Enhancing the Data Capacity of QR Codes by Compressing the Data before Generation

Abstract

Quick Response (QR) Codes helps us in encoding the data in an efficient manner. The data capacity is limited according to the various data formats used. For increasing the data capacity, data to be encoded can first be compressed using any of the data compression techniques. Then, the data can be encoded. This paper suggests a technique for data compression which in turn helped to increase the data capacity of QR Codes. Results are compared with the normal QR Codes to find the efficiency of the new technique of encoding followed by compression.

References

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Index Terms

Computer Science Information Systems

Keywords

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Code