Building the Czech Digital Mathematics Library upon DSpace system. (English)

Summary: The paper describes the process of building the Czech Digital Mathematics Library (DML-CZ) upon DSpace system. At first, the DML-CZ will be briefly introduced. Then we will describe DSpace system and its architecture together with Manakin – a system for building user interface above DSpace. The first technical part of the paper will be about mapping DML-CZ structure onto DSpace structures and about our importing tools and the way of managing requested features which are not supported by the default version of DSpace. The second technical part of the paper is about building a web user interface using Manakin – implementing new functionality and creating a new design for DML-CZ.

For the entire collection see [Zbl 1158.00018].

MSC:

68P99 Theory of data

Keywords:

DSpace; DML-CZ; manakin; user interface; Java; XSLT; DRI; digital mathematics library

Software:

DSpace