MyCoRe data sheet

MyCoRe:	**My Co**ntent **Re**pository ['maɪkɔːr]
License:	**Open Source Software** under *GNU General Public License* (GPL)
Developers:	**MyCoRe Community**
Website:	**http://www.mycore.org**
Type:	Web application for Digital Libraries, Content Management, Document Management, Document server, Publication server, Archives, Institutional Repositories
Language:	Language of MyCoRe application is adaptable, documentation is German
Version:	2.1
Operating system:	Windows, Unix, Linux, Mac OS X
System requirements:	Web Application Server: Apache Tomcat, Jetty or IBM WebSphere Database: MySQL, IBM DB2, Oracle, HSQLDB (is in MyCoRe included) or other relational database management system Java 6 SDK, Apache Ant
Download:	http://mycore.sf.net
Demo application:	**DocPortal** DocPortal is a web application in which collections of e.g. thesis with bibliographical metadata and resource descriptions can be stored. DocPortal is a type of information retrieval system. URL: http://www.mycore.de:8291/
Functionality:	MyCoRe provides functionality of library, document and publication servers. Own web applications can be developed with MyCoRe by simply configurations and adjustments in XML and XSL. A rich search function allows retrieval in metadata, full text and XML structures. Simple, extended or complex search masks can be defined. Extensive retrieval is possible with the MyCoRe own query language with boolean operators and wild-cards. Base functions are the production, management and editing of content, using online forms with multilingual interfaces (i18n) via web interface. Internally MyCoRe uses XML as storage and interchange format. Additional functions are: customizable web pages by using a WCMS, managing of all common media types like PDF documents, audio/video files, images, entire file directories. Standards are supported for metadata (like *Dublin Core Metadata Element Set*) and for classifications (e.g. *Dewey Decimal Classification* DDC). Metadata models are adaptable and expandable. Persistent identifiers (URN) assure permanent access to the data. Interfaces to other systems are supported such as the *Open Archives Initiative Protocol for Metadata Harvesting* (OAI-PMH), the *Simple Web-service Offering Repository Deposit* (SWORD), Web Services (SOAP) as interface for search in repositories, search queries in the *Z39.50 Prefix Query Format* (PQF) or via search engine robots. Access to data in MyCoRe applications can be controlled by user and rights management or by using *Access Control Lists* (ACL) with specifications what operations are allowed to be performed on the objects.