

# CERN workshop on Innovations in Scholarly Communication (OAI4)

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## Distributed Search Mechanisms in dLibra Digital Library Framework

dLibra is a digital library framework developed in Poznan Supercomputing and Networking Center (Poznan, Poland) since 1999. It is used as a software platform in one of the largest Polish digital libraries - in the Digital Library of Wielkopolska Region (WBC, <http://www.wbc.poznan.pl/>), which now consists of more than 5000 various publications. dLibra was also deployed for Wroclaw University of Technology Digital Library (BCPWr, <http://dlib.bg.pwr.wroc.pl/>). Startup of five another dLibra based academic and regional digital libraries is planned for the nearest future. In our presentation we want to describe, how we use OAI-PMH protocol to allow distributed metadata search across all dLibra installations in Poland. This feature of the dLibra framework is in a prototype phase now, but we are planning to deploy it in all dLibra-based digital libraries in next few months. This will be the first step in creation of the integrated platform of Polish digital libraries. Additionally this should allow connecting dLibra instances with KARO (<http://karo.umk.pl/Karo/>) search portal used to search across seventy distributed Z39.50 repositories in Poland.

**Primary authors :** Dr. MAZUREK, Cezary (Poznan Supercomputing and Networking Center) ; Mr. WERLA, Marcin (Poznan Supercomputing and Networking Center)

**Co-authors :**

**Presenter :** Mr. WERLA, Marcin (Poznan Supercomputing and Networking Center)

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**Submitted by :** Mr. WERLA, Marcin

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