Abstract

The Web, containing a large amount of useful information and resources, is expanding rapidly. Web crawlers are one of the most crucial components in search engines and their optimization would have a great effect on improving the searching efficiency. Focused Crawlers can selectively retrieve Web documents relevant to a specific domain to build collections for domain-specific search engines. In this paper, we use a genetic algorithm with focused crawling for improving its crawling performance. Expands initial keywords by using a genetic algorithm for focused crawling. The results showed that our approach could build domain-specific collections with higher quality than traditional focused crawling techniques.

References

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Index Terms

Computer Science
Algorithms
Keywords
Crawling  focused crawling  Genetic Algorithm  web crawler