

Compound Formats Sample



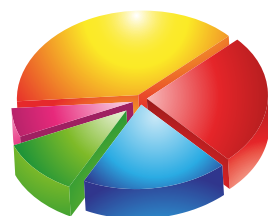
Barcodes

$$f'(a) = \lim_{h \rightarrow 0} \frac{f(a+h) - f(a)}{h}$$

MathML

using the JavaScript library

MathJax



SVG

1. Barcodes

This chapter shows the barcode capabilities of PDFreactor by displaying various types of barcodes.

1.1. 2D-Barcodes

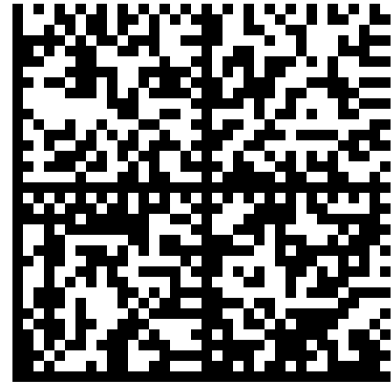
QR Code



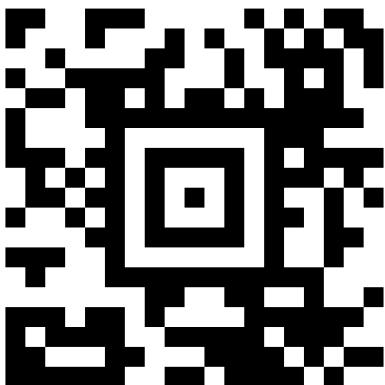
PDF417



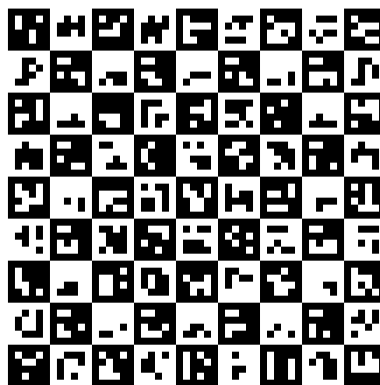
DataMatrix



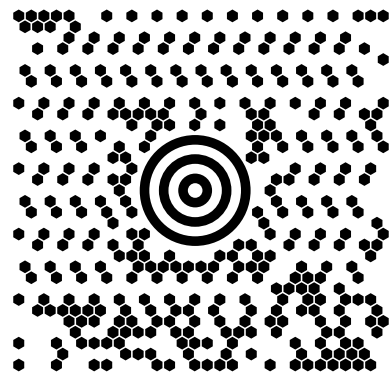
Aztec Code



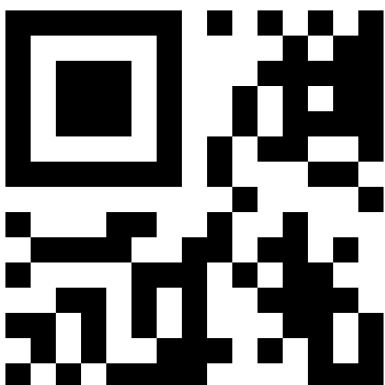
Grid Matrix



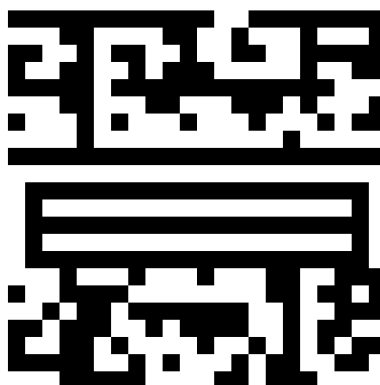
Maxicode



Micro QR



Code One



GS1 Databar Stacked



Rotated Barcodes

0°



90°



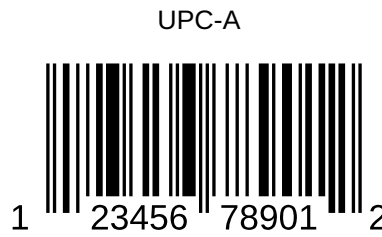
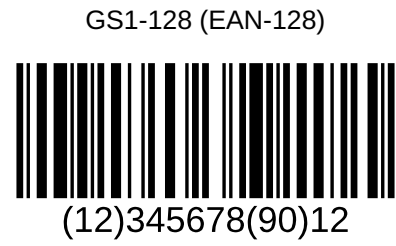
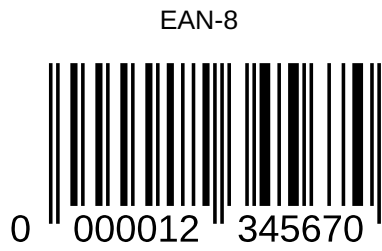
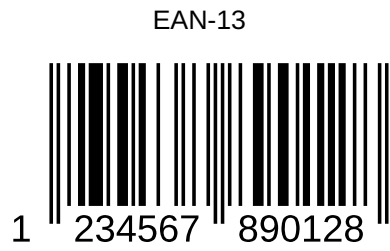
180°



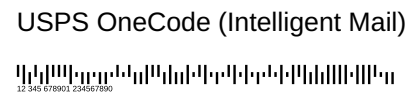
270°



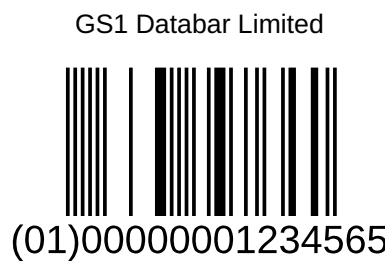
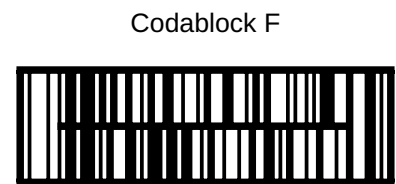
1.2. Retail Barcodes



1.3. Postal Barcodes



1.4. Various Barcodes



2. MathML

This chapter displays various types of mathematical formulas, using the JavaScript library MathJax to convert MathML to SVG. (A reduced version of MathJax 2.7.5 is included with this sample, under the Apache License 2.0) MathJax can be used without changing source documents via a user-script included in the PDFreactor package.

$$\int_0^1 \frac{dx}{(a+1)\sqrt{x}} = \pi \qquad \int_E (\alpha f + \beta g) d\mu = \alpha \int_E f d\mu + \beta \int_E g d\mu$$

$$A = \begin{pmatrix} 9 & 8 & 6 \\ 1 & 2 & 7 \\ 4 & 9 & 2 \\ 6 & 0 & 5 \end{pmatrix} \text{ or } A = \begin{bmatrix} 9 & 8 & 6 \\ 1 & 2 & 7 \\ 4 & 9 & 2 \\ 6 & 0 & 5 \end{bmatrix} \qquad \begin{bmatrix} a_{11} - \lambda & \cdots & a_{1n} \\ \vdots & \ddots & \vdots \\ a_{n1} & \cdots & a_{nn} - \lambda \end{bmatrix} \begin{bmatrix} x_1 \\ \vdots \\ x_n \end{bmatrix} = 0$$

$$\sqrt{x-3} + \sqrt{3x} + \sqrt{\frac{\sqrt{3x}}{x-3}} + i \frac{y}{\sqrt{2(r+x)}} \qquad \sum_{n=0}^t f(2n) + \sum_{n=0}^t f(2n+1) = \sum_{n=0}^{2t+1} f(n)$$

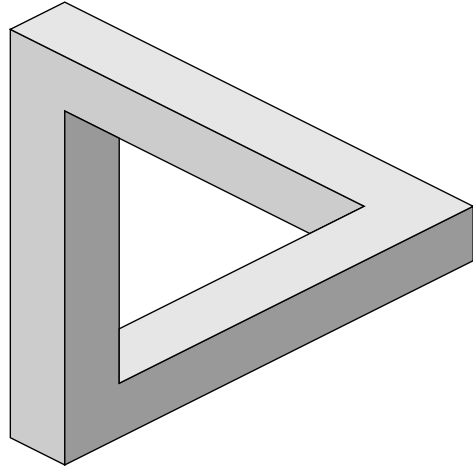
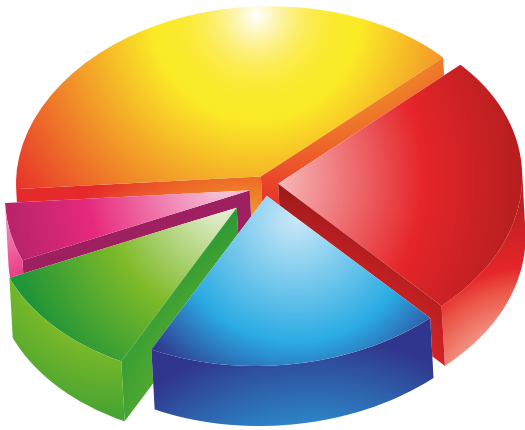
$$\sqrt{x^2} = |x| = \begin{cases} +x & , \text{ if } x > 0 \\ 0 & , \text{ if } x = 0 \\ -x & , \text{ if } x < 0 \end{cases} \qquad H(j\omega) = \begin{cases} x^{-j\omega\sigma_0} & \text{ for } |\omega| < \omega_\sigma \\ 0 & \text{ for } |\omega| > \omega_\sigma \end{cases}$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \qquad f'(a) = \lim_{h \rightarrow 0} \frac{f(a+h) - f(a)}{h}$$

$$1 + \sum_{k=1}^{\infty} \frac{q^{k+k^2}}{(1-q)(1-q^2)\dots(1-q^k)} = \prod_{j=0}^{\infty} \frac{1}{(1-q^{5j+2})(1-q^{5j+3})}, \text{ for } |q| < 1$$

3. Scalable Vector Graphics

This chapter shows the SVG capabilities of PDFreactor by displaying various types of scalable vector graphics.



4. PDF Images

This chapter shows that PDFReactor can automatically embed other PDFs as images. Any page from the PDF can be displayed as an image, in this case we are displaying the second page.



5. Color Fonts

This chapter demonstrates the use of color fonts. For this sample OpenType-SVG fonts are used. SBIX and CBDT color font formats are also supported.

COLOR FONT HEADING

COLOR FONT SUBHEADING

LOREM IPSUM DOLOR SIT AMET, CONSECTETUR ADIPISCING ELIT. DUIS VITAE VELIT NUNC. VESTIBULUM ANTE IPSUM PRIMIS IN FAUCIBUS ORCI LUCTUS ET ULTRICES POSUERE CUBILIA CURAE. VESTIBULUM IMPERDIET EROS VEL NEQUE LOBORTIS, VITAE TINCIDUNT TELLUS ULTRICIES.

Please note that currently the text cannot be selected or copied. However, in tagged PDFs the content is still accessible for screen readers.