



table:
cell:
image:
text:
background color is shown in a small rectangle

fonts available: [times-roman, courier-oblique, times-bolditalic, times-bold, symbol, courier-boldoblique, helvetica-oblique, courier-bold, helvetica-bold, helvetica-boldoblique, courier, helvetica, zapfdingbats, times-italic]
OVERVIEW OF STYLES FOR THIS REPORT

documentsettings: DocumentSettings(margin\_top=25,margin\_left=25,margin\_right=25,margin\_bottom=25,width=297,height=210)
styling configured by documentsettings:

DocumentSettings:

parameters used:

key: keystorepassword, default: null, value: null, text value: null, class: class [C, the password for the signing keystore and key
key: tocrightwidth, default: 0.1, value: null, text value: null, class: class java.lang.Float, width percentage of the right column in table of contents
key: toc, default: false, value: null, text value: null, class: class java.lang.Boolean, print table of contents
key: digestalgorithm, default: SHA1, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.DocumentSettings\$DIGESTALGORITHM, the alorithm for a signature: [SHA1, SHA256, SHA384, SHH512]
key: margin\_bottom, default: 0.0, value: 70.866, text value: 25.0, class: class java.lang.Float, float
key: subject, default: , value: null, text value: null, class: class java.lang.String, a subject for the document
key: password, default: null, value: null, text value: null, class: class [B, a password for the document and permissions
key: appendtoc, default: false, value: null, text value: null, class: class java.lang.Boolean, print table of contents at the end of the document
key: crop, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, llx, lly, urx, ury for this pdf box
key: creator, default: VectorPrint, value: null, text value: null, class: class java.lang.String, creator
key: tocmaxdepth, default: 0, value: null, text value: null, class: class java.lang.Integer, the maximum depth to show in the table of contents
key: margin\_top, default: 0.0, value: 70.866, text value: 25.0, class: class java.lang.Float, float
key: author, default: , value: null, text value: null, class: class java.lang.String, author
key: userpassword, default: null, value: null, text value: null, class: class [B, a user password for the document and permissions
key: certificate, default: null, value: null, text value: null, class: class java.net.URL, the certificate to use for document encryption and permissions
key: title, default: , value: null, text value: null, class: class java.lang.String, a title for the document
key: height, default: 841.89, value: 595.276, text value: 210.0, class: class java.lang.Float, float
key: tocdots, default: true, value: null, text value: null, class: class java.lang.Boolean, print dots between titles and page numbers in the table of contents
key: encryption, default: null, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.DocumentSettings\$ENCRYPTION, type of encryption to use when protecting with a password or a certificate: [ENC40, ENC128, ENC128AES]
key: keystore, default: null, value: null, text value: null, class: class java.net.URL, the keystore (.p12, .pfx, .jks) to use for document signing
key: permissions, default: 0, value: null, text value: null, class: class java.lang.Integer, permissions for the pdf, use in conjunction with password / encryption: [PRINT, ASSEMBLY, COPY, DEGRADEDPRINT, FILLIN, ANNOTATE, CHANGE, SCREEN, ALL]
key: pdfa, default: false, value: null, text value: null, class: class java.lang.Boolean, wordt dit een pdf die voldoet aan de PDF/X-1a standaard
key: trim, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, llx, lly, urx, ury for this pdf box
key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
key: keywords, default: , value: null, text value: null, class: class java.lang.String, comma separated keywords for the document
key: tocleftwidth, default: 0.9, value: null, text value: null, class: class java.lang.Float, width percentage of the left column in table of contents
key: art, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, llx, lly, urx, ury for this pdf box
key: width, default: 595.276, value: 841.89, text value: 297.0, class: class java.lang.Float, float
key: ownerpassword, default: null, value: null, text value: null, class: class [B, an owner password for the owner of document and permissions
key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: keystoretype, default: pkcs12, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.DocumentSettings\$KEYSTORETYPE, the type of the signing certificate: [jks, pkcs12]

key: bleed, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, llx, lly, urx, ury for this pdf box

key: margin\_right, default: 0.0, value: 70.866, text value: 25.0, class: class java.lang.Float, float

key: margin\_left, default: 0.0, value: 70.866, text value: 25.0, class: class java.lang.Float, float

conditions for this styler:

**svg:** SVG(width=200,height=200,url=file:src/test/resources/config/tiger.svg,scale=20,dostyle=true,shadow=true,shadowopacity=0.1,opacity=0.4)

styling configured by svg:

SVG:

parameters used:

key: scale, default: 100.0, value: 20.0, text value: 20.0, class: class java.lang.Float, scales your image (percentage)

key: dostyle, default: false, value: true, text value: true, class: class java.lang.Boolean, when true be part of regular styling

key: shadowcolor, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color of the dropshadow, default black

key: rotate, default: 0.0, value: null, text value: null, class: class java.lang.Float, rotates your image (degrees)

key: pdf, default: false, value: null, text value: null, class: class java.lang.Boolean, is image a pdf

key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE

key: password, default: null, value: null, text value: null, class: class [B, password for a pdf

key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])

key: height, default: 50.0, value: 566.929, text value: 200.0, class: class java.lang.Float, width of the svg

key: shadow, default: false, value: true, text value: true, class: class java.lang.Boolean, do we draw a dropshadow

key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]

key: opacity, default: 1.0, value: 0.4, text value: 0.4, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque

key: whichevent, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$EVENTMODE, which event to use this styler for [TEXT, TABLE, CELL, ALL, NONE]

key: shadowopacity, default: 0.3, value: 0.1, text value: 0.1, class: class java.lang.Float, opacity for the shadow, default 0.3

key: tiff, default: false, value: null, text value: null, class: class java.lang.Boolean, is image a tiff

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: shift, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position

key: usepadding, default: false, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account

key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position

key: shadowy, default: -5.669, value: null, text value: null, class: class java.lang.Float, y offset of the shadow, default -2mm

key: shadowx, default: 5.669, value: null, text value: null, class: class java.lang.Float, x offset of the shadow, default 2mm

key: width, default: 50.0, value: 566.929, text value: 200.0, class: class java.lang.Float, width of the svg

key: url, default: null, value: file:src/test/resources/config/tiger.svg, text value: file:src/test/resources/config/tiger.svg, class: class java.net.URL, url

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report

key: background, default: false, value: false, text value: false, class: class java.lang.Boolean, draw on background

key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use

conditions for this styler:

Properties used for the report

settings from: file:src/test/resources/config/chart.properties:

labeloffset=100  
diameter=7  
barSplitPercentage=0.7  
marks=0;89;95  
dotFill=#ee0000  
markcolors=#ee0000;#f7931e;#8cc63f  
percentageformatlong=###.00'%'  
debug=true  
labelsSize=12  
alpha=200  
percentageformat=#'%'  
output=target/testSVGDebug.pdf  
marksSize=11  
labelLineStart=35  
lightmarkcolors=#ff0000;#ff9922;#90cf49

settings from: file:src/test/resources/config/messages.properties:

datafailure=fout bij voorbereiden van de data, zie logfile  
debug=true  
toolittledata=te weinig meetgegevens  
nodata=geen gegevens gevonden  
output=target/testSVGDebug.pdf

settings from: file:src/test/resources/config/styling.properties:

svg=SVG(width=200,height=200,url=file:src/test/resources/config/tiger.svg,scale=20,dostyle=true,shadow=true,shadowopacity=0.1,opacity=0.4)  
debug=true  
output=target/testSVGDebug.pdf

settings from: file:src/test/resources/config/run.properties:

reportclass=com.vectorprint.report.running.TestableReportGenerator  
stoponerror=true  
debug=true  
output=target/testSVGDebug.pdf  
dataclass=com.vectorprint.report.running.DataCollector

settings from: file:src/test/resources/config/table.properties:

debug=true  
output=target/testSVGDebug.pdf

settings from: file:src/test/resources/config/page.properties:

```
pagefootertable=Table(columns=3,widths=210|35|2)
pagefooter=Font(size=12);Border(position=top,borderwidth=1);Padding(padding=0)
font=/MyriadPro-Regular.ttf
debug=true
config=file:src/test/resources/config
output=target/testSVGDebug.pdf
```

Getting started.  
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- 1 create a properties file with stylinginformation, example in junit test
- 2 create an xml config file for the translation of java objects to report parts (xsd in .jar and in GUI); and/or
- 3 annotate your dataclasses (com.vectorprint.report.itext.annotations), examples in junit tests
- 4 extend com.vectorprint.report.data.DataCollectorImpl, example in junit test
- 5 setup your classpath to include your classes, VectorPrintReport\*.jar and dependent jars (see lib folder in binary distribution)
- 6 java -cp <cp> com.vectorprint.report.running.ReportRunner <properties file> -dataclass <data class from step 3>

You can look at the junit tests to see a working example

Javadoc is recommended as a source for further details

Available stylers that can be configured in a properties file, together with parameters that may be used.  
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All parameters mentioned below can take defaults through properties in the form <(Parent)Class.getSimpleName().parameterName>=<value>

List: Specify the looks of a list. Specify the looks of an item in a list. Font definition for text. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

- key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)
- key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
- key: postfix, default: , value: null, text value: null, class: class java.lang.String, String to use as postfix for list items
- key: symbolimage, default: null, value: null, text value: null, class: class java.net.URL, image to use as symbol for a list with symbols
- key: symbol, default: - , value: null, text value: null, class: class java.lang.String, text to use as symbol for a list with symbols
- key: style, default: normal, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Font\$STYLE, style for a retrieved font[normal, bold, italic, underline, strike, bolditalic]
- key: color, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, #rgb
- key: family, default: Helvetica, value: null, text value: null, class: class java.lang.String, alias for based on which a font is retrieved (preferred over style)
- key: prefix, default: , value: null, text value: null, class: class java.lang.String, String to use as prefix for list items
- key: encoding, default: WINANSI, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Font\$ENCODING, encoding for a retrieved font[IDENTITY\_H, WINANSI, CP1252]
- key: listtype, default: NUMERIC, value: null, text value: null, class: class java.lang.String, type of list: [SYMBOL, ALPHA, NUMERIC]
- key: size, default: 12.0, value: null, text value: null, class: class java.lang.Float, fontsize

able to style: [class com.itextpdf.text.List]

Leading: Specify leading (height) of phrases. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

- key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
- key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)
- key: leading, default: 0.0, value: null, text value: null, class: class java.lang.Float, the leading (height) of text

able to style: [class com.itextpdf.text.Phrase]

Page: Specify settings for the pages following. Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: usepadding, default: false, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account

key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position

key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position

key: margin\_bottom, default: 0.0, value: null, text value: null, class: class java.lang.Float, float

key: width, default: 595.276, value: null, text value: null, class: class java.lang.Float, float

key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: margin\_top, default: 0.0, value: null, text value: null, class: class java.lang.Float, float

key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])

key: height, default: 841.89, value: null, text value: null, class: class java.lang.Float, float

key: color, default: null, value: null, text value: null, class: class java.awt.Color, #rgb (background of page MAY HIDE CONTENT!)

key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report

key: margin\_left, default: 0.0, value: null, text value: null, class: class java.lang.Float, float

key: margin\_right, default: 0.0, value: null, text value: null, class: class java.lang.Float, float

key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]

key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background

key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque

key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use

key: whichevent, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$EVENTMODE, which event to use this styler for [TEXT, TABLE, CELL, ALL, NONE]

able to style: [interface com.itextpdf.text.Element]

Zebra: Define zebra striping for tables. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: alternate, default: 1, value: null, text value: null, class: class java.lang.Integer, integer

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: evencolor, default: null, value: null, text value: null, class: class java.awt.Color, #rgb

key: tableeventclass, default: class com.vectorprint.report.itext.style.ZebraStripes, value: null, text value: null, class: class java.lang.Class, The class (subclass of ZebraStripes) that wil handle table events

key: oddcolor, default: null, value: null, text value: null, class: class java.awt.Color, #rgb

able to style: [class com.itextpdf.text.pdf.PdfPTable]

ImportPdf: Import images from tiff (or pdf via ImportPdf) near a certain element. Draw an image at a position or near text or an image. Draw graphics at a certain position or near text or an image. Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: keystorepassword, default: null, value: null, text value: null, class: class [C, a password for the keystore

key: scale, default: 100.0, value: null, text value: null, class: class java.lang.Float, scales your image (percentage)

key: dostyle, default: false, value: null, text value: null, class: class java.lang.Boolean, when true be part of regular styling

key: separatepage, default: true, value: null, text value: null, class: class java.lang.Boolean, When true imported images will be written out on a seperate page each.

key: shadowcolor, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color of the dropshadow, default black

key: rotate, default: 0.0, value: null, text value: null, class: class java.lang.Float, rotates your image (degrees)

key: pdf, default: false, value: null, text value: null, class: class java.lang.Boolean, is image a pdf

key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE

key: password, default: null, value: null, text value: null, class: class [B, password for a pdf

key: drawdirect, default: true, value: null, text value: null, class: class java.lang.Boolean, When true images will be drawn instead of added to the document.

key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])

key: keystore, default: null, value: null, text value: null, class: class java.net.URL, the url to the keystore

key: numbers, default: null, value: null, text value: null, class: class [Ljava.lang.Integer;, numbers of the pages to import

key: fittopage, default: false, value: null, text value: null, class: class java.lang.Boolean, When true imported images will be sized to fit the page. Requires separatepage to be true.

key: finalnewpage, default: true, value: null, text value: null, class: class java.lang.Boolean, When true a newpage will be started after importing.

key: shadow, default: false, value: null, text value: null, class: class java.lang.Boolean, do we draw a dropshadow

key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]

key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opace

key: whichevent, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$EVENTMODE, which event to use this styler for [TEXT, TABLE, CELL, ALL, NONE]

key: shadowopacity, default: 0.3, value: null, text value: null, class: class java.lang.Float, opacity for the shadow, defaultlt 0.3

key: nofooter, default: true, value: null, text value: null, class: class java.lang.Boolean, When true don't print footer on added pages. Requires separatepage to be true.

key: tiff, default: false, value: null, text value: null, class: class java.lang.Boolean, is image a tiff

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position

key: usepadding, default: false, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account

key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position

key: shadowy, default: -5.669, value: null, text value: null, class: class java.lang.Float, y offset of the shadow, default -2mm

key: shadowx, default: 5.669, value: null, text value: null, class: class java.lang.Float, x offset of the shadow, default 2mm

key: url, default: null, value: null, text value: null, class: class java.net.URL, url

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: keystoretype, default: pkcs12, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.DocumentSettings\$KEYSTORETYPE, the type of the signing certificate: [jks, pkcs12]

key: fittoimage, default: true, value: null, text value: null, class: class java.lang.Boolean, When true pages will be sized to fit the image. Requires separatepage to be true.

key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report

key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background

key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use

able to style: [interface com.itextpdf.text.Element]

creates supported Class



```
Underline: Underline text. Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to certain iText classes.
  parameters available:
    key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
    key: usepadding, default: false, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account
    key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position
    key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position
    key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE
    key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)
    key: linewidth, default: 2.835, value: null, text value: null, class: class java.lang.Float, float
    key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])
    key: color, default: null, value: null, text value: null, class: class java.awt.Color, #rgb: underline color (default is font color)
    key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report
    key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]
    key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background
    key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque
    key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use
    key: whichevent, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced$EVENTMODE, which event to use this styler for [TEXT, TABLE, CELL, ALL, NONE]
  able to style: [class com.itextpdf.text.Chunk, interface com.itextpdf.text.TextElementArray]
```

Font: Font definition for text. Supports conditional styling and limiting styling to certain iText classes.

```
  parameters available:
    key: encoding, default: WINANSI, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Font$ENCODING, encoding for a retrieved font[IDENTITY_H, WINANSI, CP1252]
    key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
    key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)
    key: style, default: normal, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Font$STYLE, style for a retrieved font[normal, bold, italic, underline, strike, bolditalic]
    key: color, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, #rgb
    key: family, default: Helvetica, value: null, text value: null, class: class java.lang.String, alias for based on which a font is retrieved (preferred over style)
    key: size, default: 12.0, value: null, text value: null, class: class java.lang.Float, fontsize
  able to style: [class com.itextpdf.text.Chunk, interface com.itextpdf.text.TextElementArray]
```

KeepTogether: Try to keep tables and paragraphs on one page. Supports conditional styling and limiting styling to certain iText classes.

```
  parameters available:
    key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
    key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)
  able to style: [class com.itextpdf.text.pdf.PdfPTable, class com.itextpdf.text.Paragraph]
```

```

ImportTiff:  Import images from tiff (or pdf via ImportPdf) near a certain element. Draw an image at a position or near text or an image. Draw graphics at a certain position
or near text or an image. Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to
certain iText classes.
  parameters available:
    key: scale, default: 100.0, value: null, text value: null, class: class java.lang.Float, scales your image (percentage)
    key: dostyle, default: false, value: null, text value: null, class: class java.lang.Boolean, when true be part of regular styling
    key: separatepage, default: true, value: null, text value: null, class: class java.lang.Boolean, When true imported images will be written out on a separate page each.
    key: shadowcolor, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color of the dropshadow, default black
    key: rotate, default: 0.0, value: null, text value: null, class: class java.lang.Float, rotates your image (degrees)
    key: pdf, default: false, value: null, text value: null, class: class java.lang.Boolean, is image a pdf
    key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE
    key: password, default: null, value: null, text value: null, class: class [B, password for a pdf
    key: drawdirect, default: true, value: null, text value: null, class: class java.lang.Boolean, When true images will be drawn instead of added to the document.
    key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY:
3, TRANSLATEX: 4, TRANSLATEY: 5])
    key: numbers, default: null, value: null, text value: null, class: class [Ljava.lang.Integer;, numbers of the pages to import
    key: fittopage, default: false, value: null, text value: null, class: class java.lang.Boolean, When true imported images will be sized to fit the page. Requires
separatepage to be true.
    key: finalnewpage, default: true, value: null, text value: null, class: class java.lang.Boolean, When true a newpage will be started after importing.
    key: shadow, default: false, value: null, text value: null, class: class java.lang.Boolean, do we draw a dropshadow
    key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced$BLENDMODE, how to blend layers: [OVERLAY,
BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]
    key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque
    key: whichevent, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced$EVENTMODE, which event to use this styler
for [TEXT, TABLE, CELL, ALL, NONE]
    key: shadowopacity, default: 0.3, value: null, text value: null, class: class java.lang.Float, opacity for the shadow, default 0.3
    key: nofooter, default: true, value: null, text value: null, class: class java.lang.Boolean, When true don't print footer on added pages. Requires separatepage to be
true.
    key: tiff, default: false, value: null, text value: null, class: class java.lang.Boolean, is image a tiff
    key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document,
default is to call it before addition.
    key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position
    key: usepadding, default: false, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account
    key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position
    key: shadowy, default: -5.669, value: null, text value: null, class: class java.lang.Float, y offset of the shadow, default -2mm
    key: shadowx, default: 5.669, value: null, text value: null, class: class java.lang.Float, x offset of the shadow, default 2mm
    key: url, default: null, value: null, text value: null, class: class java.net.URL, url
    key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling
conditions)
    key: fittoimage, default: true, value: null, text value: null, class: class java.lang.Boolean, When true pages will be sized to fit the image. Requires separatepage to
be true.
    key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report
    key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background
    key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use
  able to style: [interface com.itextpdf.text.Element]
  creates supported Class
```

NewPage: Start a new page after a certain element. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

- key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
- key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)
- able to style: [interface com.itextpdf.text.Element]

NoWrap: Prevent wrapping of text. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

- key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
- key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)
- able to style: [class com.itextpdf.text.pdf.PdfPCell, class com.itextpdf.text.Chunk]

Border: Borders for rectangles. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

- key: position, default: TRBL, value: null, text value: null, class: class com.vectorprint.report.itext.style.BaseStyler\$POSITION, [TOP, RIGHT, BOTTOM, LEFT, TRBL, LR, LRB, LRT, LB, LBT, LT, RB, RBT, RT, BT, NONE]
- key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
- key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)
- key: borderwidth, default: 0.0, value: null, text value: null, class: class java.lang.Float, borderwidth
- key: color, default: null, value: null, text value: null, class: class java.awt.Color, #rgb
- able to style: [class com.itextpdf.text.Rectangle]

AddCell: Add a styled cell to a table. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

- key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
- key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)
- key: data, default: null, value: null, text value: null, class: class java.lang.String, no help
- key: styleclass, default: null, value: null, text value: null, class: class [Ljava.lang.String;, no help
- able to style: [class com.itextpdf.text.pdf.PdfPTable]

FieldFont: Font for a form field. base class for styling form fields to pdf. Draw graphics at a certain position or near text or an image. Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

- key: shadowcolor, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color of the dropshadow, default black
- key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE
- key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])
- key: height, default: 0.0, value: null, text value: null, class: class java.lang.Float, the height of the field
- key: values, default: null, value: null, text value: null, class: class [Ljava.lang.String;, the value(s) for the form field
- key: style, default: normal, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Font\$STYLE, style for a font[normal, bold, italic, underline, strike, bolditalic]

key: family, default: Helvetica, value: null, text value: null, class: class java.lang.String, alias for based on which a font is retrieved (preferred over style)

key: shadow, default: false, value: null, text value: null, class: class java.lang.Boolean, do we draw a dropshadow

key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]

key: name, default: null, value: null, text value: null, class: class java.lang.String, the name of the form field

key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque

key: whichever, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$EVENTMODE, which event to use this styler for [TEXT, TABLE, CELL, ALL, NONE]

key: shadowopacity, default: 0.3, value: null, text value: null, class: class java.lang.Float, opacity for the shadow, default 0.3

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: fieldtype, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.FormFieldStyler\$FIELDTYPE, [TEXT, COMBO, LIST, CHECKBOX, RADIO, BUTTON]

key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position

key: usepadding, default: true, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account

key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position

key: shadowy, default: -5.669, value: null, text value: null, class: class java.lang.Float, y offset of the shadow, default -2mm

key: shadowx, default: 5.669, value: null, text value: null, class: class java.lang.Float, x offset of the shadow, default 2mm

key: width, default: 0.0, value: null, text value: null, class: class java.lang.Float, the width of the field

key: url, default: null, value: null, text value: null, class: class java.net.URL, the url for posting

key: size, default: 12.0, value: null, text value: null, class: class java.lang.Float, fontsize

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: color, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, #rgb

key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report

key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background

key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use

able to style: [class com.itextpdf.text.pdf.PdfPCell]

Padding: Specify padding for cells. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: position, default: TRBL, value: null, text value: null, class: class com.vectorprint.report.itext.style.BaseStyler\$POSITION, [TOP, RIGHT, BOTTOM, LEFT, TRBL, LR, LRB, LRT, LB, LBT, LT, RB, RBT, RT, BT, NONE]

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: padding, default: 1.0, value: null, text value: null, class: class java.lang.Float, padding

able to style: [class com.itextpdf.text.pdf.PdfPCell]

SimpleColumns: Create columns in your report. Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: writecount, default: -1, value: null, text value: null, class: class java.lang.Integer, after how many pieces of content added to the columns should we write to the document

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: spaceafter, default: 0.0, value: null, text value: null, class: class java.lang.Float, space after columns

key: usepadding, default: false, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account

key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position

key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position

key: columns, default: 2, value: null, text value: null, class: class java.lang.Integer, number of columns

key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE

key: spacing, default: 7.087, value: null, text value: null, class: class java.lang.Float, space between columns

key: mode, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.SimpleColumns\$MODE, text mode supports Chunk and Phrase, composite also supports PdfPTable, List, Paragraph and Image

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])

key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report

key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]

key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background

key: bottom, default: 0.0, value: null, text value: null, class: class java.lang.Float, bottom columns defaults to bottom margin

key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque

key: left, default: 0.0, value: null, text value: null, class: class java.lang.Float, left of first column defaults to left margin

key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use

key: spacebefore, default: 0.0, value: null, text value: null, class: class java.lang.Float, space before columns

key: right, default: 0.0, value: null, text value: null, class: class java.lang.Float, right of last column defaults to right margin

key: whichevent, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$EVENTMODE, which event to use this styler for [TEXT, TABLE, CELL, ALL, NONE]

key: top, default: 0.0, value: null, text value: null, class: class java.lang.Float, top of the columns defaults to top margin

able to style: [class com.itextpdf.text.pdf.ColumnText]

creates supported Class

Rotation: Specify rotation of a cell. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: rotation, default: 0, value: null, text value: null, class: class java.lang.Integer, 0, 90, 180 or 270

able to style: [class com.itextpdf.text.pdf.PdfPCell]

Shape: Draw a shape at a position or near text or an image. Draw graphics at a certain position or near text or an image. Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: shadowcolor, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color of the dropshadow, default black

key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE

key: SHAPE, default: null, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Shape\$SHAPE, [rectangle, roundrectangle, ellipse, free, bezier]

key: padding, default: 0.0, value: null, text value: null, class: class java.lang.Float, padding for enclosing shape

key: close, default: true, value: null, text value: null, class: class java.lang.Boolean, connect first and last point

key: bordercolor, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color

key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])

3, TRANSLATEX: 4, TRANSLATEY: 5])

- key: height, default: 0.0, value: null, text value: null, class: class java.lang.Float, float
- key: shadow, default: false, value: null, text value: null, class: class java.lang.Boolean, do we draw a dropshadow
- key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]
- key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque
- key: points, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, line and free shapes
- key: rounded, default: true, value: null, text value: null, class: class java.lang.Boolean, rounded line connections
- key: whichever, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$EVENTMODE, which event to use this style for [TEXT, TABLE, CELL, ALL, NONE]
- key: shadowopacity, default: 0.3, value: null, text value: null, class: class java.lang.Float, opacity for the shadow, default 0.3
- key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
- key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position
- key: usepadding, default: false, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account
- key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position
- key: shadowy, default: -5.669, value: null, text value: null, class: class java.lang.Float, y offset of the shadow, default -2mm
- key: shadowx, default: 5.669, value: null, text value: null, class: class java.lang.Float, x offset of the shadow, default 2mm
- key: width, default: 0.0, value: null, text value: null, class: class java.lang.Float, float
- key: fill, default: true, value: null, text value: null, class: class java.lang.Boolean, fill shapes or not
- key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)
- key: borderwidth, default: 0.0, value: null, text value: null, class: class java.lang.Float, float
- key: color, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color
- key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report
- key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background
- key: enclosing, default: false, value: null, text value: null, class: class java.lang.Boolean, enclosing shape rectangle, ellipse
- key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use
- key: radius, default: 2.0, value: null, text value: null, class: class java.lang.Float, for rounded corners

able to style: [interface com.itextpdf.text.Element]

ColRowSpan: Let cells span rows and / or columns. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

- key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
- key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)
- key: rowspan, default: 1, value: null, text value: null, class: class java.lang.Integer, how many rows to span
- key: colspan, default: 1, value: null, text value: null, class: class java.lang.Integer, how many columns to span

able to style: [class com.itextpdf.text.pdf.PdfPCell]

SVG: Draw an image at a position or near text or an image. Draw graphics at a certain position or near text or an image. Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

- key: scale, default: 100.0, value: null, text value: null, class: class java.lang.Float, scales your image (percentage)
- key: dostyle, default: false, value: null, text value: null, class: class java.lang.Boolean, when true be part of regular styling
- key: shadowcolor, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color of the dropshadow, default black
- key: rotate, default: 0.0, value: null, text value: null, class: class java.lang.Float, rotates your image (degrees)

key: pdf, default: false, value: null, text value: null, class: class java.lang.Boolean, is image a pdf

key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE

key: password, default: null, value: null, text value: null, class: class [B, password for a pdf

key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])

key: height, default: 50.0, value: null, text value: null, class: class java.lang.Float, width of the svg

key: shadow, default: false, value: null, text value: null, class: class java.lang.Boolean, do we draw a dropshadow

key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]

key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque

key: whichever, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$EVENTMODE, which event to use this styler for [TEXT, TABLE, CELL, ALL, NONE]

key: shadowopacity, default: 0.3, value: null, text value: null, class: class java.lang.Float, opacity for the shadow, default 0.3

key: tiff, default: false, value: null, text value: null, class: class java.lang.Boolean, is image a tiff

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position

key: usepadding, default: false, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account

key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position

key: shadowy, default: -5.669, value: null, text value: null, class: class java.lang.Float, y offset of the shadow, default -2mm

key: shadowx, default: 5.669, value: null, text value: null, class: class java.lang.Float, x offset of the shadow, default 2mm

key: width, default: 50.0, value: null, text value: null, class: class java.lang.Float, width of the svg

key: url, default: null, value: null, text value: null, class: class java.net.URL, url

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report

key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background

key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use

able to style: [interface com.itextpdf.text.Element]

creates supported Class

Barcode: Draw a barcode at a position or near text or an image. Draw an image at a position or near text or an image. Draw graphics at a certain position or near text or an image. Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: scale, default: 100.0, value: null, text value: null, class: class java.lang.Float, scales your image (percentage)

key: dostyle, default: false, value: null, text value: null, class: class java.lang.Boolean, when true be part of regular styling

key: shadowcolor, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color of the dropshadow, default black

key: rotate, default: 0.0, value: null, text value: null, class: class java.lang.Float, rotates your image (degrees)

key: pdf, default: false, value: null, text value: null, class: class java.lang.Boolean, is image a pdf

key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE

key: password, default: null, value: null, text value: null, class: class [B, password for a pdf

key: minbarwidth, default: 2.835, value: null, text value: null, class: class java.lang.Float, minimal width of bars

key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])

key: family, default: null, value: null, text value: null, class: class com.vectorprint.report.itext.style.parameters.BaseFontWrapper, alias of text font

key: shadow, default: false, value: null, text value: null, class: class java.lang.Boolean, do we draw a dropshadow

key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]

key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque

key: whichevent, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$EVENTMODE, which event to use this styler for [TEXT, TABLE, CELL, ALL, NONE]

key: shadowopacity, default: 0.3, value: null, text value: null, class: class java.lang.Float, opacity for the shadow, default 0.3

key: codetype, default: EAN13, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Barcode\$BARCODE, type of the barcode: [EAN8, EAN13, UPCA, UPCE, CODE128, CODE128UCC, CODE128RAW, PLANET, POSTNET]

key: tiff, default: false, value: null, text value: null, class: class java.lang.Boolean, is image a tiff

key: barheight, default: 28.346, value: null, text value: null, class: class java.lang.Float, height of bars

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position

key: usepadding, default: false, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account

key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position

key: shadowy, default: -5.669, value: null, text value: null, class: class java.lang.Float, y offset of the shadow, default -2mm

key: shadowx, default: 5.669, value: null, text value: null, class: class java.lang.Float, x offset of the shadow, default 2mm

key: barcolor, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color of bars

key: url, default: null, value: null, text value: null, class: class java.net.URL, url

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: txtcolor, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color of text

key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report

key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background

key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use

key: fontsize, default: 8.0, value: null, text value: null, class: class java.lang.Float, size of text

able to style: [interface com.itextpdf.text.Element]

creates supported Class

Spacing: Specify spacing for paragraphs, tables or images. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: spaceafter, default: 0.0, value: null, text value: null, class: class java.lang.Float, float

key: spacebefore, default: 0.0, value: null, text value: null, class: class java.lang.Float, float

able to style: [class com.itextpdf.text.Image, class com.itextpdf.text.pdf.PdfPTable, class com.itextpdf.text.Paragraph]

DocumentSettings: Manipulate document settings i.e. margins, size, signing, etc.. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: keystorepassword, default: null, value: null, text value: null, class: class [C, the password for the signing keystore and key

key: tocrightwidth, default: 0.1, value: null, text value: null, class: class java.lang.Float, width percentage of the right column in table of contents

key: toc, default: false, value: null, text value: null, class: class java.lang.Boolean, print table of contents

key: digestalgorithm, default: SHA1, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.DocumentSettings\$DIGESTALGORITHM, the algorithm for a signature: [SHA1, SHA256, SHA384, SHA512]

key: margin\_bottom, default: 0.0, value: null, text value: null, class: class java.lang.Float, float

key: subject, default: , value: null, text value: null, class: class java.lang.String, a subject for the document

key: password, default: null, value: null, text value: null, class: class [B, a password for the document and permissions

key: appendtoc, default: false, value: null, text value: null, class: class java.lang.Boolean, print table of contents at the end of the document



key: crop, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, llx, lly, urx, ury for this pdf box

key: creator, default: VectorPrint, value: null, text value: null, class: class java.lang.String, creator

key: tocmaxdepth, default: 0, value: null, text value: null, class: class java.lang.Integer, the maximum depth to show in the table of contents

key: margin\_top, default: 0.0, value: null, text value: null, class: class java.lang.Float, float

key: author, default: , value: null, text value: null, class: class java.lang.String, author

key: userpassword, default: null, value: null, text value: null, class: class [B, a user password for the document and permissions

key: certificate, default: null, value: null, text value: null, class: class java.net.URL, the certificate to use for document encryption and permissions

key: title, default: , value: null, text value: null, class: class java.lang.String, a title for the document

key: height, default: 841.89, value: null, text value: null, class: class java.lang.Float, float

key: tocdots, default: true, value: null, text value: null, class: class java.lang.Boolean, print dots between titles and page numbers in the table of contents

key: encryption, default: null, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.DocumentSettings\$ENCRYPTION, type of encryption to use when protecting with a password or a certificate: [ENC40, ENC128, ENC128AES]

key: keystore, default: null, value: null, text value: null, class: class java.net.URL, the keystore (.p12, .pfx, .jks) to use for document signing

key: permissions, default: 0, value: null, text value: null, class: class java.lang.Integer, permissions for the pdf, use in conjunction with password / encryption: [PRINT, ASSEMBLY, COPY, DEGRADEDPRINT, FILLIN, ANNOTATE, CHANGE, SCREEN, ALL]

key: pdfa, default: false, value: null, text value: null, class: class java.lang.Boolean, wordt dit een pdf die voldoet aan de PDF/X-1a standaard

key: trim, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, llx, lly, urx, ury for this pdf box

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: keywords, default: , value: null, text value: null, class: class java.lang.String, comma separated keywords for the document

key: tocleftrightwidth, default: 0.9, value: null, text value: null, class: class java.lang.Float, width percentage of the left column in table of contents

key: art, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, llx, lly, urx, ury for this pdf box

key: width, default: 595.276, value: null, text value: null, class: class java.lang.Float, float

key: ownerpassword, default: null, value: null, text value: null, class: class [B, an owner password for the owner of document and permissions

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: keystoretype, default: pkcs12, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.DocumentSettings\$KEYSTORETYPE, the type of the signing certificate: [jks, pkcs12]

key: bleed, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, llx, lly, urx, ury for this pdf box

key: margin\_right, default: 0.0, value: null, text value: null, class: class java.lang.Float, float

key: margin\_left, default: 0.0, value: null, text value: null, class: class java.lang.Float, float

able to style: [class com.itextpdf.text.Document]

Alignment: Alignment for paragraphs and cells. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: align, default: null, value: null, text value: null, class: class com.vectorprint.report.itext.style.BaseStyler\$ALIGN, [LEFT\_TOP, LEFT\_MIDDLE, LEFT, LEFT\_BOTTOM, RIGHT\_TOP, RIGHT\_MIDDLE, RIGHT, RIGHT\_BOTTOM, CENTER\_TOP, CENTER\_MIDDLE, CENTER\_BOTTOM]

able to style: [class com.itextpdf.text.pdf.PdfPCell, class com.itextpdf.text.Paragraph]

AdvancedImpl: Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: usepadding, default: false, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account

key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position

key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position

key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])

key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report

key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]

key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background

key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque

key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use

key: whichevent, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$EVENTMODE, which event to use this styler for [TEXT, TABLE, CELL, ALL, NONE]

able to style: [interface com.itextpdf.text.Element]

Table: Specify settings and create a table. Specify spacing for paragraphs, tables or images. Supports conditional styling and limiting styling to certain iText classes. parameters available:

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: spaceafter, default: 0.0, value: null, text value: null, class: class java.lang.Float, float

key: headerrows, default: 0, value: null, text value: null, class: class java.lang.Integer, integer

key: relativewidth, default: 100, value: null, text value: null, class: class java.lang.Integer, integer

key: columns, default: 2, value: null, text value: null, class: class java.lang.Integer, integer

key: widths, default: [Ljava.lang.Float;@704f8e8e, value: null, text value: null, class: class [Ljava.lang.Float;, float / float[] (1.2|1.3|...)

key: footerrows, default: 0, value: null, text value: null, class: class java.lang.Integer, integer

key: spacebefore, default: 0.0, value: null, text value: null, class: class java.lang.Float, float

able to style: [class com.itextpdf.text.pdf.PdfPTable]

creates supported Class

FieldBackground: Background color of a form field. base class for styling form fields to pdf. Draw graphics at a certain position or near text or an image. Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: fieldtype, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.FormFieldStyler\$FIELDTYPE, [TEXT, COMBO, LIST, CHECKBOX, RADIO, BUTTON]

key: usepadding, default: true, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account

key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position

key: shadowcolor, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color of the dropshadow, default black

key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position

key: shadowy, default: -5.669, value: null, text value: null, class: class java.lang.Float, y offset of the shadow, default -2mm

key: shadowx, default: 5.669, value: null, text value: null, class: class java.lang.Float, x offset of the shadow, default 2mm

key: width, default: 0.0, value: null, text value: null, class: class java.lang.Float, the width of the field

key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE

key: url, default: null, value: null, text value: null, class: class java.net.URL, the url for posting

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])

key: values, default: null, value: null, text value: null, class: class [Ljava.lang.String;, the value(s) for the form field

key: height, default: 0.0, value: null, text value: null, class: class java.lang.Float, the height of the field

key: color, default: null, value: null, text value: null, class: class java.awt.Color, #rgb

key: shadow, default: false, value: null, text value: null, class: class java.lang.Boolean, do we draw a dropshadow

key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report

key: name, default: null, value: null, text value: null, class: class java.lang.String, the name of the form field

key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]

key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background

key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque

key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use

key: whichevent, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$EVENTMODE, which event to use this styler for [TEXT, TABLE, CELL, ALL, NONE]

key: shadowopacity, default: 0.3, value: null, text value: null, class: class java.lang.Float, opacity for the shadow, default 0.3

able to style: [class com.itextpdf.text.pdf.PdfPCell]

ImageAlign: Align an image in a cell. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: align, default: CENTER\_MIDDLE, value: null, text value: null, class: class com.vectorprint.report.itext.style.BaseStyler\$ALIGN, [LEFT\_TOP, LEFT\_MIDDLE, LEFT, LEFT\_BOTTOM, RIGHT\_TOP, RIGHT\_MIDDLE, RIGHT, RIGHT\_BOTTOM, CENTER\_TOP, CENTER\_MIDDLE, CENTER\_BOTTOM]

key: width, default: -1.0, value: null, text value: null, class: class java.lang.Float, width of cell

able to style: [class com.itextpdf.text.pdf.PdfPCell]

ListItem: Specify the looks of an item in a list. Font definition for text. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: symbolimage, default: null, value: null, text value: null, class: class java.net.URL, image to use as symbol for a list with symbols

key: symbol, default: - , value: null, text value: null, class: class java.lang.String, text to use as symbol for a list with symbols

key: style, default: normal, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Font\$STYLE, style for a retrieved font[normal, bold, italic, underline, strike, bolditalic]

key: color, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, #rgb

key: family, default: Helvetica, value: null, text value: null, class: class java.lang.String, alias for based on which a font is retrieved (preferred over style)

key: encoding, default: WINANSI, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Font\$ENCODING, encoding for a retrieved font[IDENTITY\_H, WINANSI, CP1252]

key: size, default: 12.0, value: null, text value: null, class: class java.lang.Float, fontsize

able to style: [class com.itextpdf.text.ListItem]

**FieldBorder:** Border of a form field. base class for styling form fields to pdf. Draw graphics at a certain position or near text or an image. Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

- key: position, default: NONE, value: null, text value: null, class: class com.vectorprint.report.itext.style.BaseStyler\$POSITION, [TOP, RIGHT, BOTTOM, LEFT, TRBL, LR, LRB, LRT, LB, LBT, LT, RB, RBT, RT, BT, NONE]
  - key: shadowcolor, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color of the dropshadow, default black
  - key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE
  - key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])
  - key: height, default: 0.0, value: null, text value: null, class: class java.lang.Float, the height of the field
  - key: values, default: null, value: null, text value: null, class: class [Ljava.lang.String;, the value(s) for the form field
  - key: shadow, default: false, value: null, text value: null, class: class java.lang.Boolean, do we draw a dropshadow
  - key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]
  - key: name, default: null, value: null, text value: null, class: class java.lang.String, the name of the form field
  - key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque
  - key: whichevent, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$EVENTMODE, which event to use this styler for [TEXT, TABLE, CELL, ALL, NONE]
  - key: shadowopacity, default: 0.3, value: null, text value: null, class: class java.lang.Float, opacity for the shadow, defaultlt 0.3
  - key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
  - key: borderstyle, default: SOLID, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.FieldBorder\$BORDERSTYLE, style of the field border
  - key: fieldtype, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.FormFieldStyler\$FIELDTYPE, [TEXT, COMBO, LIST, CHECKBOX, RADIO, BUTTON]
  - key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position
  - key: usepadding, default: true, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account
  - key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position
  - key: shadowy, default: -5.669, value: null, text value: null, class: class java.lang.Float, y offset of the shadow, default -2mm
  - key: shadowx, default: 5.669, value: null, text value: null, class: class java.lang.Float, x offset of the shadow, default 2mm
  - key: width, default: 0.0, value: null, text value: null, class: class java.lang.Float, the width of the field
  - key: url, default: null, value: null, text value: null, class: class java.net.URL, the url for posting
  - key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)
  - key: borderwidth, default: 0.0, value: null, text value: null, class: class java.lang.Float, borderwidth
  - key: color, default: null, value: null, text value: null, class: class java.awt.Color, #rgb
  - key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report
  - key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background
  - key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use
- able to style: [class com.itextpdf.text.pdf.PdfPCell]

**Image:** Draw an image at a position or near text or an image. Draw graphics at a certain position or near text or an image. Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

- key: scale, default: 100.0, value: null, text value: null, class: class java.lang.Float, scales your image (percentage)
- key: dostyle, default: false, value: null, text value: null, class: class java.lang.Boolean, when true be part of regular styling

key: shadowcolor, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color of the dropshadow, default black

key: rotate, default: 0.0, value: null, text value: null, class: class java.lang.Float, rotates your image (degrees)

key: pdf, default: false, value: null, text value: null, class: class java.lang.Boolean, is image a pdf

key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE

key: password, default: null, value: null, text value: null, class: class [B, password for a pdf

key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])

key: shadow, default: false, value: null, text value: null, class: class java.lang.Boolean, do we draw a dropshadow

key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]

key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque

key: whichevent, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$EVENTMODE, which event to use this styler for [TEXT, TABLE, CELL, ALL, NONE]

key: shadowopacity, default: 0.3, value: null, text value: null, class: class java.lang.Float, opacity for the shadow, default 0.3

key: tiff, default: false, value: null, text value: null, class: class java.lang.Boolean, is image a tiff

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position

key: usepadding, default: false, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account

key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position

key: shadowy, default: -5.669, value: null, text value: null, class: class java.lang.Float, y offset of the shadow, default -2mm

key: shadowx, default: 5.669, value: null, text value: null, class: class java.lang.Float, x offset of the shadow, default 2mm

key: url, default: null, value: null, text value: null, class: class java.net.URL, url

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report

key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background

key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use

able to style: [interface com.itextpdf.text.Element]

creates supported Class

Link: Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: goto, default: null, value: null, text value: null, class: class java.lang.String, an internal destination to goto

key: url, default: null, value: null, text value: null, class: class java.net.URL, an external destination to open

key: anchor, default: null, value: null, text value: null, class: class java.lang.String, an internal anchor to assign

able to style: [class com.itextpdf.text.Chunk]

Height: Height of phrases or cells. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: height, default: 0.0, value: null, text value: null, class: class java.lang.Float, leading for text, set fixed height for cells  
able to style: [class com.itextpdf.text.Phrase, class com.itextpdf.text.pdf.PdfPCell]

Text: Draw text at a position or near text or an image. Draw graphics at a certain position or near text or an image. Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: usepadding, default: false, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account

key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position

key: shadowcolor, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, color of the dropshadow, default black

key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position

key: rotate, default: 0.0, value: null, text value: null, class: class java.lang.Float, float

key: shadowy, default: -5.669, value: null, text value: null, class: class java.lang.Float, y offset of the shadow, default -2mm

key: shadowx, default: 5.669, value: null, text value: null, class: class java.lang.Float, x offset of the shadow, default 2mm

key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE

key: size, default: 12, value: null, text value: null, class: class java.lang.Integer, fontsize

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])

key: color, default: java.awt.Color[r=0,g=0,b=0], value: null, text value: null, class: class java.awt.Color, #rgb

key: family, default: Helvetica, value: null, text value: null, class: class java.lang.String, string

key: shadow, default: false, value: null, text value: null, class: class java.lang.Boolean, do we draw a dropshadow

key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report

key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]

key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background

key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque

key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use

key: whichevent, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$EVENTMODE, which event to use this styler for [TEXT, TABLE, CELL, ALL, NONE]

key: shadowopacity, default: 0.3, value: null, text value: null, class: class java.lang.Float, opacity for the shadow, default 0.3

able to style: [interface com.itextpdf.text.Element]

NewLine: start a new line before or after some content. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)

able to style: [interface com.itextpdf.text.Element]

Indent: Specify indentation for paragraphs, sections, cells, etc.. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.

key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling

conditions)

- key: indentleft, default: 0.0, value: null, text value: null, class: class java.lang.Float, float
- key: indentright, default: 0.0, value: null, text value: null, class: class java.lang.Float, float
- key: indent, default: 0.0, value: null, text value: null, class: class java.lang.Float, float

able to style: [class com.itextpdf.text.ListItem, class com.itextpdf.text.pdf.PdfPCell, class com.itextpdf.text.Paragraph, class com.itextpdf.text.Section, class com.itextpdf.text.List]

Background: Background color for rectangles. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

- key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
- key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)
- key: color, default: null, value: null, text value: null, class: class java.awt.Color, #rgb

able to style: [class com.itextpdf.text.Rectangle]

Shadow: Draw a drop shadow for text. Supports advanced effects (transform, transparency, etc.) and direct drawing from code. Supports conditional styling and limiting styling to certain iText classes.

parameters available:

- key: styleafteradding, default: false, value: null, text value: null, class: class java.lang.Boolean, call the style method after an element is added to the document, default is to call it before addition.
- key: usepadding, default: false, value: null, text value: null, class: class java.lang.Boolean, when true take padding of a cell into account
- key: shifty, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift y from a known position
- key: shiftx, default: 0.0, value: null, text value: null, class: class java.lang.Float, how much do we shift x from a known position
- key: data, default: null, value: null, text value: null, class: class java.lang.String, Textual data, input for conversion to: DATATYPE
- key: conditions, default: null, value: null, text value: null, class: class java.lang.String, each element should point to a property declaring one or more styling conditions)
- key: transform, default: null, value: null, text value: null, class: class [Ljava.lang.Float;, transformation matrix (6 values: [SCALEX: 0, SHEARX: 1, SHEARY: 2, SCALEY: 3, TRANSLATEX: 4, TRANSLATEY: 5])
- key: color, default: null, value: null, text value: null, class: class java.awt.Color, #rgb: shadow color (default is font color)
- key: dynamicdata, default: false, value: null, text value: null, class: class java.lang.Boolean, when true override (static) DATA with (dynamic) data added to the report
- key: blend, default: NORMAL, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$BLENDMODE, how to blend layers: [OVERLAY, BURN, DODGE, DARKEN, LIGHTEN, COMPATIBLE, MULTIPLY, DIFF, EXCLUDE, HARDLIGHT, SOFTLIGHT, SCREEN, NORMAL]
- key: background, default: false, value: null, text value: null, class: class java.lang.Boolean, draw on background
- key: opacity, default: 1.0, value: null, text value: null, class: class java.lang.Float, 0 for fully transparent, 1 for fully opaque
- key: layername, default: null, value: null, text value: null, class: class java.lang.String, name of the layer to use
- key: whichevent, default: TEXT, value: null, text value: null, class: class com.vectorprint.report.itext.style.stylers.Advanced\$EVENTMODE, which event to use this styler for [TEXT, TABLE, CELL, ALL, NONE]

able to style: [class com.itextpdf.text.Chunk, interface com.itextpdf.text.TextElementArray]

Overview of stylers available per iText Class (and its subclasses)

stylers for Phrase: [Leading](#), [Height](#),  
stylers for Element: [Image](#), [Page](#), [ImportPdf](#), [Text](#), [AdvancedImpl](#), [Shape](#), [SVG](#), [Barcode](#), [ImportTiff](#), [NewLine](#), [NewPage](#),  
stylers for Image: [Spacing](#),  
stylers for PdfPTable: [Spacing](#), [Zebra](#), [AddCell](#), [Table](#), [KeepTogether](#),  
stylers for List: [List](#), [Indent](#),  
stylers for Document: [DocumentSettings](#),

stylers for ColumnText: [SimpleColumns](#),  
stylers for ListItem: [Leading](#), [Height](#), [Indent](#), [ListItem](#),  
stylers for Rectangle: [Border](#), [Background](#),  
stylers for PdfPCell: [NoWrap](#), [Height](#), [FieldFont](#), [Padding](#), [Rotation](#), [Alignment](#), [ColRowSpan](#), [FieldBackground](#), [Indent](#), [ImageAlign](#), [FieldBorder](#),  
stylers for Chunk: [NoWrap](#), [Link](#), [Underline](#), [Font](#), [Shadow](#),  
stylers for Paragraph: [Spacing](#), [Leading](#), [Height](#), [Alignment](#), [KeepTogether](#), [Indent](#),  
stylers for Section: [Indent](#),  
stylers for TextElementArray: [Underline](#), [Font](#), [Shadow](#),

Available conditions for stylers that can be configured in a properties file, together with parameters that may be used.-----  
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All parameters mentioned below can take defaults through properties in the form <(Parent)Class.getSimpleName().parameterName>=<value>

ElementCondition: Only style certain iText elements. condition to determine when to style or not

parameters available:

key: simpleClassRegex, default: null, value: null, text value: null, class: class java.util.regex.Pattern, regex to determine which elements should be styled

PageNumberCondition: Only style on certain pages. Only style when a numeric condition is met. condition to determine when to style or not

parameters available:

key: even, default: false, value: null, text value: null, class: class java.lang.Boolean, number should be even

key: greater, default: false, value: null, text value: null, class: class java.lang.Boolean, number should be greater than the first one provided

key: odd, default: false, value: null, text value: null, class: class java.lang.Boolean, number should be odd

key: numbers, default: null, value: null, text value: null, class: class [Ljava.lang.Double;, the numbers to compare to

key: between, default: false, value: null, text value: null, class: class java.lang.Boolean, number should be between the first and the second one provided

key: lesser, default: false, value: null, text value: null, class: class java.lang.Boolean, number should be lesser than the first one provided

DataNotNullCondition: Don't style without any data. condition to determine when to style or not

parameters available:

NumberCondition: Only style when a numeric condition is met. condition to determine when to style or not

parameters available:

key: even, default: false, value: null, text value: null, class: class java.lang.Boolean, number should be even

key: greater, default: false, value: null, text value: null, class: class java.lang.Boolean, number should be greater than the first one provided

key: odd, default: false, value: null, text value: null, class: class java.lang.Boolean, number should be odd

key: numbers, default: null, value: null, text value: null, class: class [Ljava.lang.Double;, the numbers to compare to

key: between, default: false, value: null, text value: null, class: class java.lang.Boolean, number should be between the first and the second one provided

key: lesser, default: false, value: null, text value: null, class: class java.lang.Boolean, number should be lesser than the first one provided

StyleCountCondition: Only style a certain amount of times. condition to determine when to style or not

parameters available:

key: number, default: 0, value: null, text value: null, class: class java.lang.Integer, number of executions

RegexCondition: only style when a regular expression is found in the data. condition to determine when to style or not

parameters available:

key: regex, default: null, value: null, text value: null, class: class java.util.regex.Pattern, regex, must be present in the data