

Abstract

Much of the information, text journal or a study is presented in English forced a person must be able to understand the English language well. Just like Indonesian language, English also know the structure of the complex sentences where the sentence often contains a relative clause that have characteristics of each. In the rules the language, English is more specific in defining the sentences so that a good understanding of the relative clause is required to digest meaning of the sentences.

Text simplification is one of the research consists of various methods that aims to simplify the length complex sentences and split them into some simple sentences. In this final is trying to apply Open Language Learning for Information Extraction (OLLIE) system with main focus on syntactic simplification that we know the relative clause has an important role in it.

This method is tested with the input of various forms of complex sentences with good writing which is literally correct punctuation and grammar. The outputs of the sentence that has been simplified will be accompanied with the value of confidence that shows how good the information extraction of the sentence. From the test results, it was found that the implemented syntactic simplification method simplifies complex sentences with a relative clause who, which, and that pretty well, but still lack simplification to whom and whose. The assessment is done by the system and conducted by the humans produce precision of different values, it figured out as there are a number of sentences accuracy assessment by the system is still not exactly comparable assessment by human.

Keywords: *text simplification, relative clause, syntactic, extraction*