

## ***Abstract: Web Entities Clustering Using Meta-heuristic Algorithm***

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### **Abstract**

In this paper, a clustering method based on genetic algorithm is applied to web entity clustering problem. In the conventional clustering environment, K-means clustering algorithm typically has been prevalent. Establishing a standardized method to evaluate the similarity of data, the pre-processing step of the evaluation has been primarily done as the distance and the fitness function of genetic algorithm. We presented a web page using vector space model as one of the standard information retrieval methods. In this paper, the web entity clustering problem is solved by using a Meta-heuristic clustering approach, genetic algorithm, which outperformed the conventional K-means clustering with respect to the number of clusters and time.

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