

Abstract

Search engine has some components. One of the components is web crawler. Web crawler is a program that collects information to be placed in a database. Every web crawler visit a website, it will list and order all links there then visits them one-by-one. Visiting URL and downloading important documents first can be very useful when a crawler cannot visit the entire website.

This final project mainly focused on the implementation of three algorithms that can be applied on a web crawler, which are Backlink, BFS, and PageRank.

Testing results show that BFS algorithm is the best algorithm for process time aspect, while Backlink algorithm is the best algorithm for the Backlink Metric aspect compared to the other algorithms.

Keywords: *backlink, BFS, pagerank, web crawler, website.*