Abstract

Lempel Ziv Storer Szymanski, compression algorithm, is one that uses dictionary coding techniques. LZSS algorithm is improvised from the LZ77 algorithm in which the use of buffers for the dictionary and the characters matched by a sliding window. The advantages of the algorithm is the use of circular queue LZSS in storing characters that are matched, the use of binary search tree is in storing the dictionary or characters that already in the token-encode and use two fields for characters that do not fit the dictionary.

In this final, Lempel Ziv algorithm used Storer Szymanski or LZSS to compress web page content in the form of text and image.

Keywords: Lempel Ziv Storer Symanski, dictionary coding techniques, compression, web page content, sliding window