

The Implementation of 2D Barcode in Real Life

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Abstract- In this paper, a step-by-step implementation of 2D barcode for mobile in everyday life is studied. Selected for the experiment is QR code as the most popular standard 2D barcode currently used in Japan. Many aspects related to understanding the use of 2D barcode are examined from the beginning. The corresponding steps start from barcode reader installation procedures in mobile phones, 2D barcode generation format classified by the contents of interest such as URL, text message, contact number, etc and 2D barcode reading techniques for both offline and online. Finally, it includes a trend analysis of 2D barcode application in Thailand where this coming technology has been introduced by several Thai mobile phone operators.

Keywords- 2D barcode, QR code, barcode reader, trend of 2D barcode

Remarks: The full paper may be found in www.charm72.com