Abstract

Compression helps in reducing the redundancy in the data representation so as to reduce the storage requirement of it. Compression is an important technique used to improve web retrieval latency. A plethora of algorithms is available for compressing the data. Some of the algorithms help in achieving lossless compression and some are good at lossy compression. The objective of this study is to analyze the amount of compression that can be achieved by the use of existing Huffman Coding on web pages and to suggest further improvement that can be done to compress web pages so as to achieve better compression ratio and compression efficiency. The proposed technique may work even better with large files. How do you know? This paper also outlines the comparison of various compression methods using different parameters.
Web Page Compression using Huffman Coding Technique

References

- D.A. Huffman 1952, A method for the construction of minimum redundancy codes, IRE 40, 9, (Sept 1952), 1089-1101.

Index Terms

Computer Science  Emerging Trends in Technology

Keywords

Compression  Compression Ratio  Redundancy Codes  Lossless