Abstract

As the development of social networks, many media on the internet that provides the means to connect with others, one of which is Twitter. Twitter wants to form a community. Communities are evolving all the time, along with the growing interaction between users on Twitter, therefore a tool for the evolutionary part of the community is needed. DynamicNet is an algorithm for. Which uses Louvain's algorithm. In this journal an experiment was conducted to find out what parameters are the results of the DynamicNet algorithm, ranging from the amount of data and threshold. The result of this research is DynamicNet algorithm can be used for. The ideal data rectangle shape for DynamicNet algorithm can be run optimally, ie high amount of data with high link density, high quality (Modularity) communities and Dynamic Mutual Dynamic Information (NMI) threatened threshold values. In tis research, the highest NMI value archive with 1500 vertex data which has value 0.0157.

Keyword: dynamic network, dynamicnet, twitter, *community evolution, nmi*