The Spread and Promotion of Clothing Art Education Resources Based on Internet

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Abstract. The digital library of clothing art education is built around the theme of clothing art education. It serves to guide the inheritance of Chinese costume cultural heritage as the theme resource package, the guiding ideology of website information structure, production and other work links, and develops the theme resource package for clothing art education. In the construction of resource technology management and display platform, through the establishment of a unified application system framework, provide clear interface specifications and service rules for each topic resource package, realize the sustainable development of resource library construction and management; Internet-based clothing art education resources The dissemination and promotion is beneficial to the popularization, inheritance and innovation of clothing culture.

Introduction

The digital library of clothing art education is built around the theme of clothing art education, serving the promotion of humanities quality of college students, serving the citizens' literacy of learning society, serving cultural and creative talents, and serving the cultural strategy of inheriting Chinese costume cultural heritage. The guiding ideology of the resource package selection, website information structure, production and other work links, and the development of the theme of the clothing art education resource package based on the principle of highlighting characteristics, innovative application, building and sharing, and serving the society. So far, our school has completed the construction of 60 theme resource packages and distributed them to the whole society through the website. The promotion and application of these resources have contributed to the promotion and sharing of national costume art, the popularization of clothing culture, inheritance and innovation.

Construction Goal and Orientation of Clothing Art Resource Library

The Chinese pre-Qin period craft monograph "Kaogong Ji" puts forward: "The sky sometimes, the earth has gas, the material is beautiful, the work is skillful, and the four can be good." It shows that process design and production are not isolated behaviors, but It is the result of a combination of factors in all aspects of the natural system. "Tianshi, geogas, beauty, and skill" constitute the design conditions; "Book of Changes" in "Book of Changes" contains the meaning of the world, the beauty of the world, and the construction of "the clothes and the world". On the basis of inheriting the history of the development of clothing, the clothing dressing season, dressing environment, clothing texture and tailoring techniques are harmoniously unified to form an exquisite design product to meet the people's pursuit of building a beautiful China and a beautiful world vision. The clothing art education resource library is to organize the resources of clothing art education resources according to the characteristics of the disciplines, and form an information management system stored in the form of graphics, images, audio and video, text, animation, web pages and other documents.

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The construction of the clothing art education resource base of our school adheres to the construction strategy of “coordinated planning, step-by-step implementation, advanced technology and continuous improvement”. Through the analysis of the academic advantages of the school, the construction content of the resource library is planned on the basis of fully considering the synchronization with the development of school information. According to the school's "Science, Art, Fashion" school orientation, art-integration, practice and innovation of the school-running model, the content of the resource library construction is mainly positioned in the "Chinese clothing history, national costume culture, fashion art design" three directions, in related fields Subject experts are responsible for the theme package, thus ensuring the quality and promotion value of resources and forming their own characteristics.

As part of the construction of the special resource library of the Beijing Municipal Education Commission, the clothing art education resource library construction project has been launched since 2005, and has completed the Chinese minority costumes, Hezhe fish leather clothing, fashion trends, and Beijing traditional arts and crafts “Yanjing Eight Musts” Digital Resource Library, Chinese Ancient Costume History, Chinese Cheongsam, Chinese and Foreign Embroidery Art, Republic of China Costume Research Resource Library, Buddhist Sculpture Art Resource Library, Traditional Han Costumes of the Yunnan, Guizhou, Sichuan and Gandu Ethnic Areas, Art of the Silk Road The construction of 60 theme resource packages such as the tour (see Appendix 1 for the theme package), covering professional fields such as clothing, art and clothing materials, collecting more than 400,000 pictures, more than 2000 video and audio materials, text description 150 More than 10,000 words, website (http://rs.bift.edu.cn) Visiting more than one million people and cultivating more than 400 talents in the construction process. It has been rated as an outstanding undertaking unit of Beijing's characteristic education resource library construction project for 4 times, and there are 9 theme resource packages for excellent resource packages. The resources have distinct characteristics and advantages in teaching and research. They have played an active role in the promotion and application of teaching and research work inside and outside the school, and contributed to the promotion and sharing of clothing art, the popularization, inheritance and innovation of clothing culture.

Resource Cataloging System and Management Platform Construction

In the construction of resource technology management and display platform, through the establishment of a unified application system framework, we will provide clear interface specifications and service rules for each topic resource package, and realize the sustainable development of resource pool construction and management. For the development of resource management platform, considering the universality and speciality of resources, combined with metadata technology, NoSQL technology, Web 2.0, Web 3.0 concept and distributed storage technology, a comprehensive management platform based on NoSQL database is designed. The aim is to solve the problems of storage, retrieval, management, organization and service in the current resource pool construction from the perspective of system to ensure the safe storage, scientific management and convenient use of the university's characteristic resources. The system is divided into basic data storage and metadata layer, management function layer, data
processing layer and information service from the functional point of view. The division of these functional layers covers resource storage, data processing and processing, resource management and services, etc. The life cycle of digital resources in construction is the main line, providing a practical and easy-to-use functional system, which can meet the needs of the management, cataloging, retrieval and use of digital resources in the construction of characteristic resource pools.

![Image](image.jpg)

**Figure 1. Resource Catalog Management Platform.**

From a technical point of view, the system is hierarchically structured and functionally partitioned. The communication format between the hierarchical blocks is unified into the widely used XML standard and JSON format in the industry, which ensures the system has good openness and is compatible with other organizations. Exchange and share resources. In addition, it also fully considers the maturity, stability and advancement of technology. It refers to the design schemes of many Internet companies, integrates many mature solutions and technologies in the open source industry, and ensures the advanced and stable platform technology. The sustainable development of the system provides technical support.

The platform construction adopts the plan of "unified data management and individual style display": (1) Improve and expand the resource-based data management service platform according to the new situation of digital resource dissemination. The theme resource package is integrated into a standard, one platform, and unified implementation database. The platform is used to complete the unified management of the basic metadata items of the theme and the material, and can provide extended expressions and extended functions of the content for different theme packages. (2) A resource sharing platform developed by using network technology to provide a common service platform and database for various distributed resources. The resource website not only has access to resources, but also implements functions such as resource usage evaluation and interactive learning. (3) The featured educational resource library platform uses the MVC design pattern, combined with an independent persistence layer framework (ORM), to fully support multiple databases. The lightweight dependency injection framework (IOC) is simple to configure, flexible to use, and unique template engine. And the front-end Ajax library provides a convenient way to customize the user interface and enhance the front-end experience. The platform adopts a separation mode between the database server and the web server in the deployment, which maximizes the performance of the system. The platform takes the life cycle of information resources as the main line, and realizes the complete process of processing, management and release of information resources. (4) Improve and improve the cataloging tool software to improve the quality of resource metadata.
Resource Library Communication Website Construction and Application

The costume art education resource builders are all experts in costume art education. The theme resources are the rare experiences accumulated in their many years of teaching and research work. Therefore, in terms of teaching, the theme resources are provided for the teachers and students of clothing and art design. Materials for research and creation. For the effective use of resources, the clothing art education resource library has a special website (http://rs.bift.edu.cn) Formal communication, promotion to teachers and students in the school and the majority of netizens, paying attention to the long-term effect on the impact of school promotion.

The clothing art education resource library is built according to the discipline classification. The special website is based on the principle of gradual and continuous improvement, and the unified management of resources and the construction of the website are coordinated and synchronized, and the construction of the resource website is continuously improved and stabilized.

The main page of the resource website in the past six years is as follows:

![Figure 2. The First Page of the Featured Library.](image)

The resource display page (level 2) is as follows:

![Figure 3. Chinese Concept Clothing Design.](image)
Resources WeChat Promotion

The new media that has emerged in recent years are mainly various platforms derived from the Internet, such as Weibo, WeChat, blogs based on mobile networks and mobile platforms; web-based TV platforms; mobile platforms based on virtual technologies and camera technologies, etc. In order to better realize the dissemination and promotion of the resource library, in the process of resource promotion, the WeChat platform is used to establish the “Apparel Art Education Resource” public number, through the various APIs (application programming interfaces) provided by WeChat and the interface between the resource libraries. Write the corresponding processing program on the server side, dock the established resources, generate a digital resource set for a certain topic, promote it to the whole school students, and then promote it to the society.

Apparel Art Education Resources WeChat public number will display the structure with “dress culture, talents and talents, developers” as the resources, through fashion trends, fashion art design, national costume culture, Chinese clothing history, Chinese concepts, popular elements and other columns. Organize relevant theme resources and promote the already completed clothing art education resources through regular release.

The propagation structure of apparel Art Education Resources based on WeChat public account is shown below:
Use WeChat public number platform technology to create an application that is suitable for people to watch and read at any time. The production and delivery of the WeChat application can be read and used by customers without the help of the Internet after downloading, and the impact is even greater.

**Conclusion**

In the selection of resource content, closely adhere to the digital art classification system construction resources of the clothing art education theme package; ensure the quality of access to the resource library resources in the technical platform support; at the same time, realize the functions of interactive comment and design participation by means of the social network interface; In the technical presentation, it keeps pace with the current new Internet technology. By providing multiple retrieval items, the combination of different logical relationships between the items is retrieved, so as to satisfy the search requirements of different searchers from different angles.

In the construction of resource technology management and display platform, through the establishment of a unified application system framework, we will provide clear interface specifications and service rules for each topic resource package, and realize the sustainable development of resource pool construction and management.

Clothing art education resources through the website (http://rs.bift.edu.cn) And the WeChat public number promotion, in recent years, the cumulative number of visitors has reached more than one million. The resources have distinct characteristics, which have played a positive role in teaching and research work inside and outside the school, and contributed to the promotion and sharing of clothing art, the popularization, inheritance and innovation of clothing culture.

**References**
