



**IFLA WLIC 2013**  
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# Supporting learning, knowledge sharing, and team-based work with Open Access and Open Source technology and tools

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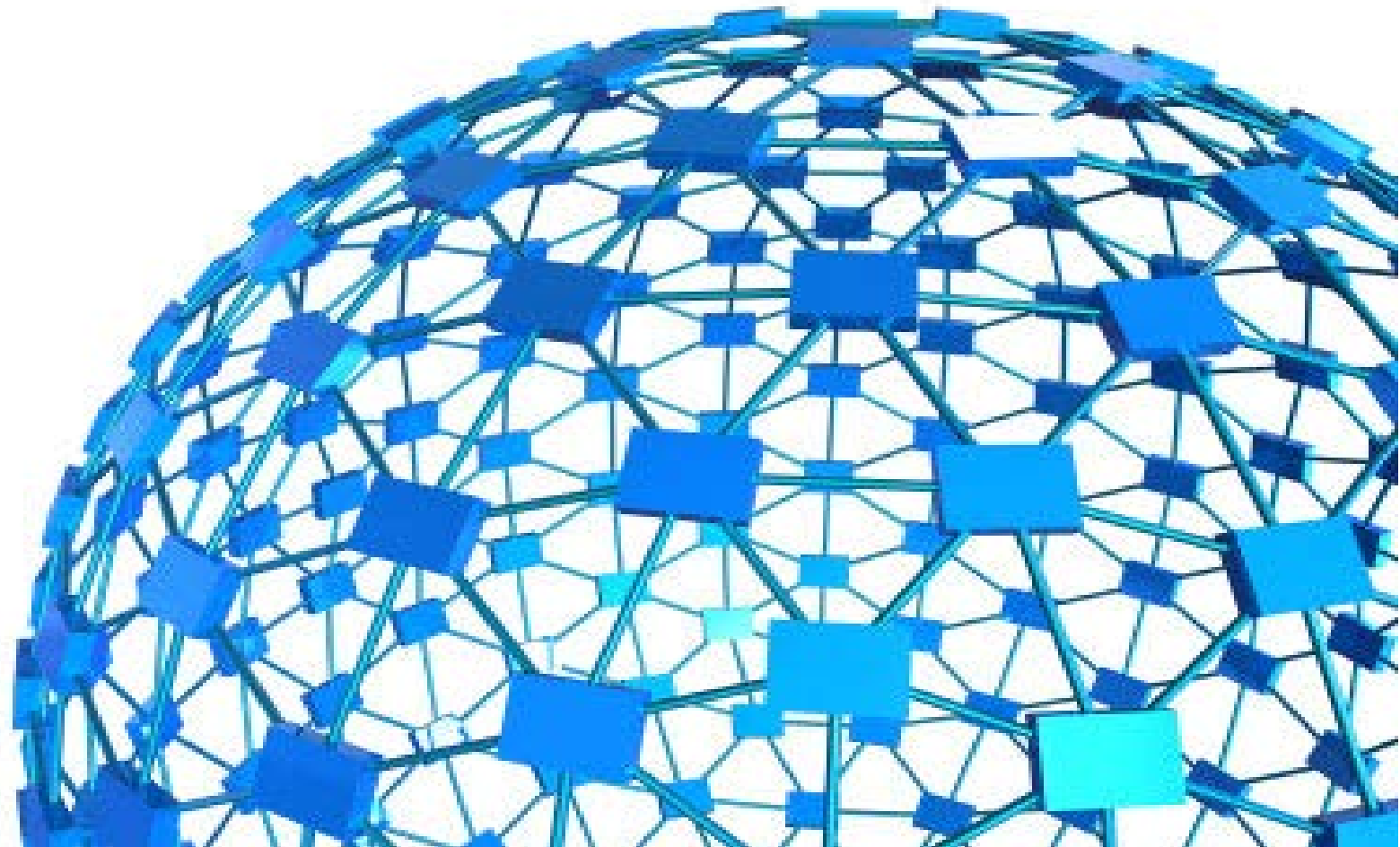


# Topics

- Knowledge management (KM) systems
- Business Intelligence (BI) systems
- Document management (DM) tools
- Decision table and rules engines
- Knowledge representation and information discovery tools
- Personal knowledge management tools
- Tools for specialized applications



# Knowledge management systems





# Cyn.in

- Collaborative Applications
- Spaces
- Social applications
- Productivity applications
- Organization and management
- Search and retrieval



<http://www.cynapse.com/cynin>

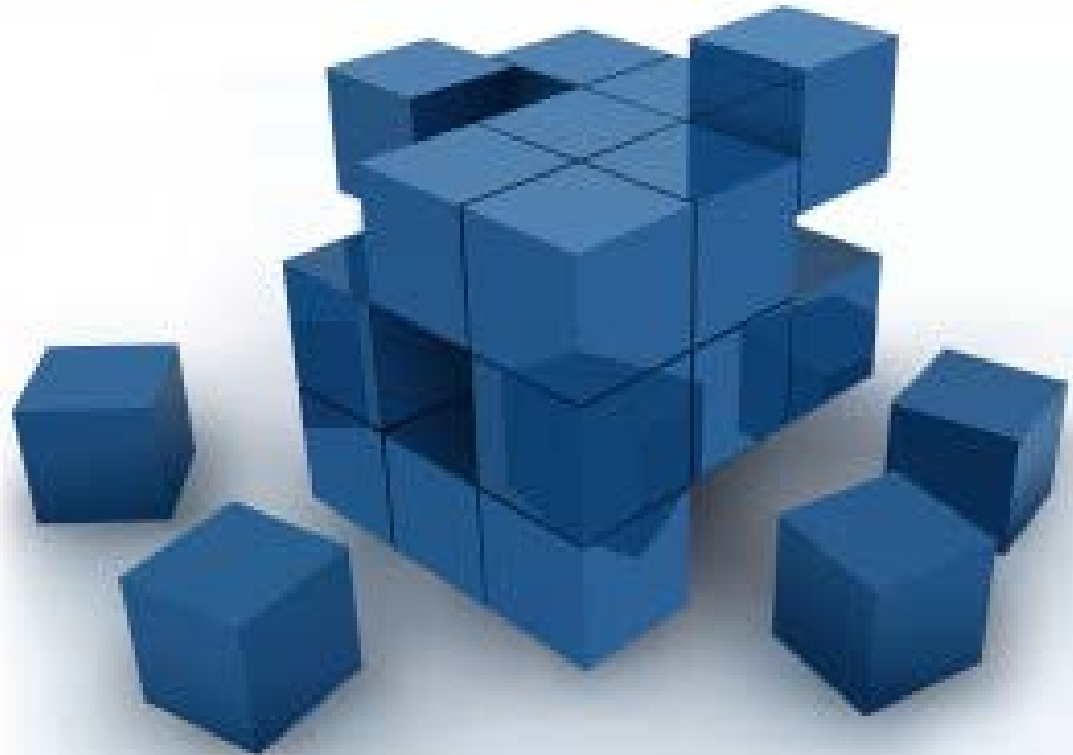
# OpenKM

- Similar functionality to cyn.in
- More primitive user interface, but
- Additional integrations
  - Reporting ( JasperReports )
  - Workflow ( JBPM )
  - Google contacts synchronization
  - Abby OCR integration
  - Zoho integration
  - Google Docs integration



<http://www.openkm.com/en/>

# Business intelligence systems





# SpagoBI

- Analysis of “big data”
- Real-time analysis of events
- Self-service BI



<http://www.spagoworld.org/xwiki/bin/view/SpagoBI/>



# JasperSoft

- Commercial versions available
- Cloud-based hosting
- Some notable features
  - Multi-Level Zoom
  - What-if analysis



<http://www.jaspersoft.com/>





# Document management tools



# OpenDocMan

- Most widely used open source DMS
- Allows you to integrate your current business rules into the system
- Notable features
  - Automated document review process
  - Automated file expiration process
  - Reviewer approval and rejection of new/changed documents



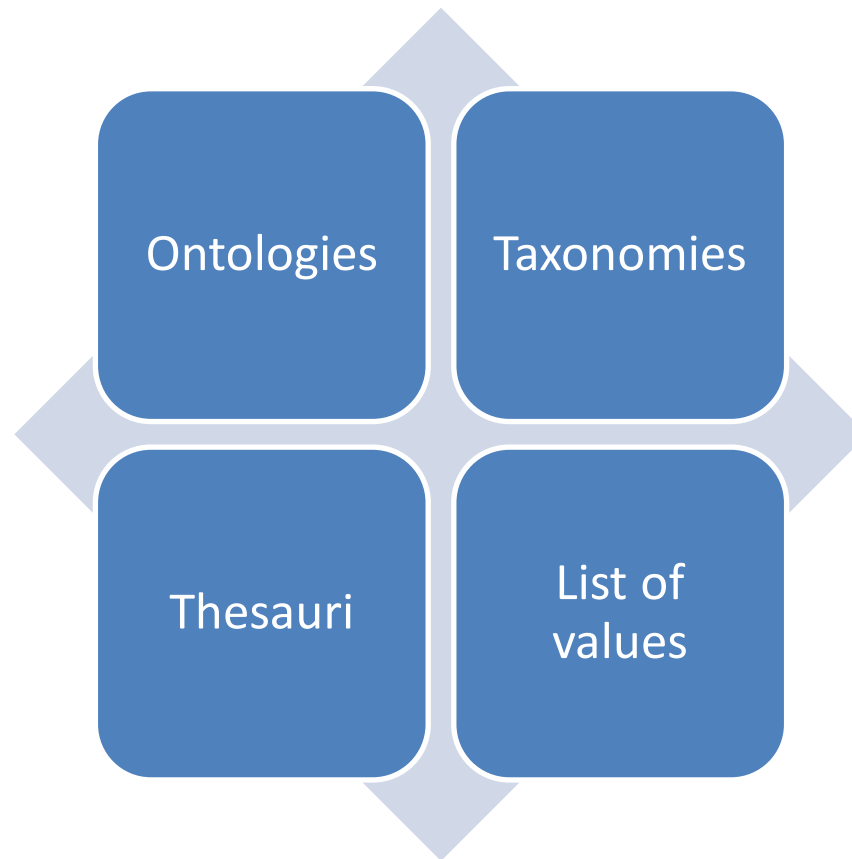
<http://www.opendocman.com/>

# Knowledge representation and information discovery tools



# TemaTres

- Manage formal representations of knowledge



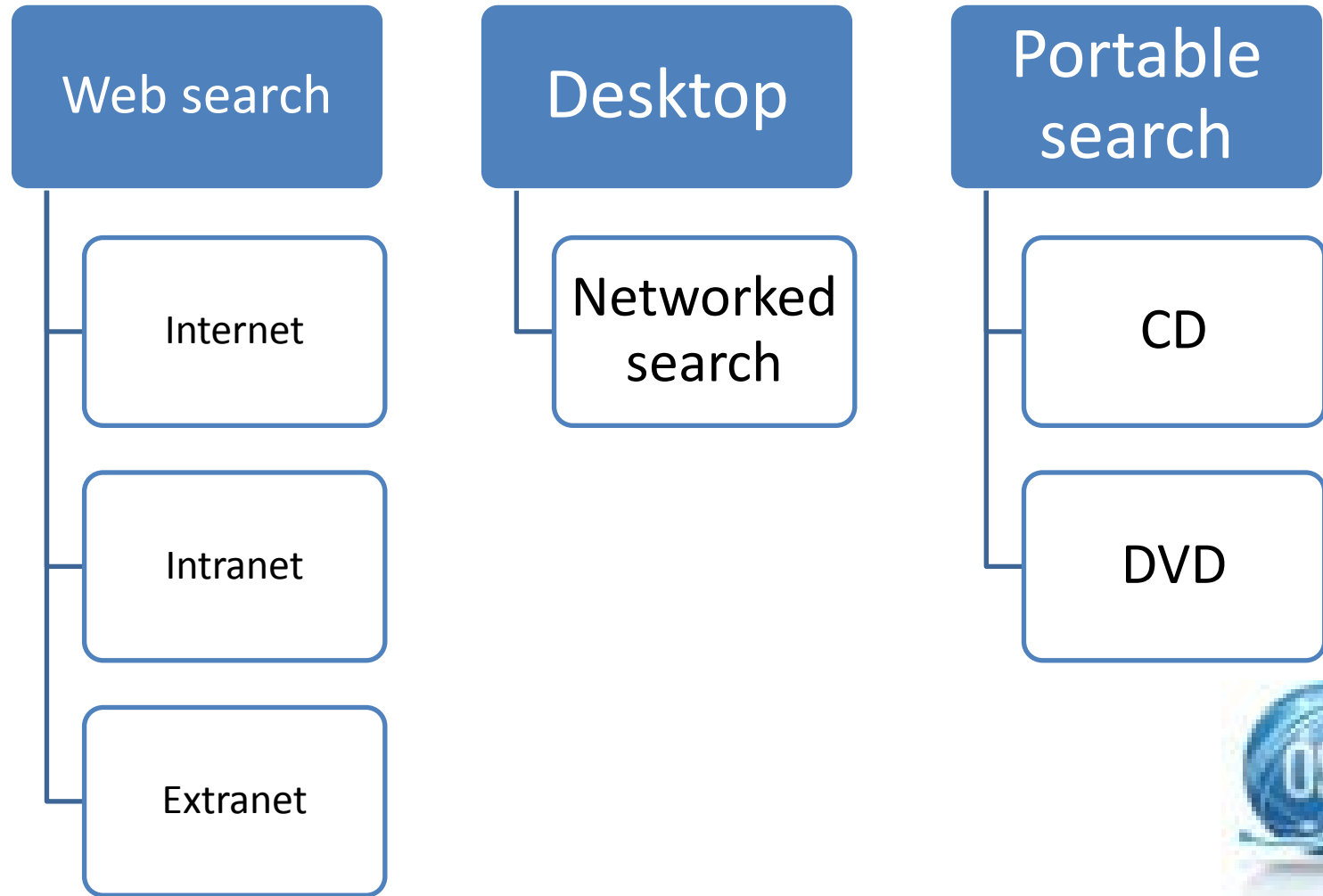
<http://www.vocabularyserver.com/>

# Media Crawler

- Java desktop application
- Facilitates the management of multimedia objects and related metadata
- Built-in schemas for describing document, audio, video and image data
- Crawls a given file-system, extract metadata from a specific set of file formats and then index the metadata fields
- May organize assets and metadata via the creation of "Smart Folders" (folders defined via a query)

<http://mediacrawl.sourceforge.net>

# OpenSearchServer



<http://www.open-search-server.com/>

# Personal tools



# PiggyDB

- Supports a heuristic or bottom-up approach to discover new concepts or ideas
- Begin with using it as a flexible outliner, diary or notebook
- As database grows, shape and elaborate your knowledge
- Create highly structured content by connecting knowledge fragments to each other
  - Network structure
  - Fragments can be classified using hierarchical tags

<http://sourceforge.net/projects/piggydb/?source=directory>



# Freeplane

Post-its

Edges

- Ordered, connected hierarchy

Attributes

- Metadata (attributes)

Grouping

- Clouds
- Accolade (summary node)

Connecting nodes

<http://sourceforge.net/projects/freeplane/?source=directory>



# Specialized tools



# Kwok

- Asset tracking
  - Hardware inventory
  - Licenses
- Issue tracking
  - Helpdesk
- Service contract management
- Vendor contact management
- Knowledge base

# Plandora

- Resource bottle-necks
- Parallel projects
- Critical dead lines
- Necessity for scope documentation of tasks and requirements

# Social Media Tools



# LinkedIn, Google+, Facebook, Twitter

LinkedIn



- Closed groups
  - Virtual team collaboration
  - Knowledge sharing
  - In one place or all over the world



- Public for all to see
- Hashtags
  - Create streams of links and comments

# Paper.Li

- Building on the fly newsletters
- Automatically processes more than 250 million social media posts per day
- You select what you think is relevant and publish it

KM Today by Rebecca Jones  
<http://paper.li/rebeccaajonesgal/1308329187>

paper.li

KM Today



Monday, Aug. 12, 2013

Next update in about 9 hours

Archives

**BlogSummarizer**



Shared by  
Wiki Summarizer



**websummarizer.com** - Your blog visual knowledge base will be accessible to users on PCs, Macs, Li

# Yammer and Jive

- Microblogging software
  - Behind the firewall
  - Knowledge sharing and collaboration
  - Yammer now owned by Microsoft & being integrated with their other products



- Toronto Public Library
- The City of Yarra, Victoria, Australia  
<http://yarraweb2.wordpress.com/activities/thing-6-minutes-and-flipboard/>
- The British Library  
<http://www.inoutfield.com/2009/04/01/the-british-library-is-all-a-twitter-about-yammer/>



**Thank you**

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