

## **Analysis on the Characteristics and Construction Ideas of Literature Resources in Digital Times**

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**Abstract:** With the advent of the digital era, the management and construction of document resources are gradually showing a diversified development trend. The traditional construction of digital document resources can no longer meet people's development needs. In the digital age, there are many types of construction and management of literature resources, and there are certain differences in the processing methods and processes of different optimization models. This paper discusses the characteristics of document resources construction in the digital era, expounds its content and mode of construction, and puts forward some concrete methods of document resources construction according to the actual situation of our country.

### **1. Introduction**

In the digital age, the optimization management of the literature has been realized in resource construction. One of the important manifestations is the book information management system based on the development of library construction [1]. The application and development of computer technology has greatly affected the progress of human society. At the turn of the century to meet the new era, the ability of humans to process, store and retrieve information has been strengthened by the intervention of modern communication technologies. In the network environment, the scope of information resources has been greatly expanded [2]. Therefore, the literature information organization only optimizes the allocation and effective integration of information resources on the basis of understanding and mastering the types and characteristics of the literature information resources and following certain construction principles. At the same time, with the development of library information in our country, the construction of collection has gradually been endowed with new concepts. In the process of establishing the digital network environment, the library collection has also undergone fundamental changes [3]. Under network conditions, people use magnetic and optical carriers with large capacity to store information. With the help of computer processing and remote communication, the ability of processing, transmission and retrieval of document information is greatly improved. At the present stage, in the process of establishing a digital library management system, a diversified system management system should be established so as to lay a good foundation for the optimization of library resources and gradually realize the fine development of the library.

### **2. Characteristics of Network Information Literature Resources in Digital Age**

#### **2.1 Form diversity of digital document carriers**

The management of digital literature resources in traditional libraries is mainly based on books, newspapers and paper resources. However, with the emergence of digital network environment, the carrier of library digital literature resources is gradually developing towards electronic literature [4]. With the application of computer networking in the library field, some colleges and universities in our country have established campus networks. The campus network to be opened by major universities has linked the library with various users in the hospital, forming a document information network system for resource sharing. With the advent of the information age, the entity collection resources have been unable to meet the comprehensive and diversified information needs

of social science research and theoretical innovation. Ask. Electronic documents mainly use magnetism, light and electricity as the basic media, and store information such as documents, images and sounds in the media in digital way, so as to facilitate the use of literature resources in computers. It is an important factor to promote social progress and economic development, and should be jointly constructed by the society. From then on, the study of collection construction has been pushed to a more macro level.

## **2.2 The sources of digital literature information are relatively wide.**

The sources of digital document information resources are relatively extensive, and the content is rich, and the number is relatively large. In the process of establishing a traditional library, the acquisition of library information resources is mainly derived from the library's collections, academic research reports, and economic information activities [5]. In addition to the actual situation of the campus network, it will be enriched, updated, matched and transformed, and combined with the literature information of other university libraries in the region, the establishment of a regional university document information service center, to achieve a balanced, balanced, and rational collection of structural models [6]. Information on the Internet is not only updated in time and retrieved quickly, but also rich and colorful. Electronic books, electronic period; Periodicals and various databases play an important role by virtue of the powerful functions of the network and become an indispensable part in the construction of literature and information resources. Therefore, the combination of macro-level and micro-level literature resources construction, coordination and promotion are the main features of contemporary literature resources construction.

## **2.3 Virtualization, no cost, easy retrieval**

Due to the fast storage capacity of information data in digital network, readers can use title, author's theme or standard book number to search information resources, thus realizing fast acquisition of information. In order to realize the circulation and sharing of information resources, it is important for each library to strengthen the development and utilization of characteristic documents and information resources. Establishing and perfecting a database with local characteristics is one of the aims of network construction. Due to the development of modern communication technology, computer network technology and library automation and networking, the co-construction and sharing of library literature and information resources has entered an updated stage of development [7]. In the digital network environment, the sharing of digital document resources can broaden the reader's access to digital document information and gradually reduce the cost of information retrieval. In other words, the geographical concept can be combined from any perspective to form the multivariate retrieval needs of the literature [8]. The geographical scope is wide and varied, and it has changed frequently since ancient times, which constitutes an important aspect of the diverse needs of the literature. In the era of digital information, the guiding ideology of each museum should be completely changed. It is necessary to establish a systemic thinking based on the overall function, top-down, and macro, according to the library's construction in the region, the system, and the national literature resources. task. The possession of any collection in the collection and management of the literature requires the diversity requirements of the literature requirements, which is undoubtedly a thorny issue.

# **3. Analysis of Problems in Digital Document Resource Management**

## **3.1 There is a shortage of funds**

In the process of digital document resource management at this stage, insufficient funds for book purchase and a large number of demands for digital documents are the main contradictions in the long-term development of libraries. With the continuous development of social economy, this contradiction is even more obvious. Because when traditional library collections are converted into document databases and services are provided to users through the network, reprocessing similar

collections of other collections onto the Internet will result in waste of resources [9]. It has brought about fundamental changes in the way documents are transmitted. Electronic books and multimedia books with rich sound and form have brought great impact on the variety of documents collected by the reference room. The vast majority of documents collected by the reference room are traditionally paper books, and the collection rate of books on audio-visual, magnetic disk, optical disk and other carriers is very low. Some bibliographic control tools have reached a fairly complete level. The purpose is to solve the problem of centralized retrieval of local documents by means of bibliographic control and penetrating into the bibliographic or content level. In the case of insufficient funds, it is more difficult for libraries to draw out funds to expand their collection, which has a certain restrictive effect on the management of digital documents. The research on the construction of document resources is becoming more and more specific and profound. It includes all links from document collection to collection management, such as the selection and re-selection of documents, copy mode, structure and grade mode of collection, investigation and evaluation of collection, etc. The conversion between various document carriers is becoming easier and easier, and the type of collection of books is developing in a diversified direction.

### **3.2 Lack of digital network resource management system**

With the development of the times, if the digital document resource management still adopts the traditional way, its management mode will not only be restricted to a certain extent, but also will have a serious impact on the overall work quality. The traditional book and document information inquiry is time-consuming and laborious, with complicated procedures. And through the network environment, you can browse the world and appreciate the customs of different maps. Standardization and standardization are directly related to the success or failure of the digital construction of the library, and play a decisive role in the construction of information resources. They must be used as a main line throughout the whole process of the construction of digital information resources [10]. Higher education has changed from examination-oriented education to quality-oriented education. Readers' demand for digital literature resources has gradually become diversified. While enriching their professional culture, they also need knowledge in other fields. Leaders of various departments and departments pay insufficient attention to the construction of the data room, and the training and evaluation of the data workers are not in place, which makes the data workers' own business requirements slack, and can not objectively improve the ability to capture and organize information. Therefore, the layout of the future collection of books breaks through the time and space barriers of the traditional layout model, emphasizing the characteristics of the collection of documents in the libraries, the degree of digitalization of the collections, and the distribution of networks and databases, thus developing towards network and integration.

### **3.3 The inefficiency of the natural dissemination of digital document information**

In the process of disseminating information literature resources at the present stage, the information faces a huge amount of information, and the information is concentrated and easy to repeat, which makes the difficulty of digital document management work gradually intensified. In view of the problems of mutual independence, standard confusion and inconsistency in the organization of network information resources, in the development and construction of digital resources, it is necessary to abide by the network transmission protocol, data communication format, standardization of database construction, data processing standards and related document classification indexing. Standardization, standardization principles and requirements such as description rules. Since the funds of each department are uniformly distributed by the school, teachers have relatively freedom to purchase books. The department does not have relevant rules and regulations in the purchase and loan of books, which makes the purchase of books often repeated. This combination, like the indexing of ordinary documents, is by no means a problem that can be solved by simply enumerating some regional concepts or titles related to regional characteristics. Under the network environment, libraries are connected with each other by the network. A single library has its own independent collection, and can transmit literature and information through the network. It forms an integrated network space and a multi-level resource

collaboration network with a number of libraries or network resource centers. Through the optimization of digital network resources, the dissemination of digital literature resources can be improved, and the comprehensive development of digital literature resources can be realized in the final sense.

#### **4. Exploration and Analysis on the Practical Construction of Document Resources in the Digital Age**

##### **4.1 Strengthen the investment in the construction of digital literature resources**

In the process of the construction and management of digital document resources, the stability and healthy development of the construction of digital document information resources in libraries should be ensured, and the construction and development of libraries cannot be separated from the support of funds. With the development of information science and technology, networking has broken the operation mode of libraries for thousands of years. The appearance of electronic books and the arrival of a paperless society have brought about “qualitative” changes in libraries. Therefore, the construction of literature and information resources must highlight academic nature and authority. In addition to the academic status and popularity of authors and publishers, it should also include the stability and reliability of information institutions (or websites). Departments must attach great importance to the work of librarians. All the specialties employed by librarians should be related to their disciplines. They should have a certain understanding of the development of their disciplines. On this basis, they should train their professional knowledge of books. It is not a simple extension and inheritance of traditional libraries and their work, but a reconstruction and creation of social information resources and their knowledge units under the new technological background. Joint cataloguing and centralized cataloguing are carried out through the network to establish a unified standard joint catalogue; online bibliographic inquiry and information retrieval are carried out to obtain all kinds of information needed; information resources co-construction and sharing are the general needs of scientific researchers for information resources and the realistic needs to solve the contradiction between limited collection and unlimited reader needs of libraries.

##### **4.2 Strengthen the establishment of digital network resources**

In the process of the development of modern information technology and computer digital network, library resources have been widely used, and at the same time, the establishment of modern book resources has been accelerated. Therefore, libraries should strengthen the re-education of on-the-job personnel, train them in computer operation and application software, form a harmonious working environment of human-computer integration, and realize the computer management of Library work. Information resource sharing requires resource co-construction to be an open system, and the openness of the system necessarily requires compatibility and portability of the system. Firstly, the document resources of digital library should be shared. Secondly, through the introduction and development of digital literature resources, the construction of network digital resources will be strengthened. In its basic rules and conventions, it also makes flexible provisions for the development of basic elements, which has a good adaptability to comprehensively and deeply reveal and express local literature resources. The use of the database to standardize the management of these information records, rapid transmission through the network, document management to the direction of information. It is necessary not only to introduce professional talents in library and information, but also to appropriately increase the talents of relevant disciplines. It is also necessary to attract composite talents with computer technology and modern communication technology to enrich the team of librarians. In this way, readers will compare each other when using various documents, and will attract more readers to use the new media literature.

##### **4.3 Access to resources based on user needs**

In the process of using digital networked resources, the access and ownership of digital literature resources should establish a hierarchical concept. Through the analysis of users of different ages,

knowledge levels and hobbies, digital literature resources should be systematically stored. Network information resources are not only an important source of information for social science research, but also a guarantee of rich information resources for libraries. This is the responsibility of library resources construction. Colleges and departments and libraries are managed by the school in terms of administrative subordination. Colleges and universities are the only legal persons in terms of property rights. Therefore, resources procurement organizations should be established within the school, books procurement between the library and departments should be coordinated, books purchase funds should be used effectively, and effective management mechanism should be established. In the process of optimizing digital document resources, the concept of “every reader should have his book” should be adhered to, that is to say, different users should be treated differently in the process of collecting books in the library. It is also possible to directly use natural words to describe and index the concept of specific reference of relevant contents involved in document resources, the characters of document research or relevant characters, so as to comprehensively express the specific reference contents of documents. At the same time, in the process of digital document resources construction, managers should also pay attention to ensure the personalization of digital document resources collection and realize the timeliness analysis of information and the usability analysis of resources.

## 5. Conclusion

To sum up, in the process of establishing the digital document resource management system, the traditional concept of resource collection can no longer fully meet the development needs of library resource management. Science and technology is the first productive force. The document resources under the network environment will give wings to economic construction. Besides the collection of literature resources, its organization and management is also an important content. According to the nature of the work, the library should establish a document collection, circulation and inquiry system to carry out unified management of the collected document resources. Although many libraries are prone to self-satisfaction in the process of collaboration and coordination, the management system of digital information resources should be fully adjusted in the process of establishing libraries. In the 21st century, with the increasing development and progress of science and technology, the mode of document resources construction and sharing under the network environment will play an increasingly important role.

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