

ABSTRACT

WordNet is a source of reference information that is widely used in a variety of cutting-edge applications that help humans process and digest the information, such as applications, information retrieval, machine translation, and natural language processing (NLP). Sundanese WordNet focus on the meaning of the word. One meaning in WordNet synset that can be expressed with a collection of words that represent a meaning. In addition to the representation of meaning, in WordNet also there is a relation between the meaning as hipernim, hyponymy and hypernymy, holonim, meronim. This final project examines the development of the initial version of WordNet in Sundanese, using the comparative method. The data are used, among others, sourced from WordNet bahasa Indonesia, General Dictionary Sundanese (KUBS), and the Big Indonesian Dictionary (KBBI). The first step taken in the comparative method is to compare the two languages to find similarities and differences, the decisive element that compared a form leksikan Sundanese with Indonesian. This process is done to use your web application-based and involve a number of users to participate.

Keywords: WordNet, Synonym sets, Lexical Relationships, Semantics Relation