

Construction of University Library Information Resources

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Abstract. With the rapid development of network and information technology, the demand for knowledge and information but also diversification and integration, information exchange and use of network services have become a trend in today's society. Information resources into a digital library building's core mission and national economic development priorities, and its research and construction levels will be directly related to the future status and role of libraries in the information age.

Keywords: construction of information resources, digital resources.

1. Introduction

To meet the needs of the network environment information service, a new information resource management - Digital Library came into being. Digital library is to use high-tech, orderly organization of information resources, change the current status information is scattered, inconvenient to use, efficient, high quality to meet the needs of readers, intellectual property protection, sharing of global knowledge resources.

As a new information service and knowledge service environment, the digital library is the information center and hub for the future of society, as the development direction of the Library of the 21st century, and the sharing of information resources, it has become the basis of evaluation of the level of an important social message signs, the level of its research and its construction will be directly related to the library's future status and role in the information age.

2. Correlation with traditional library digital library

Traditional library has played a huge role in promoting the development of human civilization, and give full play to the entire sequence literature, information transfer, intellectual resources development, social education and human heritage preservation function. With the explosive growth of the 20th century, the amount of information that people increasingly high demand for information, there is the inevitable result of the digital library information needs of people with a modern high-tech development, it will ask the very long period of time and in traditional library complementary coexist.

2.1 The difference between digital libraries and traditional libraries

Traditional library resources in print carrier literature-based, digital library resources are distributed online digital resources. Created by different agencies, management and maintenance of distributed resources is different from the traditional library digital library is an important feature.

Traditional library service model to the main hall, the user is also restricted geographical environment, departments, systems and other factors. The digital library can be exempted from the constraints of time and provide personalized information services based on user needs. And the information is passed to the way traditional library-based, digital libraries and information transfer is bidirectional.

2.2 Construction of the advantages of the digital library on the basis of the traditional library.

While traditional library and digital library presence of the difference, but not the essence. Digital Library is not the negation of the traditional library, but it led to the development of air into a broader

asked. Library building is still there, but the traditional information service model will not disappear, but the ratio of the printing carrier collection is relatively narrow, the relative expansion of digital resources, range of users increased significantly.

In the digital library construction in order to build a traditional library-based digital library has the following advantages:

Economy: With traditional library collections and bibliographic database of literature and other resources to start building a digital library on the fast, but also saves a lot of economic investment.

Authority: traditional library information organization rigorous scientific methods and professional teams, making the selection of information resources, quality control, organization, processing and transfer, etc., can ensure the accuracy and authority resources.

Therefore, the traditional library-based digital library is a wise choice to build the network environment library development.

3. Digital Library Overview

3.1 The concept of digital library

From a technical point of definition: Digital libraries are able to a variety of text, images, audio, video and other multimedia content literature to digital storage and management of digital objects identified by the control system, via a web browser, search, retrieval and transmission of each kinds of information, the use of technology to protect intellectual property rights management, Web publishing through an online library of digital information. Digital library based on computer technology, network communication technology, digital technology and technology-based document processing large numbers of literature resources information system.

Extended functionality, both white with a traditional library automation system functions, but also enable the modernization of library users' on-line access local and remote digital library resources. Therefore, the above description of the digital library concept, can be recognized as a digital library of the most fundamental focus should be on building digital resources, network resources, access and distribution of resource management, the progressive realization of national and global online resource sharing .

3.2 Features Digital Library

Digital information resources, and has a certain scale. It includes not only books, indexes, abstracts and other secondary literature (literature obtained clues), but more importantly is the traditional paper-based documents into a computer to recognize the digital information. Digital information resources is the basis of the digital library, the other characteristics of digital libraries are built on the basis of digital information resources on, which is the biggest difference between digital libraries and traditional libraries.

The essential characteristics of a digital library is to use modern information technology and network communication technology, literature various traditional media will be compressed and converted into digital information. Digital is the carrier of information, information attached figures exist; leaving digital information resources, digital libraries will be impossible.

4. Digital Library Information Resources Construction

4.1 Global overall planning, resource sharing

In order to avoid duplication of resources digital library of digitized object selection should be in first understand China Digital Library Project content, reference to other existing international museum retrospective and digital resources planning, formulation selection strategy digitized objects, so that the museum digitization project with national and even international digital library construction convergence.

4.2 Strengthen its entirety construction of multimedia databases, highlighting features

Currently the database using various types of readers, especially the maximum utilization of full-text databases, such as full-text periodicals library of Tsinghai University. Therefore, each library should overall system principle, the purchase of white collaborative own full-text database. Another departure from the principle characteristics, those characteristics have long-term study of digital literature and cultural values, and to build the museum features full-text databases, such as the University of Repository libraries. There are audio and video materials, CD-ROM with the book, especially in computers, foreign language tapes, tapes and CDs, there are a lot that is ready courseware, should be fully utilized to build the museum's multimedia databases, multimedia on demand or via a hyperlink, for the majority of students and university teaching and research services.

4.3 Identify the location, get attention

Digital library information resources construction is a cross-sect oral, cross-sect oral massive project requires a lot of financial support, technology, equipment, etc., particularly intellectual property rights and a series of issues that are the building process cannot untie the knot.

4.4 Ensure the security of information resources

Security issues of digital information resources focused on network security, and the complexity of the network environment determines the complexity of network security.

In short, the digital library is the next generation of information resource management model to adapt to the needs arising from network development, digital information resources is the foundation and prerequisite for its services, digital information resources construction is the core and key digital library construction. Therefore, construction and operation of digital libraries is good or bad, and is closely related to the quality of information resources construction.

Of course, the digital library is a theory and practice of eating fast development in the field, there are always new techniques to generate theory, we need to further explore and realize the true sense of the digital library is still long way to go. But as long as all of the digital library builders work together, step by step, to the long-term planning to do recently, I believe that in the near future, this white dream by exploring human civilization will be able to achieve.

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