CONSOLIDATED INFORMATION RESOURCE OF EDUCATIONAL LITERATURE OF LIBRARIES

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The role of libraries in the information society significantly was increased, because libraries retain the accumulated information and knowledge, and provide access to them. Nowadays the library science requires serious technological solutions in general. In connection with rapid development of advanced information technology and telecommunications, modern libraries activate their own electronic resources (electronic catalogs, databases, digital libraries, depositories) are created and the access to remote resources are organized.

The aim of the paper is to the development of a consolidated information resource that will systematize and consolidate all educational literature of school libraries, including electronic resources, according to library principles and erect information about them to the same format. To achieve this goal systematic analysis of the subject area is realized and means for website and database development is selected.

For the consolidated information resource modeling means of structural analysis such as Data Flow Diagrams and Entity-Relationship Diagrams are selected. The project of the consolidated information resource using the programming language PHP is created. As a DBMS for work with database project is used MySQL, which is a free system managing relational databases; primarily for creation of dynamic web pages is used, because it has excellent support by various programming languages and is considered as a good solution for small and medium applications.

The main functions implemented by consolidated data source are the following:

- disclosure of own school libraries funds;
- replenishment of school libraries funds with electronic documents by obtaining the full-text documents;
- provision of complete and accurate information to libraries users about all publications that are available in the libraries;
- promotion of cooperation and collaboration between Kuznetsovsk school libraries;
- promotion of the development of librarianship and ensuring the rights of library services users for high quality and timely library and bibliographic information service.

Keywords – consolidated resource, school library, library collection, information technology, database.