

Research on Subject Service Path of Local University Library Based on Regional Alliance

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Abstract: The large-scale application of 5G technology and the wide application of mobile Internet have created good technical conditions for optimizing the university library management and service of regional alliance. At the same time, due to the socialized team cooperation mode of scientific research, it puts forward new requirements for the management of local university library of regional alliance. Under the dual promotion of demand and technology environment, it is imperative to use network technology to promote the innovation of subject service management of regional alliance university library. This paper briefly introduces the concept of regional alliance to adapt to the management of university libraries in the same region, combs the principles of innovating university library service under the background of regional alliance, and explores the path of optimizing university library subject service under the background of regional alliance, aiming to provide reference and suggestions for universities to improve the level and efficiency of book service in local university libraries under the current regional alliance.

Keywords: Regional Alliance; University Library; Service Path

In recent years, with the concept of network sharing and the vocabulary related to the concept of regional alliance technology become the focus of society, and the concept of regional alliance has gradually come into people’s view. The university alliance in the same region of each region is emphasizing to accelerate the development of innovative management of “regional alliance concept”, which promotes the application of regional alliance concept throughout the campus. As the forefront of high-tech and advanced management concept research, university library is naturally one of the first application scenarios of regional alliance concept technology. According to the characteristics of decentralization, the concept of regional alliance is very suitable for the current decentralized education system. It can be applied in the process of student identity authentication, library management and many other campus library services, and has broad application prospects. The combination of regional alliance concept technology with big data, cloud computing and other new network technologies will certainly promote the development of smart campus and further promote the teaching reform of colleges and universities.

1. The concept of regional alliance is suitable for the management of university libraries in the same region

1.1 The concept of regional alliance adapts to the situation of university library

The concept of regional alliance management (what is the concept of regional alliance?) refers to the multiple libraries of

multiple adjacent universities, including comprehensive libraries, professional libraries, professional reference rooms and archives, jointly forming a regional alliance to unite all kinds of books, information, teaching aids, management information and systems.

Sharing idea (what idea) is the sharing of all kinds of library resources in the alliance, open to students and teachers in the alliance, and open to the library management system in the alliance.

The concept of sharing is very practical. In the concept of regional alliance, each node in the alliance will know the information stored by each node. (Figure 1)

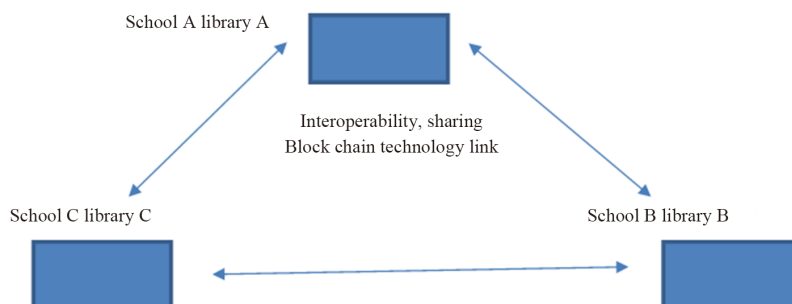


Figure 1. Each node in the alliance will know the information stored by each node.

If you want to call, you only need to join the alliance to carry out the book service according to the agreement of the alliance, and the service function can be mutually recognized. Because of its unique advantages in the convenience of use, it is suitable to be applied in the campus library services. For example, the problem of borrowing and sharing in student library card can be well solved by using the concept technology of regional alliance. By analogy, the regional alliance concept block chain technology can be applied to the campus information collection system and library information network communication system, and can also be applied to the construction of intelligent library buildings and e-book lending system, so as to assist in the construction of regional alliance campus, regional alliance classroom, regional alliance canteen and so on. In addition, due to the decentralized and distributed characteristics of the regional alliance management concept, it can reduce the need for the construction of centralized large-scale library, reduce financial expenditure, and provide a kind of efficient, convenient, safe and reliable, and low-cost book management option for the school campus management.

1.2 The concept of regional alliance adapts to the whole service process of university library

The application of regional alliance concept block chain technology will significantly improve the students' learning record authentication mode. Therefore, the concept of regional alliance management is widely used in learning borrowing records and library lecture learning records. The concept of regional alliance can be used to establish a library learning bill for each student. In this bill, students' learning situation in the library, book borrowing situation, reading notes completion situation, library lecture participation situation, and academic exchange activities can be recorded. Every link of library use can be recorded in the study bill, and the record schools in the regional alliance library are recognized, and finally form the bill credit as the index of students' academic evaluation system, the basis of the final graduation standard and the recruitment basis of the employer. According to the characteristics of the concept of regional alliance, the concept of regional alliance can be used in many aspects of higher education.

2. Principles of innovating university library service under the background of regional alliance

2.1 To meet the needs of library management as the principle

Book management, whether it is traditional paper-based, or digital management, or now the network cloud management, these are just measures and means of book management. The purpose of book management is to facilitate the use of existing materials for book reading and information research. The application of block chain technology innovation in regional alliances should serve the needs of library management itself, guide innovation by demand, and carry out problem-based development.

2.2 Innovation principle centered on teaching and research

Management serves people. The university uses the mobile Internet technology to upgrade the library management of the

regional alliance, which is to highlight the role of auxiliary teaching and scientific research of university library information. Using new technology to wake up the scientific research materials hidden in the library of the alliance, provide guidance and reference for teachers' teaching and scientific research, and provide convenient and efficient means for teachers and students to find their own research related content in the information ocean. The book management in the regional alliance starts from teaching and scientific research, serves teachers and students, and makes full use of Internet technology and Internet thinking to show the big data role of book database.

3. The path of optimizing university library subject service under the background of regional alliance

3.1 Making full use of the new technology of mobile Internet to enrich the means of book service

On the basis of sharing library service information in regional alliance, the emergence of new mobile Internet technology provides many means for the innovation of university library management in regional alliance.

First, we can use H5 web technology combined with Wechat small program to establish Wechat library and actively transform the existing book database, so that students and teachers can easily view books and materials anytime and anywhere by using mobile phones. At the same time, the use of Wechat small programs to facilitate electronic data collection and collection, improve the collection efficiency of first-hand books and materials.

Second is to apply the data processing capacity of cloud big data center, introduce external computing resources, expand the "cloud digital book data center", and promote the university library management into a key part of the learning data information resource database. For example, big data can be used to record the borrowing materials of students in various disciplines in the alliance, and the number of browsing data can be processed to provide students with learning ability analysis and learning suggestions. This can not only expand the school's data processing capacity, but also build a new platform for regional alliance library management under the background of big data, and lay the foundation for the next development of library management.

3.2 Making full use of Internet technology to promote the interconnection and sharing of book information in regional alliance

The application of the Internet links the broken world into a whole, and makes isolated information islands communicate with each other. University library management should make full use of the characteristics of the Internet to promote the interconnection and sharing of various information in the school. The innovation of library management mode can start from breaking through the boundaries and barriers of library management, book sorting and information collection departments, and try to establish a unified big data center. Of course, this goal is not achieved overnight, and it needs the hard work of librarians. For example, we can communicate with each department library of the union school in the region, and formulate the standard book format for each library that can meet their respective requirements, and establish the relatively unified book standard in the region, so as to promote the specific sharing and common foundation of the book database at the beginning of the establishment.

4. Conclusion

In a word, as a new technology, the concept of regional alliance, due to its high reliability, decentralization, distribution and many other excellent characteristics, which matches the needs of higher education, provides a new opportunity for the reform of education management mode and the improvement of students' teaching and living management mechanism. In this context, capable universities can build their own regional alliance concept technology team. All departments of higher education should seriously evaluate the possible role of the concept of regional alliance, implement the concept of regional alliance, and let the reform benefit the angry students as soon as possible.

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