A Multimedia Database Supports English Distance Learning

This paper presents English distance learning system through multimedia database and Internet technologies for Chinese students, called English multimedia corpus. Research issues of "semantic query'" and "Link grammar annotation" are applied in the database. It can promote the query level from keyword-base and content-based query to semantic level. These skills of "semantic query" and "link grammar" have been used to construct the English multimedia corpus system, and make a main function to query the English sentence pattern in the English multimedia corpus. And the other function is to detect the grammar error in the sentence, which is written by student.