Analysis on the New Development Direction Of Library Materials Based On Knowledge Informatization

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Abstract. With the development of information technology, the traditional paper knowledge information has been toward the trend of informatization. Therefore, the library materials information also gradually informatized. This paper first explains the development trend of library in China, and discusses the existing problems and optimization of library information, so as to provide readers with reference.

Keywords: Informationization, Management, Standardization, Network Area

1. Introduction
Today, people still read in the library. Through the use of information technology means, the library can provide better services for the vast number of readers. However, in the process of library information construction, there are many problems that need to be solved urgently. The following is to discuss these problems.

2. Analysis of the development trend of Chinese libraries in the information age
The development of libraries in China is in the transitional period from traditional libraries to new libraries [1-3]. In the future, the relationship between traditional libraries and digital networks will change from the current state of semi-competition and semi-cooperation to a comprehensive cooperative relationship. In the future, the library will get rid of the paper text service form of single literature, books and materials, and realize the operation mode of diversified content and types of paper books, e-books, film and television materials, audio-visual electronic products, electronic newspapers, e-books and other service products [4-6]. The future development of libraries has the following trends. The traditional library, whose main service products are literature collection books, the new digital library, whose innovative integration of the traditional library model and the digital library model, and the new library, whose core is the combination of the three-network fusion technology and the physical network technology, coexist.
Second, to achieve cross-regional regional, network alliance, eliminating barriers to knowledge transfer function of the world, national library of oversize is given priority to, with regional and local large and medium-sized library is complementary, based on the industry and subject classify and personal needs of individual preferences and the construction of professional, personalized, small miniature library as supplement, such as creativity, green library, such as unitary specialized library.

Third, commercial, semi-commercial and non-commercial library business models coexist. At present, the library is mainly composed of non-commercial library, and there are some semi-commercial forms. Although libraries have the characteristics of public benefit, the marketization of the library industry is the most effective for the allocation of resources, and library commercialization is an important way for the future development.

Fourth, community multi-functional integration, the integration of cultural institutions library. On the one hand, the multi-functional community library will be equipped with educational training, restaurants, concerts and other service entertainment institutions. On the other hand, libraries will integrate with museums, cinemas, concert halls and other cultural service institutions, and systematize the knowledge supply chain of information resources, entertainment products and cultural materials. Libraries will be the cultural center of urban communities in the future.
3. The necessity of book management innovation from the perspective of informatization

3.1. Innovation is an inexhaustible source of power to promote the development of book management
With the advent of the era of "big data", intense, all kinds of knowledge information in response to the situation of this age, the books management only reacted quickly, keep the keen insight, seize the opportunity, act decisively, timely identify and determine their own management deficiencies, and make corresponding to the environment change, can only be in an impregnable position. The innovation of library management should start from the aspect of improving the management work efficiency, using the tool of science and technology to simplify the management work flow, and finally achieve the goal of improving the management work efficiency. In addition, library management innovation should also make long-term planning and make scientific and forward-looking decision choices in combination with the latest changing trend of the development of the book business, so as to adapt to the changes of the new era environment and reduce the obstacles in the future development of the book management business.

3.2. Innovation is the objective demand of the era of "big data"
Traditional book management system and management mode design, mainly based on limited people's behavior as a perspective, which leads to the formulation of various rules and regulations is too rigid, not flexible. This old system inevitably hinders the smooth progress of the management of books and materials, and to a certain extent restrains the development of emerging things, thus making the management of books remain rigid and rigid for a long time. But with the advent of the era of big data, some factors in the external environment of the change of the respect such as technology, equipment, etc, in objectively requires management must carry out reform and innovation, only in the face of the status quo, promote internal and shape matching, the traditional books management mode constantly to exploration and innovation, to the development of books provide a harmonious environment, to ensure that books management to keep pace with The Times, to make the books management work.

4. Facing the challenge of the impact of informatization on the traditional book management mode

4.1. Insufficient and unshared information resources
With the popularization of computer network technology, each unit has gradually put forward the
slogan of "informationization" in the management of books, in order to make searching for information more quickly and conveniently, and has set up their own library network retrieval system. The platform of network retrieval makes the students who use the network to search for information grow stronger and stronger. Generally speaking, students first find the required materials through Google and other Internet search engines according to their needs, and then go to the network information retrieval system of the library. However, they may fail to find the literature or the number of relevant literatures is very limited, which cannot meet their needs. This kind of information found on the Internet can not be found in the library, which fully exposes the shortcomings of the lack of library materials resources.

At present, the database construction of libraries in Our country lacks foresight in planning. Although school library are correspondingly established electronic library, introduces the network technology, but across the country, between each library for subjective or objective reason appeared in the construction of network construction, leakage caused by the information channel between the library closed, which could not form an effective network information resources sharing. Therefore, although students can find the resource information they need on the local area network of the school, they cannot get the information resources of other libraries, which is the so-called information semi-closed phenomenon. With the acceleration and expansion of information technology, students are more inclined to use various channels to learn new knowledge, rather than choose to borrow books through complex lending procedures, so the problem of information management appears, there is a waste of resources, is not conducive to the optimal allocation of resources.

4.2. Information. Resources are too single
In the process of resource procurement, the information resources purchased by the library are too single, and the existing information resources are not deeply developed, lacking of individuality and unique characteristics. The personalized characteristic database cannot be established, which will weaken the overall strength and competitiveness of the library.

4.3. Students' bad habit of borrowing books
The library environment is quiet and quiet, which is the best place for students to study. There are a large number of books and materials in the library, creating a strong learning atmosphere. Therefore, students often choose to read books in the library from morning till night. In order to save time, they will find many books they are interested in at one time and put them beside them to read slowly. However, due to students' forgetfulness or weak awareness of library management, many students will put the books on their seats after reading them without putting them back in their original place, which results in many books not being sorted out. In addition, some students did not mark the materials on the shelves after they took them away. When they forget where the books were originally placed after reading, they put them in the wrong place, thus causing chaos in the placement of the books and materials. In addition, there will also be such a situation that students in the library access system to look up relevant information after the location, to look for books on the shelves but can not find this. Therefore, although the library has a clear management system, students' failure to observe the discipline of library management also brings great troubles to the library management.

5. Measures to improve information construction and management of library materials
Through the above analysis and discussed, the current information of social management and service for all walks of life has brought great challenges, so in order to better serve the readers, library must improve work efficiency, the data of informatization construction, so as to constantly adapt to the readers and the society to the requirement of library service. In order to further improve the library information management, we can start from the following points.

5.1. Establish a library information network
With the rapid development of science and technology, information technology and network
technology have become more and more mature, and the sharing of information and mass information provide a good foundation for the future construction of the library. Therefore, libraries need to build a data information network, which can realize the networking and information sharing, therefore can do the following: first, the cooperation with other libraries, Shared storage books through the Internet, because of the people-oriented service concept in modern society there is a growing, so in order to better serve the readers, the library can be mutual cooperation between, share their books or information resources, so that they can reasonable use of resources between different library, truly resource sharing; Secondly, the library establishes its own management system, which can easily provide readers with access to book information, so as to reduce to some extent the time that readers need to browse and retrieve, and truly provide convenience for readers.

5.2. Establish a standardized database of books and materials
In order to further improve the information management of library information, it is necessary to establish the standardization information database, need to do the following: first, in the process of database construction, try to follow the books management norms and standards, for example: the serial number of books should follow international standards, such ability can harmonious and unified information between different library, second, build database of books and materials must be able to include almost all areas of science, and the books related to the classification and sorting, database established related index for books, and can help the reader quickly and accurately find the position of the books information; Thirdly, by taking advantage of the combination of book data database and information network, it is necessary to sort out the latest scientific research achievements, scientific decisions or relevant patents, etc., and then add them to the relevant database. The book data in the database should be updated in a timely manner.

5.3. Improve the comprehensive quality of staff
As library services and management more perfect, the quality of library staff must also be related to ascend, as soon as possible to grasp information operation steps of library materials, therefore we need to do the following: first, strengthen the foreign language training and related practice, due to the information in the library, in the construction of information management have been therefore likely future library cooperation and communication with other countries, but also in daily work may encounter some foreign language books, so in order to better service for library work, it is necessary to carry out staff related to foreign language training; Second, strengthen the training of relevant computer knowledge to the staff, and gradually improve the computer operation level in the work or practice, and need to master the knowledge related to database operation, understand the basic principles of computers and databases; Thirdly, the librarians should be able to classify, edit and process the library materials and information, etc., so that they need to switch from manual operation to computer operation.

6. Conclusion
To sum up, in order to promote the development of library informatization, it is necessary to establish library information network and establish a standardized library of books and materials. In addition, library staff should improve their comprehensive quality, strengthen relevant training and practice of foreign languages, and improve their comprehensive quality.

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