MyCoRe data sheet

MyCoRe:	**My Co**ntent **Re**pository ['maɪkɔːr]
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:	2022.06 (*long term release*)
Version:	2023.05
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 11 SDK and for development: Maven and Git Solr-Server
Download:	https://www.mycore.de/site/download/ and https://github.com/MyCoRe-Org https://www.mycore.de/documentation/apps/mir/mir_install/
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: 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: https://mycore.org/mir For more sample applications, see https://www.mycore.de/site/applications/list/