



D-World - Web based Digital Object Repository and Retrieval System



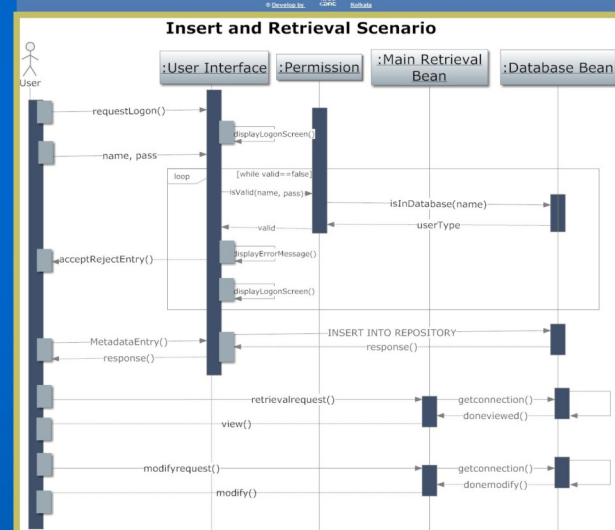
D-World is a web-based, open digital object archival and retrieval software. It preserves and enables user-friendly access to all types of digital objects including books, text, images, audio, video and data sets. With the ever-growing need of digitally archiving and preserving heritage materials of social, political, cultural and scientific worth, D-World provides unique solution for archiving digital objects having compliance to Open Archive Information System (OAIS).

The solution offers role-based access control and metadata ingest workflow with validation and verification. It is customizable, configurable and user friendly.



Features

- * Digital object based data archival
- * Ingest Module with validation and verification workflow
- * XML based metadata batch ingest
- * Role-based access control
- * User Management
- * Metadata Extraction in Extended Dublin Core Standard
- * Metadata based search and retrieval
- * Unicode compliant
- * Indexing
- * Content based search facility
- * File Format Conversion
- * Migration Tools
- * Data object import and export facility
- * Scalability
- * Backup and Recovery
- * Platform independence
- * Inter operability
- * Audit trail



Technologies used.

- Server Environment** : Linux based Operating System
- Client Environment** : Windows 7 with any Browser
- Database** : MySQL
- Web Server** : Apache Tomcat
- Development Platform** : J2EE architecture using Java, JavaBeans, JSP, Servlet, XML, JavaScripts, iReport and Web Application Framework - Struts
- SQL Mapper Framework** : iBATIS



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