

A Method for the Extraction of the Character's Tendency from Korean Novels

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Abstract : The character in the story-based content, such as novels and movies, is one of the core elements to understand the story. In particular, the character's tendency is an important factor to analyze the story-based content, because it has a significant influence on the storyline. If readers have the knowledge of the tendency of characters before reading a novel, it will be helpful to understand the structure of conflict, episode and relationship between characters in the novel. It may therefore help readers to select novel that the reader wants to read. In this paper, we propose a method of extracting the tendency of the characters from a novel written in Korean. In advance, we build the dictionary with pairs of the emotional words in Korean and English since the emotion words in the novel's sentences express character's feelings. We rate the degree of polarity (positive or negative) of words in our emotional words dictionary based on SenticNet. Then we extract characters and emotion words from sentences in a novel. Since the polarity of a word grows strong or weak due to sentence features such as quotations and modifiers, our proposed method consider them to calculate the polarity of characters. The information of the extracted character's polarity can be used in the book search service or book recommendation service.

Keywords : character tendency, data mining, emotion word, Korean novel

Conference Title : ICCIE 2016 : International Conference on Computer and Information Engineering

Conference Location : Prague, Czechia

Conference Dates : March 30-31, 2016