D SPACE

Developing a Digital Repository for "International Symposium on Information Management in a Changing World"

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IMCW

DSpace

- HP & MIT

- Academic, non-profit, and commercial organizations

- Manage, access, preserve, share

DSpace

- Text, images, moving images, mpegs, data sets

- Free

- Out of the box

- Customizable

Prerequisite Softwares

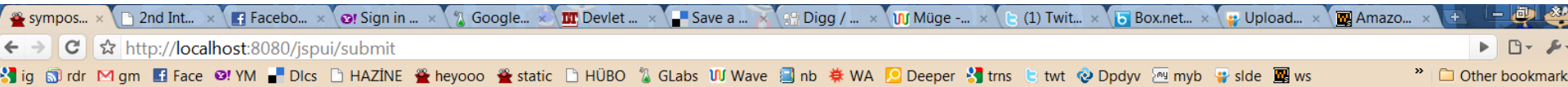| Software Name	Version	Description
PostgreSQL	8.4	Open source relational database system.
Java JDK (Java Development Kit)	JDK 6 Update 20	A software development environment for writing applets and application in Java.
Apache	2.2.15	Web server program
Tomcat	5.5.29	An open source servlet container
Apache Ant	1.8.0	A software tool for automating software build processes
Apache Maven	2.2.1	A software tool for Java project management and build automation

Properties

- DSpace gives an opportunity of regulating the workflow process of the communities following the policy of digital archiving.

- A controlling process can be created by means of an authorization module and materials submitted to the symposium can be supervised editorially.

Data Input Process

My DSpace

Properties

- (OAI-PMH) and the OpenURL standard.

- Thus, the Internet users can get access to the full-texts of titles that are available through the symposium digital repository using various search engines such as OAIster and Google Scholar.

Properties

- In DSpace, data can be imported from/exported to different systems such as Eprints and Greenstone

Additional Features

Conclusion

Digital Repository has been developed through using Dspace. It provides users a flexible workflow process to enter, edit and update records as well as digital objects and allows searching the collections using the capabilities of the Lucene search engine.

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