

MyCoRe data sheet

MyCoRe: My Content Repository ['maiko:r]

License: Open Source Software, licensed under the GNU General Public License (GPL)

Developers: The MyCoRe Community

Website: http://www.mycore.org

Type: Web application for digital libraries, content management,

document management, document server, publication server,

digital archiving solution, institutional repositories

Language: Language of MyCoRe application is configurable, documentation is German

LTS Release: 2017.06.0 (long term release)

Version: 2017.06.0

Operating system: Linux, Mac OS X, Unix, Windows

System requirements: Web application server:

Apache Tomcat, Jetty or comparable web server, Version 3.1

Database: PostgreSQL, MySQL, Oracle, IBM DB2, HSQLDB or other relational database management system, that works with hibernate

Java 8 SDK and for development: Maven and Git

Solr-Server

Download: http://mycore.org/download/ and https://github.com/MyCoRe-Org

http://mycore.de/documentation/getting_started/mir.html

Functionality: The MyCoRe framework provides functionality of information repositories and

publication servers. Own web applications can be developed with MyCoRe by configurations and adjustments in XML, XSL and CSS. A rich search function allows retrieval in metadata, full text and XML structures. Simple, extended or

complex search masks can be defined.

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:

MyCoRe uses XML as storage and interchange format. Additional functions are: customizable web pages, managing of all common media types like PDF documents, audio/video files, images, entire file directories. An integrated viewing tool is provided for displaying images or high-resolution illustrations. Standards are supported for metadata (like MODS) and for classifications (e.g. *Dewey Decimal Classification DDC*). Metadata models are adaptable and expandable. Persistent identifiers (URN, DOI) 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), REST or search engine robots. Access to MyCoRe applications can be controlled by user and rights management with LDAP or shibboleth. Access Control Lists (ACL) specify what operations are

allowed to be performed on metadata or objects.

Application: MIR, the MODS Institutional Repository is based on the MyCoRe framework.

This out-of-the-box software solution is ready for installation and use. Test the

demo version: http://mycore.org/mir

For more sample applications, see http://www.mycore.de/applications/list.html