Research on the Strategy for Digital Music Library Construction in Colleges and Universities

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Abstract—**With the rapid development of computer music technology, the traditional library service model has been unable to meet the needs of students for professional music literature, video and audio video resources. This paper discusses the development and change of music library in the digital environment and the necessity of developing innovative services, and expounds the countermeasures for the digital music library in colleges and universities to change the traditional service concept, to provide active services and knowledge services for teachers and students, and to optimize the team and improve the comprehensive quality of personnel.**

Keywords—library; music library; the digital music; strategy

I. INTRODUCTION

With the continuous improvement of people's living standard, people's pursuit of spiritual civilization is also increasing day by day. Music art is particularly prominent, and music cultural market also prospers together. At the same time, computer music, as a new technology integrating modern computer science and music art, has also received attention, research and application in many fields. It makes the creation, modification, performance and communication of music change from traditional manual mode to high-tech mode, and brings fundamental changes to the production mode of human music activity.

After the 1990s, due to the wide use of digital technology, "digital library" has gradually replaced "electronic library". Digital library is electronic information storage, can store a large number of various forms of information, users can easily access through the network, in order to obtain the required information, and the greatest advantage is that its access is not limited by geographical restrictions. Digital library is a brand new science and technology, but also a brand new social enterprise, is a kind of digital information resources with a variety of media content, can provide users with convenient, fast, high level of information service mechanism. Theoretical research on digital libraries is also booming, and more importantly, experiments of digital libraries in various disciplines supported by the national government are being carried out on a large scale and in a planned way. The library that collects the literature and information of music subject in a key way to make it complete in a systematic way and provide services for readers with specific needs is the digital library of music

subject. Music library is an open public service place that provides music fans with a series of service knowledge such as appreciation, identification and rental, so as to improve their music quality and music level.

II. THE CONSTRUCTION DILEMMA AND REFORM NECESSITY OF PROFESSIONAL MUSIC LIBRARY

At present, there are many digital music libraries or similar websites and systems on the Internet, such as shrimp rice network, Ya burning network, digital music library and so on. At the same time, the field of digital music library has also achieved a lot of research results. As a result, in just a few years, almost 70% of comprehensive colleges and universities in China have scrambled to set up the Department of Music and Art, and many universities are also preparing. However, while the colleges and universities are building up a large number of music and music departments, the construction of music professional books and audio-visual materials and the construction of books and materials for music teaching and research are not optimistic.

Almost all professional music library construction has such problems as the poor equipment widely exist in comprehensive universities, comprehensive professional digital music library, there are many new such as ideological understanding, the short of funds, insufficient staff less, low quality problems, such as one by one to solve these problems, a comprehensive professional digital music library construction problem of the natural will be readily solved.

Professional music library construction and management of the hardware behind, low level of information service of the solution, as a result of the departments for reference input, the library office automation degree is generally not high, basically still continue to use traditional manual service mode, hardware's lag in computer technology, network technology and other modern means not enough use, information service and can only be an armchair strategist.

Generally speaking, the professional digital music library of comprehensive universities has common characteristics, such as small scale, lack of comprehensiveness and dependence. The small scale reflects the small number of books in three aspects, generally less than 10,000 volumes; the management staff is small, usually 1 to 2 people, and rarely 3 or more; the library area is small, generally about 30

square meters; dependency Large, generally a supplementary institution, so the dependence on the department is great. In addition, from the perspective of funding, the professional digital music library of comprehensive colleges and universities, in addition to relying on regular or irregular funding from higher levels, generally cannot obtain funding from the outside world, such as professional libraries at the above level, which restricts to a large extent The development of professional digital music libraries in comprehensive universities.

The professional digital music library must cooperate with the professional teaching and scientific research tasks of the department, and systematically collect, sort out and deliver the documents and materials in line with the department. Therefore, it not only requires the literature to be professional, but also requires the professional knowledge of management staff.

III. THE PRINCIPLES OF DIGITAL MUSIC LIBRARY CONSTRUCTION IN COMPREHENSIVE COLLEGES AND UNIVERSITIES

With the reform of higher education system and the development of higher education, the scale of colleges and universities has been expanding and the number of students has increased substantially. This has brought great pressure and problems to professional digital music libraries. The comprehensive digital music library of comprehensive universities can carry out small-scale construction according to the actual situation, such as the number of professional teachers, the number of students, their own conditional funds and the area of the building, and give full play to the role of the library's audio-visual materials to serve teaching and scientific research.

A. Professionalism Principle

The professional digital music library is set up to meet the needs of music professional teaching and scientific research. It is a literature institution that provides readers with achievements through the collection, arrangement, production and organization of music professional literature. Therefore, the professional characteristics of music must be reflected in the literature collection.

B. Systematic Principle

As a documentary resource for a small data room, there must be long-term planning. The literature collection work is planned. After studying the needs of music majors, the collection criteria, key points, number of copies and fillings are determined, so that the collection of documents is continuous and systematic, so as to form a certain collection system.

C. The Principle of Sharing

Due to the influence of funds and other factors, it is impossible for a professional digital music library to timely collect all the necessary documents, so it is necessary to establish the principle of sharing when collecting documents, that is, to carry out document exchange. By exchanging relevant documents, not only money was saved, but also some information which could not be ordered was obtained.

D. Practical Principle

The quality of the literature should be measured according to its use value. The literature with low usage rate, whether new or old, is no longer a valuable asset for the profession. The purchase of such documents can only result in waste of manpower and material resources. Therefore, the construction of the collection of professional digital music libraries should pay attention to the practicality of the literature.

IV. THE PROBLEM SOLVING STRATEGY OF DIGITAL MUSIC LIBRARY CONSTRUCTION IN UNIVERSITIES

A. Investment in the Renewal of Digital Music Library Hardware Construction in Comprehensive Colleges and Universities

Campus network can be used to promote the modernization construction of the library while the digital music library construction comprehensive professional colleges and universities lack due to many factors; but the college can rely on the relatively perfect campus local area network for modernization, on the premise of on campus network, first set up a small amount of reservation, for teachers and students to access to relevant data, using a wealth of information resources in the local area network (LAN). Gradually, modern equipment such as microcomputers, recorders, copiers and scanners will be acquired to expand the scale of our operations. Use of existing equipment, and the accumulation of digital information in some literature will use equipment support; the use of relevant software has developed and used for free in the user; for example, via "super star electronic scanning system", electronic books, periodicals can be downloaded free of charge; as for music production and storage, common audio and video format conversion software can be used to compress the video collection deposit; or it is possible to negotiate with the school network division to display audio and video data, and collection production in form of editorial content within the local area network (LAN) on demand.

B. Optimization Strategy of Professional Digital Music Library Staff Structure

In terms of employment, the library should be based on the development of the unit and the structure of existing employees. There are planned, step-by-step, targeted introduction and training of professional talents, coordination with relevant leaders and departments, and strict introduction of talents. At the same time, it is necessary to formulate written management regulations for existing employees, regularly evaluate and cite competitive mechanisms, strengthen scientific management, implement survival of the fittest, distribute according to work, and fully mobilize the enthusiasm of employees. It is also necessary to strengthen the study of music knowledge. Training music knowledge, unlike other knowledge and skills, can be significantly improved in a shorter period of time, but requires long-term

training. Taking advantage of the favorable conditions of the professional music library, the teachers are hired to have a plan and purposeful teaching of the staff's music theory, Chinese and Western music history and other courses. The value of this information is presented in the construction and management of professional music libraries. It can be seen that the staff of the professional music library should at least be proficient in a foreign language, and other languages should preferably reach the level of working with the reference book.

C. The Comprehensive Quality of the Staff of the Professional Digital Music Library Needs to Be Improved

All the work of the library is realized by the staff of the library. The management of the staff is the core of the library management, and it is also the decisive link of the success or failure of the library. It is not only conducive to the successful completion of the work of the library, but also beneficial to the literature. The development and utilization of resources is conducive to the realization of the library network, but also conducive to the cultivation of human beings. The development trend of modern libraries requires professional music libraries to have a solid theoretical foundation, exquisite practical skills, reasonable knowledge structure, and dedicated staff. How to have such a team in the reform of the employment system and strengthen the staff's thinking education, establishing a good work ethic, improving their sense of responsibility and mission, is also extremely important for the cultivation of employees' professional quality.

In addition to the spirit of dedication and dedication, a qualified professional music library staff should have a certain level of knowledge structure. This knowledge structure contains four aspects of library science knowledge, musicology knowledge, foreign language knowledge, and computer skill. From time to time, it is needed to appreciate the appreciation of different styles of music in different periods, and cooperate with expert lectures to learn music through self-study exams or adult education. This not only improves the knowledge structure, but also enhances the school's academic qualifications and enriches the professional music library and the collection of the literature, with theoretical books and audio-visual materials, purposeful, step-by-step self-study, to experts, teachers and students at any time to learn, ask, learn to use. The enhancement of music knowledge is long-term, and there is a process of accumulating a lot of accumulation and accumulation. It is expected that the above points will help the professional music library staff to learn music knowledge.

Computer level automation and network are the two main marks of modern library. With the wide application of computer in the information modernization construction, the professional knowledge of computer and the professional skills of using computer to carry out information activities on the Internet have become compulsory courses for library staff. In the modern library, the traditional services such as purchase inspection, reference consultation, cataloguing, retrieval, lending and return have already been done and

must be done by computer. The card filled by hand in the past has become a routine mode that can be read by computer. All these changes are undoubtedly a new challenge for library staff. Therefore, it is necessary to master the basic operation skills of computer as soon as possible and apply them to the specific library business, so as to avoid a large number of unnecessary repetitive works, improve the utilization rate of literature, and adapt to the trend of library modernization development.

V. CONCLUSION

Above all, taking digital music library integrated information service platform as the school development goals is conducive to making information faster progress in comprehensive universities, thus more favorable to promote the development of school teaching, scientific research, promote students' autonomous learning, promote the school's academic atmosphere, improve the students' learning enthusiasm, to improve school comprehensive strength to lay a solid foundation, to provide efficient safeguard. Around these problems, the architectural design and hardware facilities construction of music library will also be easily solved. It will not be troubled by falling behind The Times and will not be criticized for "image project".

Only by correctly positioning, establishing the mode of knowledge service, establishing the reasonable structure of human resources, and establishing the development goal of collection, can the difficulties encountered by music college library at the present stage be fundamentally solved and can the transformation from traditional library to digital era library be successfully completed.

REFERENCES

[1] Zhao Dapeng, Wang Chaokun, Zheng Wei, Liu Bingyang, Wang Jianmin. Digital library based on music [J]. Computer Engineering, July 2009.

[2] Huang Min, Zheng Qiaoying, Gu Jiande, Yang zongying, preliminary exploration of music digital library [J]. Modern Library Information Technology, No.5, 1999.

[3] Xu Hongchun. Exploration on the extension service of public library [J]. Hebei sci-tech tuyuan, 2008, (9): 74.

[4] Zhang Xiang. Development status and application prospect of digital library [J]. Academic paper of school of engineering and technology, Hubei University of Technology, 2012.