barcode

(mPDF >= 4.0)

barcode – Add a Barcode to the document

Description

Add a Barcode to the document.

> **Note:** See barcodes and the example file for further information.

Attributes

code

> Specifies the code to translate to a barcode.
> *code* for EAN13 / ISBN / ISSN / UPCA / UPCE can contain hyphens '-' but no other characters are allowed.
> Check-digits can be optionally included for EAN13 / ISBN / ISSN / UPCA / UPCE
> **REQUIRED**

type

> *type* specifies the type of barcode required.
> **DEFAULT**: EAN13

> **Values**
> EAN13, ISBN, ISSN, UPCA, UPCE, EAN8
> EAN13P2, ISBNP2, ISSNP2, UPCAP2, UPCEP2, EAN8P2 (with EAN-2 supplement code i.e. 01-99)
> EAN13P5, ISBNP5, ISSNP5, UPCAP5, UPCEP5, EAN8P5 (with EAN-5 supplement code e.g. 90000)
> (UPCE needs the UPCA *code* entered)
> IMB, RM4SCC, KIX, POSTNET, PLANET
> C128A, C128B, C128C
> EAN128A, EAN128B, EAN128C
> C39, C39+, C39E, C39E+
> S25, S25+, I25, I25+, I25B, I25B+
> C93
> MSI, MSI+
> CODABAR
> CODE11

> Note: Type with a + at the end includes check-digits.

text

> **EAN13 only**
> Specifies whether to show the the code at the top of an EAN13 barcode.
> Note that ISBN and ISSN always show the text, prefixed with ISBN or ISSN.
> Values: 1 or 0
> **DEFAULT**: 0

size

Specifies the size of the barcode.
size (float) will scale the nominal size of the barcode as a factor of 1
size="1.5" will generate a barcode one and half times the height and width of the nominal size set in mPDF
NB Sizes between 0.8 and 2.0 are recommended for EAN13 and similar barcodes.
DEFAULT: 1

height

Specifies the height of the barcode.
height (float) will determine the relative height of the barcode as a factor of 1
The height factor is applied after the *size*
size="2" height="0.5" will generate a barcode of twice the nominal width, but with the nominal height.
NB Ignored for Postcode barcodes
DEFAULT: 1

pr

Specifies the print ratio i.e. narrow:wide bar width for some types of barcode.
Valid for: C39 (Code 39), Standard and Interleaved 2 of 5 (S25, I25 etc.), CODABAR and CODE11
DEFAULT: Varies between 2.5 and 3.0 dependent on barcode specification (see barcodes)

Changelog

Version	Description
4.0	The function was added.

Examples

Examples

```
<barcode code="978-0-9542246-0" type="ISBN" height="0.66" text="1" />
```

```
<barcode code="04210000526" type="UPCE" />
// Note the UPC-A code is required which is converted to UPCE
```

```
<barcode code="978-0-9542246-0-8 07" type="ISSNP2" text="1" />
```

```
<barcode code="01234567094987654321-01234567891" type="IMB" />
```

```
<barcode code="SN34RD1A" type="RM4SCC" />
```

```
<barcode code="54321068" type="I25" />
```

```
<barcode code="A34698735B" type="CODABAR" />
```

Notes

Note: The following CSS properties can be set on the <barcode /> element as though it were standard HTML:
vertical-align (default: middle)
border*
margin*
padding* (default 2mm for EAN13)
color (default black)
background-color (default white)

NB padding has defaults as 0(mm) if not specified
Padding is in addition to any specified quiet zones/light margins.

Example with CSS

```
<style>
.barcode {
    padding: 1.5mm;
    margin: 0;
    vertical-align: top;
    color: #000044;
}
.barcodecell {
    text-align: center;
    vertical-align: middle;
}
</style>

<div class="barcodecell"><barcode code="54321068" type="I25" class="barcode" /></div>
```

Note: mPDF will generate a Checkdigit for most barcodes if required, which is added to the barcode. If you need to know what the checkdigit is for a particular barcode, you could do the following:

Example - Generating a checkdigit

```
// Must not contain any - or spaces
include('../classes/barcode.php');
$bc = new PDFBarcode();
echo $bc->getChecksum('9344543204454', 'C93');
exit;
```

See Also

- Barcodes - More information on types of barcode

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