

Platform ZooSPACE - providing access to heterogeneous distributed resources

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Abstract

We consider the technological platform of mass integration of distributed heterogeneous data sources. At the core technology platform is a software system, code-named ZooSPACE, developed in ICT SB RAS. ZooSPACE complex is built on the basis of a loosely coupled distributed subsystems that provide configuration (ZooSPACE-L), access to resources (ZooSPACE-Z), user and administrative WEB-interfaces (ZooSPACE-W), collection of statistics (ZooSPACE-S) and monitoring (ZooSPACE -M) of the system. We discuss the architecture and composition of each of the subsystems. Describes the experimental facility, established to carry out experimental research component technology platform integration of heterogeneous distributed resources ZooSPACE.

Key words: distributed information systems, the integration of heterogeneous data, access control to information resources, Z39.50, LDAP, SRW / SRU.

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