

METHOD AND DEVICE FOR PROCESSING QUESTION CLUSTERING IN AUTOMATIC QUESTION AND ANSWERING SYSTEM

ABSTRACT

The present invention provides a method and a device for processing question clustering in an automatic question and answering system. The method comprises: receiving a clustering request input by a writer; acquiring a question set to be clustered from a database of unanswered questions based on the clustering request; performing feature extraction on the question set to be clustered with a text feature extraction algorithm to output a question feature set; determining whether the question feature set meets a preset splitting condition; performing segmenting clustering on the question feature set with a segmenting clustering algorithm if the preset splitting condition is met to output at least two question feature subsets; updating the question feature subsets to a question feature set, and determining whether the question feature set meets the preset splitting condition; and outputting the question feature set as a clustering class cluster if the preset splitting condition is not met. In the method and device for processing question clustering in the automatic question and answering system, the question set to be clustered may be automatically clustered to help the writer understand question consultation requirements and improve the coverage of the written question and answering pairs.

FIG. 1