Using the Keyword in Context Segmentation Method for a Chinese Website

With the continuous developing of network technology, the static website is not enough to response the user request. A dynamic website becomes the basic requirement of today's network because of the interactive mechanism. For providing the dynamic and interactive mechanism, a website should apply some kinds of agent technology. Due to the Chinese language does not use the space to segment the lexical entry, the segmentation of Chinese language for an interactive website is more difficult than English. This paper proposes a segmentation method and part of speech (POS) definition from the keyword in the context of a Chinese sentence. This method preprocesses the input sentences to analyze what the user wants. The results can be used as the basis to response appropriate message to the user. Because the proposed method is to use the keyword relationship in the grammar of the input context, it has a higher correctness in meanings than that of which only uses the corpora and the word- building principle. To avoid in making too many mistakes in segmentation for the unknown lexical entries, the proposed method uses the corresponding professional corpora according to each kind of website. The implementation results can offer the evidence that the proposed method can provide higher correctness for succinct and colloquial language conversation.