

Research on Autonomous Learning Terminal System of College English Translation Based on Distributed Network Intelligent Editing Technology

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Abstract: Based on distributed network intelligent editing technology, the mobile learning mode can effectively mobilize the enthusiasm of college students in foreign language learning, comprehensively improve college students' language skills, teach and cultivate students' translation ability, change the traditional teaching mode of teaching instead of learning, and strengthen students' autonomy Learning ability, this research starts from the autonomous learning theory of college English translation, and hopes to cultivate students' initiative and active awareness by mastering practical and effective online English translation methods, and accumulate a certain English vocabulary foundation in the process of actual knowledge learning and translation knowledge points.

Keywords: Autonomous Learning Terminal, College English Translation, Distributed Network Intelligent Editing

1. INTRODUCTION

Since the 1960s, the influence of cognitive psychology has become increasingly powerful. Based on cognitive psychology theory [1], Bruner and Ausubel proposed some principles of constructivism learning theory. Constructivist learning theory advocates that learning is student-centered [2]. CAPP plays an important role in CIM S, which is the bridge of CAD/CAM integration. Process planning itself is a dynamic process, so an effective method to achieve the automation [3] of process planning and the comprehensive level of English application have a great auxiliary role for students' future work, study and life, and can improve students' practical communication ability [4].

The importance of college English translation knowledge stems from its ability to enhance and improve the actual communication level of college students, and has a large room for improvement in students' ability to utilize English knowledge [5]. It has always been the focus of CAPP research. The derivation method is easy to implement, but difficult to adapt to Multi-variety and small-batch CIM S production environment [6]. The scaffolding teaching model based on the Soviet psychologist Vygotsky's "zone of proximal development" theory is a relatively mature teaching strategy under the guidance of constructivist teaching thought. Its basic idea is to decompose complex learning tasks [7], and construct a "scaffold" conceptual framework between students' existing knowledge level and learning goals [8]. Contemporary college students communicate with classmates, friends, teachers, and parents through the Internet from time to time. They like Express their opinions through forum posts [9], follow-up posts, etc. If they have questions, they immediately go to Baidu to find answers. They are keen to read e-books, magazines, news, etc., which have completely changed the traditional information acquisition mode [10].

What is the development status of MOOC translation teaching research field? Exploring whether MOOC translation teaching can promote the development of this field to a certain extent [11]? The author has developed a strong interest in this and stimulated the desire to conduct in-depth research on it. Under the guidance of the tutor, the MOOC-based translation

teaching is taken as the research direction of the master's thesis [12]. Based on the difficulty of solving the above-mentioned problems, a practical method is to establish a relatively easy-to-implement security system, and at the same time establish a corresponding security auxiliary system according to a certain security strategy [13]. Rrs is such a system. As far as the current system security situation is concerned, the system has the possibility of being attacked at any time [14]. Policies are rules that define how the network should function to support goals. Specific to the category of network management, policy is a set of business rules that guide and determine how to manage, allocate and control network resources [15]. Enforcement of policies ensures that business rules are always followed. Business rules constitute conditions that guide actions [16].

Learners should take more responsibility for the personal thinking activities triggered by teaching; knowledge acquisition is the result of the interaction between the learning individual and the external environment [17]; knowledge is not instilled by teachers, but learners through collaboration, discussion, and communication in certain situations. , interactive. In order to make full use of the original process files [18], the derivative CAPP is very necessary. By using the group technology, the standard process of a class of parts can be quickly retrieved and modified. The generative CAPP can be used for new Varieties and new parts are created by process, which standardizes and standardizes process design. [19]

The autonomous learning theory of college English translation has gradually attracted people's attention in the 1970s [20]. According to the autonomous learning research theory put forward by western research scholars, the teaching thinking reform in the new era has been realized, and the autonomous learning theory has also been formally introduced. people to the actual teaching work [21]. Translation is the linguistic practice of reproducing the content in one language form in another language form. On the interface between the subjective world and the external social and cultural network, translators, guided by problem awareness, reconstruct knowledge experience and realize the contextualization of the constructed knowledge and experience. At the same time,

significant changes have taken place in the field of education and teaching [22]. The activities related to teaching and learning are closely related to the Internet, and the Internet is more and more closely related to teachers, students, teaching content, and teaching resources [23].

2. THE PROPOSED METHODOLOGY

2.1 The Distributed Network Intelligent Editing Technology

At present, no such relevant definition has been found. According to the above definition of MOOC and translation teaching, this paper defines "translation teaching based on MOOC" as: taking college students as the main learning group, carrying out translation learning activities on the MOOC platform to complete the translation course tasks under the MOOC platform form of learning. Real-world data is generally dirty, incomplete, and inconsistent. If these data are not processed, they will directly act on the data mining process, which will make the data mining process into chaos. The process of data cleaning is to try to fill in vacancies, identify outliers, eliminate noise, verify data integrity, resist replay attacks, and encrypt data.

It is composed of a set of protocol suites, and its components can be set on network devices such as hosts, routers, gateways, and firewalls to realize secure communication between end-to-end, end-to-gateway, and gateway-to-gateway. In response to the upsurge of college English teaching reform, our school has built an autonomous learning center that basically meets the independent learning mode of college experience English in recent years. There are 9 autonomous learning centers and 658 seats. The digital language learning system includes a classroom teaching system, Self-learning system. The WZCAPP system divides the part structure information into main shape elements, auxiliary shape elements and characteristic elements according to the full information method. When describing, it adopts the first main shape elements, then the auxiliary shape elements, and finally the characteristic elements. The outer surface is first and then the inner surface; the outer surface is from left to right, and the inner surface is from right to left. The principle of describing parts. To build a translation work system is to hope that students can form a good English translation thinking mode in actual practice. , instead of closely following the teacher's thinking for boring and single English translation knowledge learning. The translation teaching network platform also provides a diverse dynamic open space for non-English major learners to read and explore translation theories and techniques, and learners can freely choose learning materials according to their own needs. With the rapid development of "Internet +" technology, educational technology is also constantly The updated, mobile autonomous learning concept quickly integrates relevant science and technology into the field of modern education, especially the field of foreign language teaching, so the mobile autonomous learning model has its own typical characteristics spend.

2.2 The College English Translation Self-Learning System

The self-learning content of the reference class is the listening and speaking training of man-machine dialogue and the oral training in the form of pairwork in front of the teacher and receive the personalized guidance of the teacher. This module is a semi-generative and distributed structure. Due to the diversity of parts and production environments, the CAPP

system should be an organic collection of various decision-making methods and various program structures. According to the relevant production environment information and parts information , automatically select the corresponding reasoning sub-module. As the modern information technology medium that college students are most exposed to, the Internet has a great impact on the study and life of college students.

2.3 The Activity Real-Time Cloud Sharing Algorithm Design

Constructing a translation work system allows college students to study and train college English translation courses in simulated environments and scenarios. The most representative online communication tools include MSN, QQ, blog, forum, Wiki, and online chat. Room, E-mail and e-learning community, etc. Using multi-modal and three-dimensional interactive means, an open interactive public space can be built among individual learners. The learning environment of the mobile self-learning mode can be independently created. In the mobile self-learning mode, teachers upload the learning content to the mobile learning platform through the wireless network, and students can obtain learning resources at any time and complete various learning tasks such as foreign language video, voice, and text in a timely manner. Lecture style is the teacher's long-term teaching work. unique performance formed in. With the deepening of research, the unique role of lecturing style in students' learning has also been emphasized.

The author believes that the teaching style of translation teachers in MOOC videos can be mainly reflected in body language. The task of the classification algorithm is to construct a classifier, and then the classifier divides different data into different categories. A classifier is a program that automatically creates a class label for each dataset containing multiple attributes. Work provides authentication and encryption mechanism for the security of end-to-end communication, and the correctness of work function is completely based on the correct formulation and configuration of security policy. The traditional method is to configure the policy manually, but this method is inefficient and error-prone in large distributed networks, and the wrong policy may cause communication blockage and serious security risks. Strengthen students' understanding of British and American culture, cross-cultural communication and other aspects, and broaden their horizons.

Furthermore, the unique hypertext link mode and powerful retrieval function of the network enable students to efficiently retrieve and obtain the translation material library on the campus network. Output module: The generated process files can be browsed on the screen. The process card and the process diagram are on the same screen, which is very intuitive. The generated process files can also be printed out in the form of reports. The teaching work of English translation can not only stop at language use in the link of memory and memory, students also need to understand and master the relevant English cultural knowledge, as well as the historical background of the English-speaking countries

3. CONCLUSIONS

The mobile self-learning model has shown significant effects and many advantages in teaching practice. However, due to factors such as the research time of the research group and the small number of subjects tested, the members of the research group will still conduct further in-depth research on this subject area in the follow-up teaching practice. Carrying out network-based translation self-learning in college English

teaching is conducive to stimulating students' enthusiasm and initiative in translation learning, accumulating translation experience in translation practice, developing and applying translation skills in the integration of knowledge and action.

4. REFERENCES

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