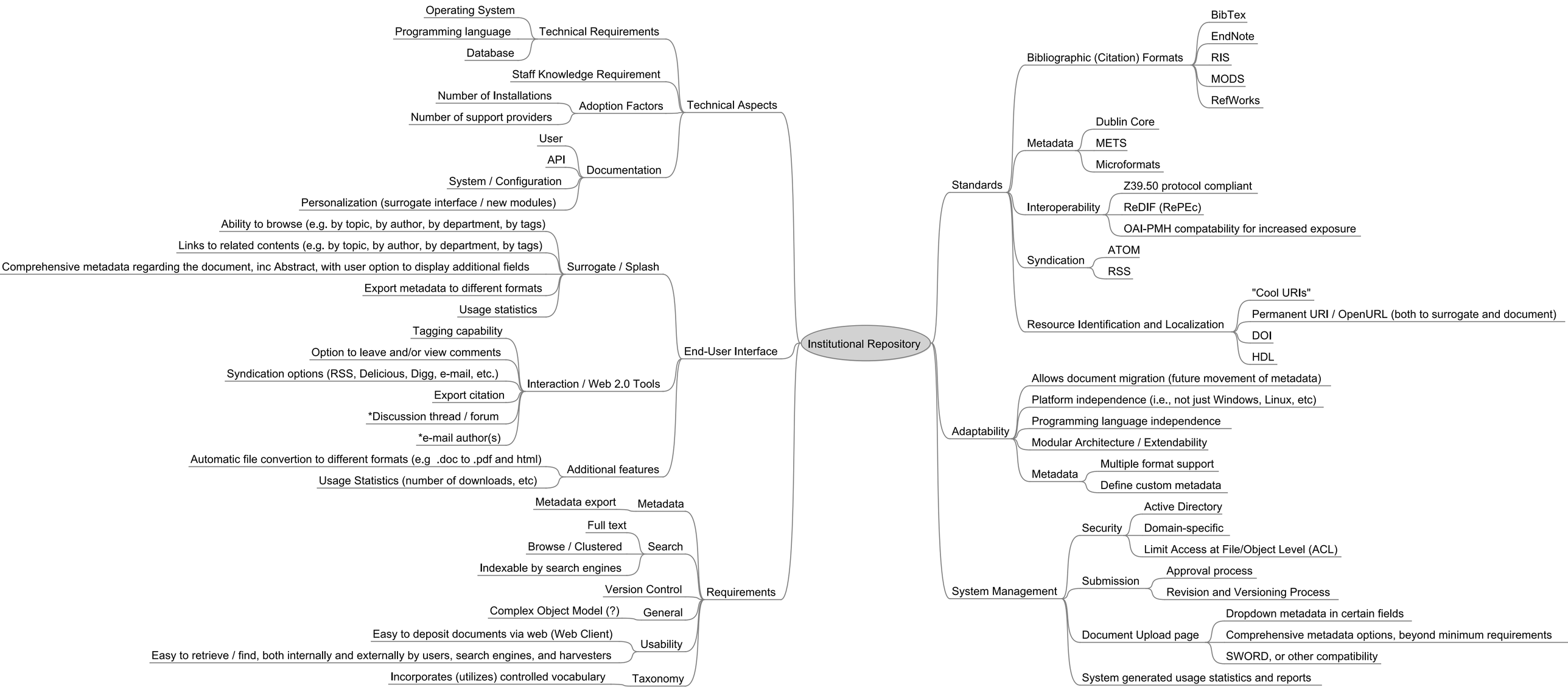
Institutional Repository
Technical Aspects
Technical Requirements
Operating System
Programming language
Database
Staff Knowledge Requirement
Adoption Factors
Number of Installations
Number of support providers
Documentation
User
API
System / Configuration
Personalization (surrogate interface / new modules)
End-User Interface
Surrogate / Splash
Ability to browse (e.g. by topic, by author, by department, by tags)
Links to related contents (e.g. by topic, by author, by department, by tags)
Comprehensive metadata regarding the document, inc Abstract, with user option to display additional fields
Export metadata to different formats
Usage statistics
Interaction / Web 2.0 Tools
Tagging capability
Option to leave and/or view comments
Syndication options (RSS, Delicious, Digg, e-mail, etc.)
Export citation
*Discussion thread / forum
*e-mail author(s)
Additional features
Automatic file convertion to different formats (e.g .doc to .pdf and html)
Usage Statistics (number of downloads, etc)
Requirements
Metadata
Metadata export
Search
Full text
Browse / Clustered
Indexable by search engines
General
Version Control
Complex Object Model (?)
Usability
Easy to deposit documents via web (Web Client)
Easy to retrieve / find, both internally and externally by users, search engines, and harvesters
Taxonomy
Incorporates (utilizes) controlled vocabulary
Standards
Bibliographic (Citation) Formats
BibTex
EndNote
RIS
MODS
RefWorks
Metadata
Dublin Core
METS
Microformats
Interoperability
Z39.50 protocol compliant
ReDIF (RePEc)
OAI-PMH compatability for increased exposure
Syndication
ATOM
RSS
Resource Identification and Localization
"Cool URIs"
Permanent URI / OpenURL (both to surrogate and document)
DOI
HDL
Adaptability
Allows document migration (future movement of metadata)
Platform independence (i.e., not just Windows, Linux, etc)
Programming language independence
Modular Architecture / Extendability
Metadata
Multiple format support
Define custom metadata
System Management
Security
Active Directory
Domain-specific
Limit Access at File/Object Level (ACL)
Submission
Approval process
Revision and Versioning Process
Document Upload page
Dropdown metadata in certain fields
Comprehensive metadata options, beyond minimum requirements
SWORD, or other compatibility
System generated usage statistics and reports