

Development and Trends of the Digital Library

數字圖書館的發展趨勢

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From automation to digitization, library services have developed to a new stage. The popularity of the Internet of things plays a major role in the automated library operations, with RFID technology. The digital library will further advance the level of information services.

With the ultimate goal of digitalization all the library resources of humanity to allow everybody to access the knowledge, anywhere at any time, CADAL, China Academic Digital Associative Library has now completed its phase I. The phase II of CADAL is starting early this year. The development of the project in phase I, phase II and copyright issues will be discussed in the speech.

Moving from digital library towards the Smart Library, users will be provided with an effective reading environment, computer-aided design (CAD) services, and computer assisted analysis and research services.

With the transition from database to Data Ocean, the services provided by the digital library will enable users to access massive amounts of data in multimedia formats, and information that is multilingual, open and unstructured, and multi-dimensional classified. These services will make the digital library more active, professional and intelligent.

The speed and extent of knowledge development and dissemination is closely related to the development of human civilization. It is essential to create digital libraries in the digital age, for digital library is a vital tool for managing the information explosion; an important means for developing knowledge economics and social evolution, and an important bridge for developing and promoting information science and library science. In establishing the digital library, developing international cooperation and exchange is also crucial.