

Research on the Development and Management of Library Electronic Information Resources

Lili Zhao

Book Information Management Office
Aviation University of Air Force
Changchun, China

Lishu Zhang

Book Information Management Office
Aviation University of Air Force
Changchun, China

Dake Wang

Book Information Management Office
Aviation University of Air Force
Changchun, China

Abstract—Under the new situation, Chinese governments are paying more and more attention to the development and management of library resources. The level of science and technology development in China is also gradually improving. More and more library resources and literature information have realized the diversified and scientific storage and development with the help of science and technology. These information resources can also realize the storage and use of future generations, which greatly enriches the management scope of the entire electronic information resources and improves the management efficiency of the information resources. The development and management of the library's electronic resources should be carried out by means of diversified information technology, and a large amount of library literature information should be stored in the corresponding electronic information equipment. How to better use and manage the library's literature information is worthy of analysis. This paper mainly studies and analyzes the development and management of library electronic information resources.

Keywords—library; electronic information resources; development and management; research analysis

I. INTRODUCTION

To carry out the development and management of electronic information resources in libraries, it is necessary to base on the actual situation of quantification of library literature resources and present specific document information in diversified information resources. At present, the overall application level of electronic information technology in China is constantly improving, so it is necessary to focus on doing more diversified management and diversifying the development and management of the entire library resources, so as to exert the value and role of the entire library electronic information resources. This paper mainly analyzes the development and management of library electronic information resources. Firstly, it expounds the preservation strategy of library electronic information resources, and then, it expounds the management strategy of

library electronic information resources, hoping to inspire the development and management of library electronic information resources.

II. THE PRESERVATION STRATEGY OF LIBRARY ELECTRONIC INFORMATION RESOURCES

Under the current situation, the way of recording and storing information has changed from traditional paper to diversified hard disk and electronic information, which has also achieved qualitative changes. Recalling the ancient times, from the invention of tortoise shell to papermaking, to the current electronic information storage technology, it can be seen that the progress and application of science and technology have an impact on the actual information storage. However, China's current electronic information storage technology is still in its infancy, and there is still a lack of experience in the development and management of electronic resources. The development and management of electronic information resources often involve content such as machines, software and information technology, therefore, it is necessary to do a good job of controlling these aspects.

A. Choosing the Right Structural System

For the electronic information development and storage management of libraries, it is necessary to clarify the multiple factors faced in the process of electronic information storage. Digital libraries contain more technology and information and specific digital content, but at present, no digital library can achieve an efficient and perfect application, and there are often some defects and omissions. Computer digital libraries often contain a variety of technologies. Both of information storage and digital content arrangement can play their own unique value, but digital libraries also have certain limitations. How can people realize the utilization of electronic information resources more perfectly and efficiently? It is necessary to grasp the content of electronic information resources, and in the process of making corresponding management decisions,

comprehensive and reasonable analysis and coordination are needed to ensure that electronic information resources can be efficiently developed.

B. Choosing the Right Electronic Information Resource Technology Platform

In view of the development and management of library electronic information resources, it is necessary to clarify the significance of the technology platform for its resource development and management. Only by building a suitable electronic information resource technology platform can the efficiency of the development and management of electronic information resources be ensured. Therefore, it is necessary to specifically grasp the content characteristics and characteristics of library electronic information resources, establish corresponding technical specifications and management standards for the development and management of electronic information resources, and effectively ensure the quality of library electronic information resources development and management, so as to achieve a good foundation for the communication of electronic information resources between libraries and leave a certain space for the expansion of electronic information resources of libraries. On this basis, it is necessary to carry out the development and management of electronic information resources of libraries, do a good job in investigating and researching the market environment and information resources development environment, build the hardware, software and system of electronic information resources development and management to lay a good foundation for the efficient use of library electronic information resources.

C. Choosing Media Materials That Are Conducive to Long-term Preservation

For the electronic information storage in libraries, it is needed to choose a media material that can help the long-term preservation of information. The media refers to the entity of information storage and the material of information record. This electronic information resource, like the traditional literature, is usually the media material that needs to be accurate and targeted. In many cases, the loss of electronic information resources and data is closely related to the damage of media. Therefore, in the preservation of electronic information resources in libraries, attention should be paid to the selection and control of diversified media and the control of media environment. The control of the media environment is of particular significance for the development and management of electronic information resources. In the new era, more and more people are paying attention to the research and development and management of actual information media storage. Many professional and authoritative organizations have achieved certain results in media management and disaster control. The National Archives Administration has also conducted more in-depth research and believes that there are three types of optical media that can implement digital recording storage media, including CD2ROM, WORM, and CD-RW. China has also carried out in-depth research on the data storage of electronic information resources, and has carried out targeted regulations toward them. Electronic documents should be

copied into the carrier of durability, and more of them should comply with the quality of the actual storage media to carry out. Generally, it should be preceded by CD-ROM and CD-R and CD-RW tapes. It is worth noting that the use of disks as a storage carrier for archived electronic files is prohibited. In the process of developing and managing information resources, a good job should be done with diversified teaching norms, which also lays a certain foundation for the application of digital media.

III. THE MANAGEMENT STRATEGY OF LIBRARY ELECTRONIC INFORMATION RESOURCES

China's overall science and technology is increasingly developed. In the process of managing actual electronic information resources, more diverse information technologies are often needed. On the other hand, it is necessary to work in conjunction with actual information technology. The development and management of such electronic information resources must not only be done in the application of information technology but also in combination with the overall resources of the library. Therefore, several following things should be done:

A. Establishing a Responsibility System

To carry out the management of library electronic information resources, it is necessary to combine the specific electronic information resources to achieve actual development and management. The management of paper documents should pay attention to the corresponding document preservation and management. Of course, combined with the specific paper quality, a good job in diversified information management should also be done. Electronic information resources are not a single conversion of document information, and also involve the application of information technology. However, the management of many electronic information resources is often difficult to play a specific value of information resource management. Many staff do not regard the management of electronic information as a very important thing, and there is often a shirking of responsibility. Based on this situation, when many staff members carry out the development and management of electronic information resources, they often follow the management methods and rules of traditional publications, and even a single library and other document management departments undertake the responsibility for the preservation and management of corresponding electronic publications. In this case, it is often difficult for a lot of work to play a specific role. At the same time, restricted by certain information technology, it is often difficult to give full play to the value of digital information development and preservation management, which requires the actual digital information to be implemented from a single digital information to a specific information system, however, it will also involve problems in system upgrading, which will have a certain impact on the specific work of the library. Generally speaking, the planning and management of specific electronic information resources should follow the formation of actual digital information and the preservation of corresponding digital information and carry out specific

management responsibilities. At the same time, information owners and providers often associate their information resource management with the in-depth mining and development of subsequent information, which may eventually lead to restrictions on the role of electronic information resources. Therefore, it is necessary to clarify issues like the owner and follow-up provider of electronic information resources. The government should also combine the specific digital information to do a good job of management, combined with the library electronic information resources to implement the corresponding laws and regulations, to achieve the standardization and standardization of the development and management of electronic information resources.

B. Identification and Selection of Digital Information Resources

To develop and manage electronic information resources in libraries, it is necessary to do a good job in the identification and selection of electronic information resources, which is mainly due to the complexity of the overall structure of electronic information resources. In addition to the development and management of actual valuable information, it is a necessity to grasp the large amount of spam and useless information in electronic information resources, so the proper identification and screening is needed to avoid the embarrassing situation of overall preservation. Therefore, in the development and management of actual electronic information resources, it is necessary to do a good job in assessing the value of information and constructing standard specifications for the identification and selection of electronic information resources. In many cases, electronic information resources are prone to certain changes. The data is subject to certain changes. In order to ensure the efficiency of the development and management of electronic information resources, attention should be paid to the selection strategy and specific information content of the digital information, the structure and background of the information resources as well as the fixedness and reference management so as to ensure the library electronic information resources to achieve more efficient development and utilization.

C. Carrying out Diversified Cooperation

In view of the development and management of the electronic information resources of the library, it is necessary to make clear the importance of the electronic information resource management. In order to realize the sharing of the development and management of the whole electronic information resources, the diversified approaches and methods should be adopted to actively enhance the cooperation of the diversification. And the coordination and management of various kinds of document resource information should also be emphasized, so that more efficient development and management can be realized.

IV. CONCLUSION

In general, for the development and management of library electronic information resources, it is necessary to

choose the appropriate preservation strategy of library electronic information resources, which requires the selection of appropriate structure system and appropriate electronic information resource technology platform, the selection of media materials conducive to long-term preservation, and the application of CD2ROM, WORM, CD-RW, CD-ROM, CD-R and tapes. At the same time, it is necessary to establish responsibility system, identify and select digital information resources, carry out diversified cooperation and promote the efficient development and utilization of library electronic information resources.

REFERENCES

- [1] Xu Zonghua. Research on the Management Strategy of University Libraries Based on "Internet +" [J]. Ability and Wisdom, 2018(12): 194+196. (in Chinese)
- [2] Yang Xiaoqing, Deng Man. Intellectual Property Protection in the Management and Utilization of Electronic Information Resources in University Libraries [J]. Journal of Suzhou Education Institute, 2005(01): 116-118. (in Chinese)
- [3] Tian Yongmei, Niu Wenyan. Development, Cooperation and Value-added Services of Library Electronic Resources in the Age of Knowledge Economy [J]. Journal of Shanghai Jiaotong University, 2003(S1): 139-141. (in Chinese)
- [4] Peng Sulan. On the Construction of Electronic Management System for Book Borrowing [J]. Journal of Jilin Radio and Television University, 2015(04): 96-97. (in Chinese)
- [5] Liu Shurui, Zhang Nan, Zhang Cong, Zhang Honglin. Construction and Service of Electronic Information Resources in University Libraries [J]. Science Consulting (Science and Technology Management), 2012(10): 75-76. (in Chinese)
- [6] Tang Xiaolu. Problems in the Development of Electronic Information Network in Medical Libraries [J]. Jiangsu Science and Technology Information, 2012 (06): 33+41. (in Chinese)
- [7] Jin Xiaoqiang, He Peifeng, He Zhongyin. Research on the Evaluation of the Utilization Effect of Library Electronic Information Resources [J]. Shanxi Library Journal, 2012(01): 19-21. (in Chinese)
- [8] Li Tan. Discussion on Information Management and Service of Electronic Reading Room of University Library [J]. Journal of Hubei Adult Education Institute, 2011,17(06): 42-43. (in Chinese)
- [9] Xu Bin. Management of Library Electronic Reading Room and Development and Utilization of Information Resources Under Network Environment [J]. Journal of Inner Mongolia University for Nationalities, 2008,14(06): 149-150. (in Chinese)
- [10] Yang Jinshan, Tian Lijun. Analysis and Research on Integrated Management Methods of Library Electronic Information Resources [J]. Information Science, 2006(11): 1630-1633. (in Chinese)
- [11] Wang Fenghua, Dong Yuying. Research Status and Practice Progress of Library Electronic Information Resources Integrated Management [J]. Library Science Research, 2006(09): 34-38+33. (in Chinese)