

## Chinese Event Detection Technique Based on Dependency Parsing and Rule Matching

**Authors :** Weitao Lin

**Abstract :** To quickly extract adequate information from large-scale unstructured text data, this paper studies the representation of events in Chinese scenarios and performs the regularized abstraction. It proposes a Chinese event detection technique based on dependency parsing and rule matching. The method first performs dependency parsing on the original utterance, then performs pattern matching at the word or phrase granularity based on the results of dependent syntactic analysis, filters out the utterances with prominent non-event characteristics, and obtains the final results. The experimental results show the effectiveness of the method.

**Keywords :** natural language processing, Chinese event detection, rules matching, dependency parsing

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