
- We are using the next office hours session to gather use cases and requirements for more flexible collection management. Please attend!

<http://www.contentdm.org/USC/training/officehours.php>





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# Questions?

## Explore. Share. Magnify.

