

# Design of an Open Network Community Platform for Chinese Excellent Traditional Culture Education Based on Object Pascal

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**Abstract:** Integrate Chinese excellent traditional culture into the construction of campus culture, so that students can regularly accept the edification of Chinese excellent traditional culture; attach importance to the construction of practice bases and platforms, and enhance students' understanding and recognition of Chinese excellent traditional culture through practical activities; use modern information technology to create Network platform and interactive community. To clarify the important role of the Internet era in the innovation of Chinese traditional culture teaching mode, to make the connection between Chinese traditional culture and the Internet more closely, and to make excellent traditional culture a spiritual force that inspires people to move forward in the new era. In the proposition of building a traditional culture inheritance system, we use community education as a carrier to explore the way of popularizing traditional culture education suitable for community residents.

**Keywords:** Open Network Community, Chinese Excellent Traditional Culture, Culture Education, Object Pascal Online System

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## 1. INTRODUCTION

This article will introduce ObjectPascal's support for object-oriented functions, and the differences between ObjectPascal and C++ in implementing object-oriented features [1]. Hope this article can help programmers who use C and C++ to clarify many concepts in the process of learning ObjectPascal. In the development process of Delphi application, sometimes it is necessary to perform subtraction operation on date type data [2].

As shown in Figure 1, in order to calculate the number of days between two dates, you need to write the following code in the OnClick event of the "Subtract" button [3]. The excellent traditional Chinese culture is the crystallization of the wisdom of the Chinese nation for thousands of years, and it is our nation's root and soul [4]. Contemporary college students are the main force in the construction of socialism with Chinese characteristics in the new era, and it is an important historical task for colleges and universities to educate them on the excellent traditional Chinese culture in the new era [5].

Looking for designs with Chinese flavors requires us to introduce traditional Chinese culture in the teaching process, so that students can use traditional design elements as their own design language in the edification of China's excellent traditional culture, and complete more strong Chinese flavors. "Chinese Design" [6]. As an important organizational form of traditional Chinese education, the academy is the carrier of the inheritance of Chinese culture. Community academies are a modern transformation of traditional academies [7]. Community academies take the community as the basic unit and the academy as the form of education and dissemination to build a basic network for the promotion of traditional culture and humanistic education. "The Fifth Session of the Seventeenth Central Committee of the Communist Party of China is generally accepted by all academic circles [8].

The existentialist philosopher Jaspers said: "Culture is the spirit and soul of a nation, and is a form of life; its backbone is a powerful force for spiritual exercise, national

development and national rejuvenation," said the meeting bulletin [9]. "China's excellent traditional culture is the precious wealth of Chinese civilization and the spiritual wealth of the world. In the age when the Internet has not been popularized, museums and other institutions in various regions undertake the task of inheriting traditional culture [10].

As a secondary vocational school, it is necessary to adapt to this new normal, strengthen new determination, seize opportunities, extend school education to the community [11], make full use of the community's wide-ranging and educational platform, inherit and carry forward the excellent traditional Chinese culture, Improve the ideological and moral quality of the whole people [12]. But using other programming languages (such as Xbase, VB, etc.), you can also understand the object-oriented functions of ObjectPascal, and establish a good foundation in the beginning of learning Delphi. Click the Run button on the toolbar or press the 9F key to run the entire program (see Figure 7), click the OK button with the mouse, and the form is closed, indicating that the application is working correctly [13].

Continuously strengthen the construction of curriculum system, campus culture, practice platform and network platform, build a "four-in-one" all-round and multi-level three-dimensional classroom, and promote the in-depth development of Chinese excellent traditional culture education [14]. Art and design majors have higher requirements for students' innovative ability, so generative creative interpretation is required in the teaching of art and design theory [15]. In this way, students can feel the cultural situation in the field of artistic creation, improve the traditional rigid teaching mode, and build a social popularization platform that is closer to the public. Banyan Community College takes life education as the core idea and promotes the inheritance of traditional Chinese culture and the implementation of humanistic education in real life [16].

"The ability to prosper and develop cultural thinking; its domain is well-ordered knowledge." Culture is a cause and a

cultural industry." ". It can be said that the concept of cultural industry is in the "Eleventh Five-Year" planning method [17], the way of communication and the way of thinking of people. At present, many people spread and promote traditional culture on the Internet platform, and traditional culture teaching has received attention and attention [18].

When teachers teach traditional culture, on the basis of Internet teaching, the content of traditional knowledge and the background of the current era are integrated. General Secretary Xi Jinping has repeatedly emphasized the need to inherit and carry forward the excellent traditional Chinese culture. The reason why the Chinese nation has stood in the forest of nations in the world for thousands of years, has gone through hardships and nirvana again and again, is the most fundamental reason for the great spiritual support and lofty value pursuit deeply rooted in the nation's genes [19].

## 2. THE PROPOSED METHODOLOGY

### 2.1 The Object Pascal

Although the form file (.diffl) is an H binary file, its eTxt form can be viewed in the form designer. For example, you can return to the Delphi 17 design window, right-click, and select "iVewaseTxt", you can see all the definitions of this window, which is a good way to study and design the Delphi interface. This is declared in the interface The categories, procedures, functions and variables in the program module, and the categories, procedures and functions declared in the interface part are really completed in the implementation part; as for C and C++, the implementation of the categories is basically placed in another CCP in the documentation.

Due to the lack of systematic study, contemporary college students lack an overall understanding of Chinese excellent traditional culture, and a considerable number of college students have an extremely lack of awareness of Chinese excellent traditional culture. In C and C++, objects can be built on the stack or heap, for example, in a program (see Program 1), two objects can be created in function foo, one from the stack and the other from the heap.

Instead, it also contains iT two information. The reason is that when the Date value contains iTime information, the difference is 3 hours, and when converted into days, it is 3/24 to 0.125; we repeatedly test the value of the piece by setting different time differences, and the results show that the presumption is correct .In order for college students in the new era to fully and systematically understand the excellent traditional Chinese culture, courses must be carefully designed and planned. First of all, the teaching content should focus on the achievements of Chinese civilization and the concept of Chinese culture.

The advantage of using Object Pascal object reference is that you can use this reference as a real object, such as MyObject in program 2, when you want to access its methods. The array used by TuhroPascal language is static, that is, the user When defining the array structure, the total number of elements of the array must be specified, and the dynamic array length in objectaPascal is set at runtime by calling the eStLenght function. However, there is an exception to the Object Pasascal object generation model, which is in the When a form (Form) is created in DelphiIDE and VCL components are added to this form, Delphi will generate program code such as program 4 in the program.

### 2.2 The Open Chinese Excellent Traditional Culture Education

After more than 5,000 years of development, the Chinese nation has accumulated fruitful results in the construction of material civilization and spiritual civilization. In order for students to understand the main content of Chinese excellent traditional culture within limited class hours, they must carefully select the teaching content. Focus on the most representative achievements and concepts.

Art and design teaching itself is a kind of flexible teaching content, so in classroom teaching, it is also necessary to be able to break the traditional boring and monotonous teaching mode, adopt text-based teaching, to the art salon form of artistic quality can improve the humanistic quality of students. The twenty-four solar terms are the crystallization of the wisdom of the Chinese nation. Every solar term, the Benyuan Community College will gather community neighbors in the form of tea parties, enjoy tea around the fireplace, explore the source culture, accompanied by qin songs and poems, examines one's own life modality, and advocates a lifestyle of "in harmony with the four seasons".

Community "cultural old-age care" is a kind of old-age care method that reflects the connotation of traditional Chinese culture and old problems injected into culture, which can not only improve the quality of old-age care and contemporary humanistic care. In order to meet the security requirements of the elderly, it can enrich and develop the theory of old-age care. On the basis of the old, the emphasis is on the pursuit of spiritual life satisfaction. Some teachers are preparing lessons for traditional culture teaching. Mainly implement lesson preparation and classroom teaching according to the content of teaching materials, teaching reference books or network materials, etc., and fully display them in the form of text and pictures on the basis of PPr form. In most cases, in this process, traditional Chinese cultural knowledge and information are displayed statically. The contents are effectively integrated.

The ideas of "harmony", "benevolence", "integrity" and "the world is for the public" in Chinese traditional culture have become the content of the core socialist values, mainly because they not only meet the objective requirements of Chinese social development, but also reflect people's universal wishes and basic demands. "A culture or civilization, in its broad ethnological sense, is a complex set of knowledge, beliefs, arts, morals, laws, customs, and any of the abilities and habits that a person acquires as a member of society," he said. overall.

### 2.3 The Design Of Traditional Culture Education Network Community Platform

The Chinese nation will also be able to create new splendor of Chinese culture". Thirdly, the education of excellent traditional Chinese culture should reflect the global vision and the world vision. The development of Chinese culture should be included in the historical process of human civilization for investigation, and through and at the same time Comparing the development of other civilizations, let students understand the dynamic orientation of Chinese culture in the process of world civilization. In the teaching of art and design majors, it is necessary to effectively combine theory and practice, use theory to provide guidance for practice, and return the gains from practice. Theoretically, this is also a cyclical development path.

As a modern public welfare organization, Benyuan Community College has been practicing the pure public welfare and chain operation mechanism with the form, system and method of modern social organization based on the concept of "inheriting culture with public welfare and building public welfare with culture" since its establishment. , to implement the project system of "foundation + NGO (non-governmental public welfare organization)", two-layered differentiated management: Benyuan Humanities Public Welfare Foundation as a resource support platform. Tools such as Android and tablet computers are widely used, and smart phones are widely used. The number of mobile tools in the hands of students has been increased. On the basis of applying new technologies to assist teaching, school teachers can effectively highlight the interesting and intellectual characteristics of learning. It has an important impact on the improvement of students' interest in learning.

The school incorporates traditional culture education into the scope of teaching work, establishes a team of teachers who are competent for teaching work, and has accumulated a lot of useful teaching experience and remarkable successful practices in teaching practice, which undoubtedly provides excellent traditional culture training for community organizations. The job provides a teacher guarantee. But in the ObjectPascal of program 6, when Mychild is created, not only its constructor must be called, but also its parent constructor must be called in Mychild's constructor. All components of Deloi include a Tag property, its function is to store a user-defined long integer value for the component. In the actual programming process, the user sets different Tag attributes for the same type of component. Set up research centers and research bases to systematically organize traditional cultural resources in the region, and compile teaching materials with local characteristics on this basis. Thirdly, we should strengthen the development of Chinese excellent traditional culture education courses and speed up the construction and promotion of high-quality courses.

### 3. CONCLUSIONS

The Chinese excellent traditional culture education in colleges and universities is a complex systematic project. The construction of a "four-in-one" three-dimensional classroom can realize the interconnection of theoretical learning and social practice, the effective integration of on-campus resources and off-campus resources, and the mutual interaction between offline education and online education. At the same time, based on APP assisting traditional teaching and traditional culture teaching webpage design, the learning methods of students' traditional cultural knowledge content are expanded. The construction of traditional culture teaching mode in higher vocational colleges requires a long process of exploration. Try to find a model that higher vocational students like to see and are willing to participate in.

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