

Library and IT Considerations

**Web-based Database of the
Syntactic Structures of the World's
Languages**

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Outline

- User experience
- Data structure (interface vs. backend)
- Content review and security
- Non-Roman scripts
- Alternative Media
- Data rights
- Data preservation
- Projected size and growth
- Staffing

User experience

- User base
- User needs
- What are all the specific functions that a user would be able to perform?
- How will users be contributing to knowledge base?

Data Structure

- Information structure
- Editing and publishing
- Analytic functions / queries / transformation / export
- Example: dbpedia

a community effort to extract structured information from Wikipedia and to make this information available on the Web. Allows sophisticated queries against Wikipedia and linkages other datasets on the Web to Wikipedia data.

<http://dbpedia.org>

Content review and security

- Who can edit data?
- Will users be approved?
- Will edits be moderated (peer review process)?

Non-Roman Scripts

- On data entry?
- On display?
- Within the database?

Alternative media

- Will there be media in addition to text?
 - Audio files?
 - Video files?
 - Geographical representation?
 - Additional text based resources (.pdf of an article)?

Data Rights

- Who “owns” the data?
- Use restrictions
- Select source organizations
 - <http://creativecommons.org/>
 - <http://sciencecommons.org/>
- CC License versions
 - <http://creativecommons.org/about/licenses/meet-the-licenses>
- Licenses as applied to database content
 - <http://sciencecommons.org/resources/faq/databases/>
- Example license agreement for data deposit in UK data archive
 - <http://www.esds.ac.uk/aandp/create/licence.asp>
- NYU copyright statement
 - <http://www.nyu.edu/oaa/policies.html#copyright>

Data Preservation

- Server maintenance
- Database structure and content preservation
 - File and media formats
 - Routine migration of the content to new viable platforms
- Long-term stewardship

Projected size and growth

- How will choice of media affect collection size?
- How big is the projected user population?
- How fast will it grow?

Staffing

- Project manager
- Information architect
- Developers/programmers
- Interface designer
- Evaluation/user testing