Research on the Construction of High Quality Information Resources Database of Competitive Sports

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Abstract: using the methods of literature, investigation and logical analysis, the development of China sports quality information resources database construction, basic resources, timing, principles, objectives, technical support and the way to carry out research work. The goal is to fully explore, collect and update the world's top sports new quality information resources, build a national level sports quality information resources database, to enhance our level of competitive sports foundation.

Key words: competitive sports; information resources; large database; construction; research

1 Questions put forward

With the development of modern network technology, big data technology and cloud computing technology matures, globally competitive sports information resources sharing of information resources has become a reality, also has created conditions for the further development of the external quality construction of sports information resources database. In order to comprehensively improve the level of competitive sports in China, build a strong competitive sports power, a comprehensive grasp of the global competitive sports quality information resources is very necessary. To build competitive sports information resources to enhance the national strategic level, in order to play the biggest role. And on this basis to promote the development of competitive sports in China.

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2 The time is ripe

With the rapid development of modern information technology, sports information resources sharing has become a fact of sports information resources of various categories of sports information resources at all levels has become the focus of world attention, people through a variety of methods and various ways, all kinds of information resources of sports activities in the first time. In short, as long as the emergence of competitive sports information resources can basically be obtained for the people. Because of this, various forms of sports information resources are very rich in resources, a huge amount, in urgent need of application of large data processing technology to carry on the scientific of the sports information resource management.

2.1 Conditions are ripe

The massive information resources of world sports activities, to be used by people, it must be normalized, showed massive information resources of competitive sports activities have to deal with the huge, is not a simple thing, need to have powerful data processing ability. The information resources of cloud computing technology, big data technology and modern network technology to handle the mass sports activities have been mature, fully equipped with the conditions required for the construction of a large database of sports information resources.

2.2 Rich in resources

Digital processing technology, the development and popularization of digital photography, for the first time captures all the information resources in competitive sports activities. Therefore, what kind of competitive sports information resources can be obtained, for competitive sports information resources available for the selection of resources are very rich. It also provides a wealth of information resources for our country to carry out the construction of high quality information resources of competitive sports, and completely solve the problems related to the information resources of competitive sports.

2.3 Full integration

In the face of vast amount of competitive sports information resources, if not to regulate, it is difficult for people to use, mainly do not know where to start. Not only caused the actual utilization efficiency decline, but also the main problem, in the face of a large number of disorderly competitive sports information resource data, it is difficult for the use of useful information resources. Competitive sports information resources can be effectively used only after a standardized order, otherwise, it is difficult to play a role. Therefore, in order to do a good job of integrating sports information resources
in our country, must be implemented at the national level, the establishment of nationwide activities at all levels of sports information resources network, organized plan, time, step on the competitive activities of information resources to be arranged into sports. Effective treatment, based on individual sports activities of the special database construction, the construction of national sports information resources database.

2.4 Technical support

Information resources database construction, technical support indispensable. Modern digital, network, big data, cloud computing and storage technology development and mature, provide technical support for the construction of China's sports information resources database, special database of information resources of sports activities for the smooth construction of various categories and provides technical assurance.

2.5 Development needs

The construction of information resource database of sports scientific and reasonable, can provide a reliable theoretical basis and information resources in China to carry out research on competitive sports activities, sports activities through access to information resources database, researchers can easily find the relevant research data to carry out sports activities and a variety of image data, all kinds of sports teaching and training work can find guidance to enhance the training results, and through the image resources and sports activities of the coaches and athletes in teaching and training. So as to improve the teaching quality and enhance the ability of movement.

3 Conclusions of the results

3.1 Obvious characteristics

The competitive sports information resources database has the following characteristics or features. First, a huge amount of information, covering all kinds of sports activities in the world of information and data resources. Because the large database by competitive sports professional information resources integration, so a complete variety, rich in content, can reflect the world's latest achievements in competitive sports information and data. Second is the use of high value, because of competitive sports information resources has been standardized finishing, all kinds of resources and orderly storage, especially the collection and storage of the world's new sports digital information and data resources, can be competitive sports research personnel, coaches and competitive sports athletes make full use of, so the use of high value. Third is access to facilities, with the continuous improvement of network technology, the function of the resource platform for people to operate
more and more powerful, for the relevant personnel to access the information needed to provide a very convenient application platform. Fourth, data is updated quickly, with the highly developed digital, network and data processing technology, the sports information resources database can be updated quickly, in a very short period of time will be the world's new competitive sports information resources to achieve real-time updates, to ensure users get the latest information and data in the shortest time.

3.2 Technical line
The national sports information resources management center province (city), sports information resources management center provincial organs (institutions, scientific research of sports colleges and universities), sports information resources, all levels of scientific research personnel. Integrating all kinds of sports information resources special subject database: sports information resources big database.

3.3 Rapid progress
In recent years, with the development of big data technology, network technology and digital technology and mature information resources around the world is the development situation of blowout increment, the digital information resources of various types of explosive growth, governments take various measures to standardize the massive information resources to collect and collate the various information resources system gradually formed modernization mode and become a valuable wealth of the society and play an increasingly important role for the development and progress of society.

3.4 Existing problems
The rate of formation of competitive sports information resources quickly, society can not immediately take proper management and develop practical management measures, leading to the effective development and utilization of sports information resources can cause a great waste of resources. The reason, according to the analysis of existing data found that the main problems in the following aspects: first, lack of consensus, because digital, network, big data and cloud computing technology development speed beyond people's imagination, to face the massive information resources lack of mental preparation, so it is difficult to the formation of the construction of information resources in the database of the consensus. Secondly, the collection, collation and storage of competitive sports information resources does not form a mature working system, it is difficult to guide the development of sports information resources database construction. Third, the construction of competitive sports information resources need to invest a lot of money, there is
no relevant part of the financial support technology, lack of funds, cannot start the construction of competitive sports information resources database.

4 Measures and suggestions

In order to be able to successfully carry out the construction of sports information resources database, we must solve the following problems in order to be guaranteed.

4.1 Strengthen consciousness

The construction of the information resources of competitive sports is an important information system engineering, not only investment, but also consumes a lot of manpower, material resources and financial resources. China wants to build a competitive sports information resources database, must be top-level design at the national level departments, unified understanding and consensus, establish the competitive sports information resources construction must be built large number library goals, organize a team of experts to fully demonstrate the feasibility of the construction of a large database of sports information resources, and included in the national sports resources construction planning content.

4.2 Well-organized

Because the construction of the information resources of competitive sports information resources is a huge workload of system engineering, need to be a strong team of work. Because the cover construction of sports information resources in the database is rich in content, covering sports fields, it is necessary to led by the construction administration departments of the state functions of sports related personnel, by the provincial (city, district) sports function department engaged in information work personnel team construction of sports information resources database. Within the team to define the tasks, responsibilities, duties, work in accordance with the scheme set.

4.3 Dispersion concentration

The construction of sports information resources database construction, must each special sports information resource database, only to do a special sports information resource database, lay the material basis for the construction of sports information resources in the database can be. Therefore, must be comprehensive arrangement, organization, improvement of software and hardware equipment required in the process of its construction, inject enough funds for construction, to complete the special sports information resources database construction tasks. Finally, national athletics sports
information resources database construction management departments, group experts on the relative dispersion of special sports information resource database from the technical level of integration, and ultimately integrated into the sports information resources database, complete the task of construction of sports information resources in the database.

4.4 Standard construction

The ultimate goal of the construction of the information resources of sports information resources is to use, after the completion of the large database, with a large number of information resources, if these resources cannot be used, then it is useless. Therefore, in the development of competitive sports information resources in the construction of a large database must be taken into account in the final use of the problem, only to solve the problem of the use of large database construction to value. Therefore, large numbers of base construction work must be standardized, must be strictly in accordance with standardized order requirements, do big database construction work, must use the modern means of finishing, high standard construction of sports information resources database, only in this way, the database is completed, can play the greatest effectiveness, better serve the cause of competitive sports.

5 Conclusion

The construction of the information resources of competitive sports is a huge system engineering, which requires high requirements, heavy tasks, difficulties, and needs to invest a lot of manpower, material and financial resources. In order to better and faster development of sports in China, we must attach great importance to the national sports management departments organize, arrange, give full play to the national and provincial (city, district) resources, mobilize all force, build a good sports information resource database.

References

