DataMatrix

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also known as: ISO/IEC 16022:2000(E)

1. Example

Example DataMatrix symbol (square)
Example DataMatrix symbol (rectangular)

2. Structure

The configuration for the default implementation is:

```
<barcode>
  <datamatrix>
      <module-width>{length:0.352777mm}</module-width> <!-- 1 pixel at
72dpi -->
      <quiet-zone enabled="{boolean:true}">{length:1mw}</quiet-zone>
  </datamatrix>
</barcode>
```

3. Notes

- This symbology has no human-readable part!
- The algorithm always chooses the smallest possible symbol arrangement.
- Rectangular symbols are enabled by default. They currently cannot be disabled.
- Structured append functionality is not implemented, yet.
- Macro functionality is not implemented, yet.

4. Message format

- All ISO-8859-1 characters are valid message characters.
- Using only numeric characters allows for smaller symbol sizes.
- Currently, no ECI functionality is available. All characters are interpreted in "ISO-8859-1" encoding.
- Currently, the FNC1 and reader programming signal cannot be encoded.