Application of corpus linguistics in Chinese teaching

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Abstract. Under the influence of corpus linguistics and corpus technology progressive, as the center of research methods and research areas of Linguistics, the application of corpus linguistics is popularized. Therefore, this paper describes the concept, the real meaning and application of corpus linguistics in Chinese teaching.

1. Overview of Corpus Linguistics

1.1 Word retrieval and Corpora

Analysis which is based on corpus as a prerequisite for language, the first is to understand the meaning of word retrieval and corpus. Corpus called library material or language, belonging to the language storage warehouse. Corpus belongs to collection and reasonable organization of language materials database, this material appears in a language which can be oral or written. This series is not processed material, which is a prerequisite for statistical language, and it is also the primary information of language teaching, natural languages through computer processing, the compilation of dictionaries, and the exploration of the language. At present, some large-scale corpus appear in the world. In addition, because of the falling cost of hard disk storage data and the rapid development of computer technology, inquirers themselves also gradually create the small corpus consistent with themselves.

Retrieving words belong to software development project, of which the corpus is inquired and the result is listed. Automatic retrieval system is the source of corpus charm. Through automated retrieval systems, information processing power of computers, and computing power, linguists can quickly find examples, which explore the text. It is the development and improvement of the retrieval system that effectively reflects the useful value of corpus. On the basis of the actual usage of the study of language, we can find the application modes of the original language, which is the core essence of corpus linguistics, corpus as a precondition for exploring language, the purpose is not to generate theory of language, nor is it to reflect choices of people making. It attaches to the only language that is in front of us and by experiment or observation, and is based on the usage patterns of the data.

1.2 Variation of register

Register is an aspect of the application of language, which doesn't pay enough attention tone aspect, there is no research data, so it is difficult to understand language. Occasions applied a number of variant covers in the same register. The language can be divided into a series of registers, from the usual to the specific height, and combine the specificity achieved to decide. Register usually covers newspapers, essays, novels and so on, and specific register covers linguistics research, literature reviews, research papers and other small register. As shown in Table 1,

Table 1 Division and category of register

Division of register	Cover categories		
General Register	newspapers	essays	novels
Specific register	linguistics research	literature reviews	research papers

They each have their own specific characteristics of the field. The reflection of corpus studies, because of differences in register, there are also differences in reflecting activities of language, each register has a certain special rules and patterns.

1.3 The real meaning of corpus linguistics

Textual corpus as a precondition of Corpus Linguistics is an interdisciplinary analysis of language, which are an integral part of computer linguistics. Corpus linguistics has two meanings: on the one hand, which uses corpus analysis of a number of aspects of the language, which means that corpus of language students is not a new subject, but merely reflects a new way of analyzing. on the other hand, criticism inherent linguistic fact embodied in the corpus linguistics, and published new theories and observations. Only in this way, we can say that the corpus linguistics is a new discipline. Combined with the inherent in literature, analysis of the latter is very rare. For this reason, strictly speaking, currently it cannot deals with a par that corpus linguistics, pragmatics, psycholinguistics, socio-linguistics and linguistics. Corpus Linguistics provides anecdotes, introspection, intuition, more objective language. Corpus as a prerequisite for research to analyze and investigate all of the language patterns, like shape, voice, words, vocabulary, grammar, structure, vocabulary, etc, generally through the very detailed level of exploration and discovery. By means of appropriate inquiry, investigators cannot only cognitive language model, also be able to get the context of variable elements and their application areas.

2.   Application of corpus linguistics in Chinese teaching

2.1 Design the syllabus

Syllabus can make teachers focus on teaching students' knowledge combined organic requirements. For formulation and selection course planning, it is meaningful to have register and the frequency distribution, in exploring a specific corpus of knowledge about teaching, teachers are able to determine about the teaching knowledge of target register, and then worked out the syllabus with the teaching needs to adapt.

2.2 Selection and preparation of teaching materials

For the success of the teaching, a good textbook often plays a very important role. For example, for the preparation and selection of words, the inherent syllabus requires students to learn a lot of words, which requires all of the words on the cover in the preparation of textbooks when teaching materials should be scientific organization, be sure to program all the words on the cover, and teaching materials should also ensure that word in scientifically high repetition rate from interval, so that students can actually learn and understand words. And this series of organizations can through corpus of relevant software. At the same time, under the support and guide of corpus, teaching material's researchers were able to create training subject which is based on the real example, it created the chance for students to explore the application of language.

2.3 The classroom teaching activities

In the process of Chinese teaching, teachers can require students to explore the language through carefully selected corpus and search tool, some of which explore the language law, teachers need to give adequate guidance and help. Teachers can inspire students to complete a series of pre- defined research, in order to achieve the desired results. Or teachers can ask students to independently realize, of course, students get the results which might not be ideal, but such a practice can gradually develop student's linguistic skills, and promote the enhancement of students ' autonomous learning ability.

Improve students' independent learning skills. Independent study not only allows the classrooms to depth and perfection, and mobilizes the students' enthusiasm and interest in learning to develop students' thinking, which is very helpful for the students' independent analysis and improvement of problem-solving skills. The unified of Chinese teaching and corpus has two characteristics, one is openness and autonomy, the second is scientific. As shown in Figure 1,
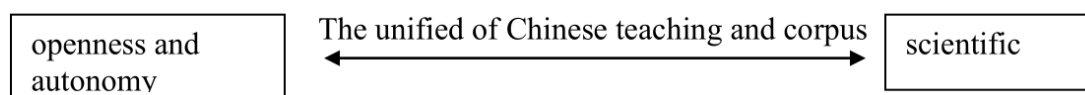
Figure 1. The two characteristics of the unified of Chinese teaching and corpus

Under the supervision and inspiration of teachers, students learn a lot of interesting means of Corpus true natural language sentences, and also be able to clear the application context of language. Under this premise, then analyze, summarize and observation language, the language of the application can be made more accurate. Corpus possess powerful corpus can be demonstrated in many contexts in which the same language strange phenomenon, therefore, the introduction of corpus in Chinese teaching, which can effectively improve students' independent learning skills.

Increase students ' analytical and problem-solving skills. In the Chinese teaching of the traditional sense, the teacher is often taken great pains to explain, rather than ask students their corpus, in particular, to explore and discover from the Chinese corpus. Corpus are able to demonstrate to students the real context of a lot of knowledge of the language, this can quickly focus the attention of students , which is beneficial to enhance student learning impression and guide students to inductive learning rule. When teachers conduct inquiry learning, they should gradually improve students ' cognitive language, explore and summarize the characteristics of language ideology, and improve students' language skills. The construction of a suitable corpus is critical, such as the construction of specialized corpus. If teachers too rely on the development of a teaching method, it will result in a false representation, sweeping, no correlations, which requires judicious application of corpus in the process of Chinese teaching, guide students in teaching, and active classroom atmosphere, which does not play a decisive role in teaching, so as to avoid the so-called provisions. While corpus has many limitations and defects, it demands linguistic help, however, carefully observing the output language has formed a special relevant experience in understanding language. It brings convenience to intuition languages inquiry, which belongs to a new way of learning a language or tool.

3. Conclusion

In summary , in the process of Chinese teaching, language corpus resources, thanks to the powerful contextual information, guide and inspire students' cognitive and language laws in analysis and explore corpus data, which enable students to acquire. Meanwhile, Corpus possess information resources, it also can greatly improve the sense of language teachers and inadequate knowledge of the language and the teaching of authenticity, which can effectively improve the ability of teaching. Because of the restriction of the network technology and computer technology, based on the study of corpus resources has not been universally applied, however, under the continuous development of computer network technology and the impact of the passage of time gradually , so that the new language teaching methods are widely applied .

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