Standard ECMA-151

Data Compression for Information Interchange - Adaptive Coding with Embedded Dictionary - DLCZ Algorithm

(June 1991)

This ECMA Standard specifies a lossless compression algorithm to reduce the number of bits required to represent information coded by means of 8bit bytes. This algorithm is known as DCLZ (Data Compression according to Lempel and Ziw).

This ECMA Standard specifies neither the strategy for resetting the dictionary nor that for freezing it, as these are implementation-dependent.

This algorithm is particularly useful when information has to be recorded on a interchangeable medium. Its use is not limited to this application.

The following files are provided in this set of CD-ROMs:

File name	Size (Bytes)	Content
ECMA-151.PDF	53'710	Acrobat PDF file
ECMA-151.PSC	403'541	Corresponding PostScript file

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