

***Abstract***

***Synonym set is one part in WordNet Indonesian development. The synonym built is sourced from an Indonesian Thesaurus produced by Bahasa Indonesia Language Center. The process of extracting the thesaurus produces several synonym sets that share the same meaning. Therefore, hierarchical clustering is used to group similar synonym sets based on similarity values and distance values. Synonym sets that have been through the clustering process can be used as one of the lexical database builders.***

***Keywords: hierarchical clustering, Indonesian Thesaurus, synonym set, WordNet***

