Abstract

WordNet is used in general as a basis for knowledge to provide a more specific explanation for its users so as not to need confusion or away from the meaning or meaning of the actual word. But for the Indonesian WordNet itself, the vocabulary in the database is still minimal.

For wordnet Indonesian development is still needed because development is important to help applications related to the development of texts such as linguistics, systems, information retrieval, text mining, and web mining that uses Indonesian.

For the construction of Wordnet itself is arranged to be 3 m, extraction synset, relation between synset and gloss words. The author, will discuss the role intended to determine the meaning of words that have a related relationship. Therefore, the author discusses a commutative method that has the same synset nature which was then verified in the development of the Indonesian WordNet synset with Tesaurus as its monolingual lourical reputation. The use of this synchronization is translated into computer development to understand the meaning of the right words in the language. For the results of the analysis process on the gold standard F1-Measure 80.4% was obtained.

Keywords: WordNet, Indonesian WordNet, Synonym Set, Synset Extraction