rinohtype

Reference Guide

Release 0.5.3

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rinoh 1

Render a structured document to PDF.

```
usage: rinoh [-h] [-f FORMAT] [-o OPTION=VALUE] [-t NAME or FILENAME]
             [-s NAME or FILENAME] [-O FILENAME or DIRECTORY] [-p PAPER] [-i]
             [--list-templates] [--list-stylesheets] [--list-fonts
[FILENAME]]
             [--list-formats] [--list-options FRONTEND] [--version] [--docs]
             [input]
```

input
the document to render

-h, **--help**
show this help message and exit

-f <format>, **--format** <format>
the format of the input file (default: autodetect)

-o <option=value>, **--option** <option=value>
options to be passed to the input file reader

-t <name or filename>, **--template** <name or filename>
the document template or template configuration file to use (default: article)

-s <name or filename>, **--stylesheet** <name or filename>
the style sheet used to style the document elements (default: the template's default)

-O <filename or directory>, **--output** <filename or directory>
write the PDF output to FILENAME or to an existing DIRECTORY with a filename derived from the input filename (default: the current working directory)

-p <paper>, **--paper** <paper>
the paper size to render to (default: the template's default)

-i, **--install-resources**
automatically install missing resources (fonts, templates, style sheets) from PyPI

--list-templates
list the installed document templates and exit

--list-stylesheets
list the installed style sheets and exit

--list-fonts <filename>
list the installed fonts or, if FILENAME is given, write a PDF file displaying all the fonts

--list-formats
list the supported input formats and exit

--list-options <frontend>
list the options supported by the given frontend and exit

--version
show program's version number and exit

--docs
open the online documentation in the default browser

Sphinx Builder 2

`rinoh.frontent.sphinx` is a Sphinx extension module. It provides a Sphinx builder with the name *rinoh*. The builder recognizes the following `conf.py` options. Of these, only `rinoh_documents` (or `latex_documents`) is required.

`rinoh_documents`
Determines which PDF documents to build. Its format is a list of dictionaries, one for each document to be generated. The supported keys for these dictionaries are listed below. Two of them are required:

doc (required)
String that specifies the name of the master document (typically `index`).

target (required)
The name of the target PDF file without the extension.

The following keys allow overriding the content included on the document's title page and page headers/footers (depending on the template and its configuration). The values for text content can be plain text or `StyledText`.

logo (no default)
Path (absolute or relative to the location of the `conf.py` file) to an image file, typically included on the title page.

title (default: "`project` documentation")
The title of the document.

subtitle (default: "Release `release`")
Subtitle of the document.

author (default: "`author`")
The document's author.

date (default: determined from `today` and `today_fmt`)
The document (build) date.

The remaining keys control what is included in the document and the document template (configuration) to use.

toctree_only (default: `False`)
Must be `True` or `False`. If true, the document itself is not included in the output, only the documents referenced by it via TOC trees.

domain_indices (default: `True`)
If true, generate domain-specific indices in addition to the general index. It is equivalent to the `html_domain_indices` and `latex_domain_indices` configuration variables.

template (default: `Book`)
Determines the template used to render the document. It takes:

- the filename of a template configuration file,
- a `TemplateConfiguration` instance,

- the name of an installed template (see `rinoh --list-templates`), or
- a `DocumentTemplate` subclass

rinoh_documents will also accept other keys than those listed above. These items will be available as document metadata and can be used in a custom document template.
Example:

```
rinoh_documents = [
    dict(doc='index', target='manual', toctree_only=False,
         template='manual.rtt', logo='logo.pdf'),
    dict(doc='ref', target='reference', title='Reference Manual',
         template='reference.rtt', stamp='DRAFT'),
]
```

rinoh_targets

Limits rendering to the specified set of targets. This variable accepts either a list of strings or a string containing comma-separated values. The target names should match those set in `rinoh_documents`.
To render only the 'manual' target, you can set the following in `conf.py`:

```
rinoh_targets = ['manual']
```

The same can be achieved from the command line using the by using the string form with `sphinx-build -D`:

```
spinx-build -b rinoh -D rinoh_targets="manual" source build
```

2.1 Legacy Configuration Variables

The configuration variables below are no longer supported. Instead, their functionality can now be configured per document in `rinoh_documents`.

rinoh_template

This configuration variable is **no longer supported** since the document template can be specified in `rinoh_documents` entries.

rinoh_stylesheet

This configuration variable is **no longer supported** since it is not obvious which style sheet will be used when the template configuration also specifies a style sheet. Please specify the style sheet to use in your template configuration file:

```
[TEMPLATE_CONFIGURATION]
name = My Book
template = book
stylesheet = my_stylesheet.rts
```

rinoh_paper_size

This configuration variable is **no longer supported** since it was not obvious which paper size was being used when the template configuration (`rinoh_template`) also specified a paper size. Please specify the paper_size to use in your template configuration file:

```
[TEMPLATE_CONFIGURATION]
name = My Book
template = book

[VARIABLES]
```

```
paper_size = A5
```

rinoh_logo
: This configuration variable is **no longer supported** since the logo can be specified in the `rinoh_documents` entries.

rinoh_domain_indices
: This configuration variable is **no longer supported** since the domain_indices can be specified in the `rinoh_documents` entries.

rinoh_metadata
: This configuration variable is **no longer supported**. Metadata entries can now be added to `rinoh_documents` entries.

Style Sheets 3

3.1 Included Style Sheets

These style sheets are included with rinohtype:

`rinoh.stylesheets.`**`sphinx`**
: Mostly a copy of the LaTeX style included with Sphinx
Entry point name: `sphinx`

`rinoh.stylesheets.`**`sphinx_article`**
: The Sphinx stylesheet adjusted for the article template
Entry point name: `sphinx_article`

`rinoh.stylesheets.`**`sphinx_base14`**
: The Sphinx stylesheet, but using the fonts from the PDF core set (yielding smaller PDF files)
Entry point name: `sphinx_base14`

Additional style sheets can be installed from PyPI. The installed style sheets can be listed using `rinoh --list-stylesheets`.

3.2 Default Matcher

The default matcher provides the selectors for the styles used in the standard style sheets.

`rinoh.stylesheets.`**`matcher`**
: The default matcher defines the following styles
  - title page rule: `HorizontalRuleStyle`
  - title page logo: `FlowableStyle`
  - title page title: `ParagraphStyle`
  - title page subtitle: `ParagraphStyle`
  - title page author: `ParagraphStyle`
  - title page date: `ParagraphStyle`
  - title page extra: `ParagraphStyle`
  - front matter section title: `ParagraphStyle`
  - body matter chapter label: `ParagraphStyle`
  - body matter chapter number: `TextStyle`
  - body matter chapter title: `ParagraphStyle`
  - fallback: `TextStyle`
  - italic: `TextStyle`

- bold: `TextStyle`
- monospaced: `TextStyle`
- emphasis: `TextStyle`
- strong: `TextStyle`
- literal emphasis: `TextStyle`
- literal strong: `TextStyle`
- inline math: `TextStyle`
- quote: `TextStyle`
- file path: `TextStyle`
- keystrokes: `TextStyle`
- regular expression: `TextStyle`
- code with variable: `TextStyle`
- mail header: `TextStyle`
- MIME type: `TextStyle`
- newsgroup: `TextStyle`
- command: `TextStyle`
- make variable: `TextStyle`
- program: `TextStyle`
- man page: `TextStyle`
- window title: `TextStyle`
- UI control: `TextStyle`
- UI control accelerator: `TextStyle`
- menu cascade: `TextStyle`
- draft comment: `TextStyle`
- title reference: `TextStyle`
- error: `TextStyle`
- linked reference: `ReferenceStyle`
- external hyperlink: `TextStyle`
- broken hyperlink: `TextStyle`
- glossary inline definition: `TextStyle`
- body: `ParagraphStyle`
- code block: `ParagraphStyle`
- code block caption: `CaptionStyle`
- math block: `ParagraphStyle`
- attribution: `ParagraphStyle`
- centered: `ParagraphStyle`
- line block: `ParagraphStyle`
- block quote: `GroupedFlowablesStyle`
- chapter: `SectionStyle`
- content chapter: `SectionStyle`
- heading level 1: `HeadingStyle`
- unnumbered heading level 1: `HeadingStyle`
- heading level 2: `HeadingStyle`
- unnumbered heading level 2: `HeadingStyle`
- heading level 3: `HeadingStyle`
- unnumbered heading level 3: `HeadingStyle`
- heading level 4: `HeadingStyle`
- unnumbered heading level 4: `HeadingStyle`
- heading level 5: `HeadingStyle`
- unnumbered heading level 5: `HeadingStyle`
- other heading levels: `HeadingStyle`
- appendix: `SectionStyle`
- appendix heading level 1: `HeadingStyle`

- appendix heading level 2: `HeadingStyle`
- appendix heading level 3: `HeadingStyle`
- appendix heading level 4: `HeadingStyle`
- appendix heading level 5: `HeadingStyle`
- title: `ParagraphStyle`
- prerequisites: `GroupedFlowablesStyle`
- prerequisites title: `ParagraphStyle`
- post requirement: `GroupedFlowablesStyle`
- abstract: `GroupedFlowablesStyle`
- abstract paragraph: `ParagraphStyle`
- example: `GroupedFlowablesStyle`
- example title: `ParagraphStyle`
- topic: `GroupedFlowablesStyle`
- topic title: `ParagraphStyle`
- rubric: `ParagraphStyle`
- sidebar: `GroupedFlowablesStyle`
- sidebar title: `ParagraphStyle`
- sidebar subtitle: `ParagraphStyle`
- list item label: `ListItemLabelStyle`
- list item body: `GroupedFlowablesStyle`
- list item paragraph: `ParagraphStyle`
- enumerated list: `ListStyle`
- enumerated list item: `LabeledFlowableStyle`
- enumerated list item label: `ListItemLabelStyle`
- nested enumerated list: `ListStyle`
- (table) enumerated list: `ListStyle`
- (table) enumerated list item: `LabeledFlowableStyle`
- (table) enumerated list item label: `ListItemLabelStyle`
- bulleted list: `ListStyle`
- compact bulleted list: `ListStyle`
- bulleted list item: `LabeledFlowableStyle`
- bulleted list item label: `ListItemLabelStyle`
- nested bulleted list: `ListStyle`
- (table) bulleted list: `ListStyle`
- (table) bulleted list item: `LabeledFlowableStyle`
- (table) bulleted list item label: `ListItemLabelStyle`
- steps list: `ListStyle`
- steps list title: `ParagraphStyle`
- steps list item: `LabeledFlowableStyle`
- steps list item label: `ListItemLabelStyle`
- unordered steps list: `ListStyle`
- unordered steps list title: `ParagraphStyle`
- unordered steps list item: `LabeledFlowableStyle`
- unordered steps list item label: `ListItemLabelStyle`
- choices list: `ListStyle`
- choices list item: `LabeledFlowableStyle`
- choices list item label: `ListItemLabelStyle`
- definition list: `GroupedFlowablesStyle`
- definition list item: `LabeledFlowableStyle`
- definition term: `GroupedFlowablesStyle`
- definition term paragraph: `ParagraphStyle`
- definition term classifier: `TextStyle`
- definition: `GroupedFlowablesStyle`

- definition paragraph: `ParagraphStyle`
- related links: `GroupedFlowablesStyle`
- related links section title: `ParagraphStyle`
- related links list: `ListStyle`
- related links list item: `LabeledFlowableStyle`
- related links list item label: `ListItemLabelStyle`
- related links list item paragraph: `ReferencingParagraphStyle`
- related link title reference: `ReferenceStyle`
- related link page reference: `ReferenceStyle`
- related link number reference: `ReferenceStyle`
- related link reference: `ReferenceStyle`
- versionmodified: `TextStyle`
- object description: `LabeledFlowableStyle`
- object signatures: `GroupedFlowablesStyle`
- object signature: `ParagraphStyle`
- object name: `TextStyle`
- additional name part: `TextStyle`
- object type: `TextStyle`
- object returns: `TextStyle`
- object parentheses: `TextStyle`
- object parameter list: `TextStyle`
- object parameter: `TextStyle`
- object parameter (no emphasis): `TextStyle`
- object brackets: `TextStyle`
- object optional parameter: `TextStyle`
- object annotation: `TextStyle`
- object description content: `GroupedFlowablesStyle`
- object description content paragraph: `ParagraphStyle`
- production list: `GroupedFlowablesStyle`
- production: `LabeledFlowableStyle`
- token name: `ParagraphStyle`
- token definition: `ParagraphStyle`
- field list: `GroupedFlowablesStyle`
- field list item: `LabeledFlowableStyle`
- field name: `ParagraphStyle`
- option list: `GroupedFlowablesStyle`
- option list item: `LabeledFlowableStyle`
- option: `ParagraphStyle`
- option string: `TextStyle`
- option argument: `TextStyle`
- admonition: `AdmonitionStyle`
- admonition title: `ParagraphStyle`
- admonition inline title: `TextStyle`
- attention admonition: `AdmonitionStyle`
- attention admonition title: `ParagraphStyle`
- attention admonition inline title: `TextStyle`
- caution admonition: `AdmonitionStyle`
- caution admonition title: `ParagraphStyle`
- caution admonition inline title: `TextStyle`
- danger admonition: `AdmonitionStyle`
- danger admonition title: `ParagraphStyle`
- danger admonition inline title: `TextStyle`
- error admonition: `AdmonitionStyle`

- error admonition title: `ParagraphStyle`
- error admonition inline title: `TextStyle`
- hint admonition: `AdmonitionStyle`
- hint admonition title: `ParagraphStyle`
- hint admonition inline title: `TextStyle`
- important admonition: `AdmonitionStyle`
- important admonition title: `ParagraphStyle`
- important admonition inline title: `TextStyle`
- note admonition: `AdmonitionStyle`
- note admonition title: `ParagraphStyle`
- note admonition inline title: `TextStyle`
- tip admonition: `AdmonitionStyle`
- tip admonition title: `ParagraphStyle`
- tip admonition inline title: `TextStyle`
- warning admonition: `AdmonitionStyle`
- warning admonition title: `ParagraphStyle`
- warning admonition inline title: `TextStyle`
- seealso admonition: `AdmonitionStyle`
- seealso admonition title: `ParagraphStyle`
- seealso admonition inline title: `TextStyle`
- header: `ParagraphStyle`
- footer: `ParagraphStyle`
- footnote marker: `NoteMarkerStyle`
- citation marker: `NoteMarkerStyle`
- footnote paragraph: `ParagraphStyle`
- footnote label: `ParagraphStyle`
- image: `FlowableStyle`
- inline image: `InlineFlowableStyle`
- figure: `FigureStyle`
- figure image: `FlowableStyle`
- figure caption: `CaptionStyle`
- figure legend: `GroupedFlowablesStyle`
- figure legend paragraph: `ParagraphStyle`
- table of contents section: `SectionStyle`
- table of contents title: `HeadingStyle`
- table of contents: `TableOfContentsStyle`
- local table of contents: `TableOfContentsStyle`
- toc level 1: `TableOfContentsEntryStyle`
- toc level 2: `TableOfContentsEntryStyle`
- toc level 3: `TableOfContentsEntryStyle`
- L3 toc level 3: `TableOfContentsEntryStyle`
- toc entry number reference field: `ReferenceStyle`
- list of figures section: `SectionStyle`
- list of figures: `ListOfStyle`
- list of figures entry: `ListOfEntryStyle`
- list of tables section: `SectionStyle`
- list of tables: `ListOfStyle`
- list of tables entry: `ListOfEntryStyle`
- table: `TableStyle`
- table with caption: `TableWithCaptionStyle`
- table caption: `CaptionStyle`
- choices table: `TableStyle`
- table cell: `TableCellStyle`

- table body cell background on even row: `TableCellBackgroundStyle`
- table body cell background on odd row: `TableCellBackgroundStyle`
- table body cell paragraph: `ParagraphStyle`
- table first column paragraph: `ParagraphStyle`
- table body cell list item number: `ParagraphStyle`
- table head cell: `TableCellStyle`
- table head cell paragraph: `ParagraphStyle`
- table cell left border: `TableCellBorderStyle`
- table cell top border: `TableCellBorderStyle`
- table cell right border: `TableCellBorderStyle`
- table cell bottom border: `TableCellBorderStyle`
- table top border: `TableCellBorderStyle`
- table bottom border: `TableCellBorderStyle`
- table left border: `TableCellBorderStyle`
- table right border: `TableCellBorderStyle`
- table head cell left border: `TableCellBorderStyle`
- table head cell right border: `TableCellBorderStyle`
- table head bottom border: `TableCellBorderStyle`
- table head left border: `TableCellBorderStyle`
- table head right border: `TableCellBorderStyle`
- table body top border: `TableCellBorderStyle`
- table body left border: `TableCellBorderStyle`
- table body right border: `TableCellBorderStyle`
- horizontal rule: `HorizontalRuleStyle`
- index: `IndexStyle`
- index section label: `ParagraphStyle`
- level 1 index entry: `ParagraphStyle`
- level 2 index entry: `ParagraphStyle`
- level 3 index entry: `ParagraphStyle`
- level 4 index entry: `ParagraphStyle`
- domain index entry name: `TextStyle`

3.3 Element Style Classes

These are the style classes corresponding to each type of document element. For each style class, the supported style attributes are listed along with the values that can be assigned to them in a style sheet.

`draw.LineStyle`	Style class for `Line`
`draw.ShapeStyle`	Style class for `Shape`
`flowable.FlowableStyle`	Style class for `Flowable`
`flowable.LabeledFlowableStyle`	Style class for `LabeledFlowable`
`flowable.GroupedFlowablesStyle`	Style class for `GroupedFlowables`
`flowable.FloatStyle`	Style class for `Float`
`image.CaptionStyle`	Style class for `Caption`
`image.FigureStyle`	Style class for `Figure`
`index.IndexStyle`	Style class for `Index`
`paragraph.ParagraphStyle`	Style class for `Paragraph`
`text.TextStyle`	Style class for `Text`
`inline.InlineFlowableStyle`	Style class for `InlineFlowable`

`reference.ReferencingParagraphStyle`	Style class for `ReferencingParagraph`
`reference.NoteMarkerStyle`	Style class for `NoteMarker`
`structure.SectionStyle`	Style class for `Section`
`structure.HeadingStyle`	Style class for `Heading`
`structure.ListStyle`	Style class for `List`
`structure.ListItemLabelStyle`	Style class for `ListItemLabel`
`structure.TableOfContentsStyle`	Style class for `TableOfContents`
`structure.TableOfContentsEntryStyle`	Style class for `TableOfContentsEntry`
`structure.AdmonitionStyle`	Style class for `Admonition`
`structure.HorizontalRuleStyle`	Style class for `HorizontalRule`
`table.TableStyle`	Style class for `Table`
`table.TableCellStyle`	Style class for `TableCell`
`table.TableCellBorderStyle`	Style class for `TableCellBorder`
`table.TableCellBackgroundStyle`	Style class for `TableCellBackground`

3.3.1 LineStyle

class `rinoh.draw.`**`LineStyle`** (*base=None*, ***attributes*)

Style class for `Line`

`stroke`

Width and color used to draw the line
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `1pt, #000`

`hide`

Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.2 ShapeStyle

class `rinoh.draw.`**`ShapeStyle`** (*base=None*, ***attributes*)

Style class for `Shape`

`fill_color`

Color to fill the shape
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `#e5e5e5`

`stroke`

Width and color used to draw the line (inherited from `LineStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `1pt, #000`

`hide`

Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`

Default: `false`

3.3.3 FlowableStyle

class `rinoh.flowable.`**`FlowableStyle`** (*base=None, **attributes*)

Style class for `Flowable`

`width`
Width to render the flowable at
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `auto`

`horizontal_align`
Horizontal alignment of the flowable
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

`space_above`
Vertical space preceding the flowable
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`space_below`
Vertical space following the flowable
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_left`
Left margin
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_right`
Right margin
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding`
Padding
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_left`
Left padding
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_right`
Right padding
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_top`
Top padding
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)

Default: `0`

`padding_bottom`
Bottom padding
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`keep_with_next`
Keep this flowable and the next on the same page
Accepts `Bool`: `true` or `false`
Default: `false`

`border`
Border surrounding the flowable
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_left`
Border left of the flowable
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_right`
Border right of the flowable
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_top`
Border above the flowable
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_bottom`
Border below the flowable
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`background_color`
Color of the area within the flowable's borders
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

`page_break`
Type of page break to insert before rendering this flowable
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

`hide`
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`

Default: `false`

3.3.4 LabeledFlowableStyle

class `rinoh.flowable.`**`LabeledFlowableStyle`** (*base=None, **attributes*)

Style class for `LabeledFlowable`

`label_min_width`
Minimum label width
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `12pt`

`label_max_width`
Maximum label width
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `80pt`

`label_spacing`
Spacing between a label and the labeled flowable
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `3pt`

`align_baselines`
Line up the baselines of the label and the labeled flowable
Accepts `Bool`: `true` or `false`
Default: `true`

`wrap_label`
Wrap the label at *label_max_width*
Accepts `Bool`: `true` or `false`
Default: `false`

`width`
Width to render the flowable at (inherited from `FlowableStyle`)
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `auto`

`horizontal_align`
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

`space_above`
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`space_below`
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_left`
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)

Default: `0`

`margin_right`
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding`
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_left`
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_right`
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_top`
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_bottom`
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`keep_with_next`
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`border`
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_left`
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_right`
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_top`
Border above the flowable (inherited from `FlowableStyle`)

Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_bottom`
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`background_color`
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

`page_break`
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

`hide`
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.5 GroupedFlowablesStyle

class `rinoh.flowable.`**`GroupedFlowablesStyle`** (*base=None, **attributes*)
Style class for `GroupedFlowables`

`width`
Overrides the default set in `FlowableStyle`
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `fill`

`title`
Title to precede the flowables
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`flowable_spacing`
Spacing between flowables
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`horizontal_align`
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

space_above
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

space_below
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_left
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_right
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_left
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_right
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_top
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_bottom
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

keep_with_next
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

border
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_left
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (,)
Default: `none`

border_right
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (,)
Default: `none`

border_top
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (,)
Default: `none`

border_bottom
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (,)
Default: `none`

background_color
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

page_break
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

hide
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.6 FloatStyle

class `rinoh.flowable.`**`FloatStyle`** (*base=None, **attributes*)
Style class for `Float`

float
Float the flowable to the top or bottom of the page
Accepts `Bool`: `true` or `false`
Default: `false`

width
Width to render the flowable at (inherited from `FlowableStyle`)
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`,

pc, mm, cm, %, /2, /4)
Default: auto

horizontal_align
Horizontal alignment of the flowable (inherited from FlowableStyle)
Accepts HorizontalAlignment: left, right, center
Default: left

space_above
Vertical space preceding the flowable (inherited from FlowableStyle)
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 0

space_below
Vertical space following the flowable (inherited from FlowableStyle)
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 0

margin_left
Left margin (inherited from FlowableStyle)
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 0

margin_right
Right margin (inherited from FlowableStyle)
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 0

padding
Padding (inherited from FlowableStyle)
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 0

padding_left
Left padding (inherited from FlowableStyle)
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 0

padding_right
Right padding (inherited from FlowableStyle)
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 0

padding_top
Top padding (inherited from FlowableStyle)
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 0

padding_bottom
Bottom padding (inherited from FlowableStyle)
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 0

keep_with_next
Keep this flowable and the next on the same page (inherited from FlowableStyle)
Accepts Bool: true or false
Default: false

border
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (,)
Default: `none`

border_left
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (,)
Default: `none`

border_right
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (,)
Default: `none`

border_top
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (,)
Default: `none`

border_bottom
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (,)
Default: `none`

background_color
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

page_break
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

hide
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.7 CaptionStyle

class `rinoh.image.`**`CaptionStyle`** (*base=None, **attributes*)
Style class for `Caption`

number_format
Overrides the default set in `ParagraphStyle`

Accepts NumberFormat: none, number, symbol, lowercase character, uppercase character, lowercase roman, uppercase roman
Default: number

numbering_level
Overrides the default set in ParagraphStyle
Accepts Integer: a natural number (positive integer)
Default: 1

width
Width to render the flowable at (inherited from ParagraphStyle)
Accepts FlowableWidth: auto, fill or a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: fill

indent_first
Indentation of the first line of text (inherited from ParagraphStyle)
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 0pt

line_spacing
Spacing between the baselines of two successive lines of text (inherited from ParagraphStyle)
Accepts LineSpacing: a predefined line spacing type or the name of a line spacing type followed by comma-separated arguments enclosed in braces: <spacing type>(<arg1>, <arg2>, ...)
Default: default

text_align
Alignment of text to the margins (inherited from ParagraphStyle)
Accepts TextAlign: left, right, center, justify
Default: justify

tab_stops
List of tab positions (inherited from ParagraphStyle)
Accepts TabStopList: a comma-seperated list of tab stops. A tab stop is specified as <position> [align] [fill string], where position (Dimension) is required and align (TabAlign) and fill string (string enclosed in quotes) are optional.
Default: (no value)

number_separator
Characters inserted between the number label of this element's parent and this element's own number label. If None, only show this item's number label. (inherited from ParagraphStyle)
Accepts StyledText: a list of styled text strings, separated by spaces. A styled text string is a quoted string (' or "), optionally followed by a style name enclosed in braces: 'text string' (style name)
Default: '.'

horizontal_align
Horizontal alignment of the flowable (inherited from FlowableStyle)
Accepts HorizontalAlignment: left, right, center
Default: left

space_above
Vertical space preceding the flowable (inherited from FlowableStyle)

Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`space_below`
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_left`
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_right`
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding`
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_left`
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_right`
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_top`
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_bottom`
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`keep_with_next`
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`border`
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_left`
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by

a comma (,)
Default: `none`

`border_right`
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (,)
Default: `none`

`border_top`
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (,)
Default: `none`

`border_bottom`
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (,)
Default: `none`

`background_color`
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

`page_break`
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

`label_prefix`
Text to prepend to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`label_suffix`
Text to append to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`custom_label`
Use a custom label if specified (inherited from `LabelStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`typeface`
Typeface to set the text in (inherited from `TextStyle`)
Accepts `Typeface`: the name of a typeface. See `rinoh --list-fonts` for a list of the available typefaces.

Default: `Times`

`font_weight`
Thickness of character outlines relative to their height (inherited from `TextStyle`)
Accepts `FontWeight`: `hairline`, `thin`, `ultra-light`, `extra-light`, `light`, `regular`, `normal`, `book`, `roman`, `medium`, `semi-bold`, `demi-bold`, `bold`, `extra-bold`, `ultra-bold`, `black`, `heavy`, `extra-black`, `ultra-black`
Default: `500`

`font_slant`
Slope style of the font (inherited from `TextStyle`)
Accepts `FontSlant`: `upright`, `oblique`, `italic`
Default: `upright`

`font_width`
Stretch of the characters (inherited from `TextStyle`)
Accepts `FontWidth`: `ultra-condensed`, `extra-condensed`, `condensed`, `semi-condensed`, `normal`, `medium`, `semi-expanded`, `expanded`, `extra-expanded`, `ultra-expanded`
Default: `5`

`font_size`
Height of characters (inherited from `TextStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `10pt`

`font_color`
Color of the font (inherited from `TextStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `#000`

`font_variant`
Variant of the font (inherited from `TextStyle`)
Accepts `FontVariant`: `normal`, `small capital`, `oldstyle figures`
Default: `normal`

`position`
Vertical text position (inherited from `TextStyle`)
Accepts `TextPosition`: `normal`, `superscript`, `subscript`
Default: `normal`

`kerning`
Improve inter-letter spacing (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`ligatures`
Run letters together where possible (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`hyphenate`
Allow words to be broken over two lines (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

hyphen_chars
Minimum number of characters in a hyphenated part of a word (inherited from `TextStyle`)
Accepts `Integer`: a natural number (positive integer)
Default: `2`

hyphen_lang
Language to use for hyphenation. Accepts locale codes such as 'en_US' (inherited from `TextStyle`)
Accepts `Locale`: locale identifier in the `<language ID>_<region ID>` format
Default: `en_US`

before
Item to insert before this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

after
Item to insert after this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

hide
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.8 FigureStyle

class `rinoh.image.`**FigureStyle** (*base=None, **attributes*)
Style class for `Figure`

float
Float the flowable to the top or bottom of the page (inherited from `FloatStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

width
Width to render the flowable at (inherited from `FlowableStyle`)
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `auto`

horizontal_align
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

space_above
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)

Default: `0`

`space_below`
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_left`
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_right`
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding`
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_left`
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_right`
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_top`
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_bottom`
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`keep_with_next`
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`border`
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_left`
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)

Default: `none`

`border_right`
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_top`
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_bottom`
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`background_color`
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

`page_break`
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

`hide`
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

`title`
Title to precede the flowables (inherited from `GroupedFlowablesStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`flowable_spacing`
Spacing between flowables (inherited from `GroupedFlowablesStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

3.3.9 IndexStyle

class `rinoh.index.`**`IndexStyle`**(*base=None*, ***attributes*)
Style class for `Index`

initials
Group index entries based on their first letter
Accepts `Bool`: `true` or `false`
Default: `true`

width
Width to render the flowable at (inherited from `GroupedFlowablesStyle`)
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `fill`

title
Title to precede the flowables (inherited from `GroupedFlowablesStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

flowable_spacing
Spacing between flowables (inherited from `GroupedFlowablesStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

horizontal_align
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

space_above
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

space_below
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_left
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_right
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_left
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)

Default: `0`

`padding_right`
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_top`
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_bottom`
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`keep_with_next`
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`border`
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_left`
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_right`
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_top`
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_bottom`
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`background_color`
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

page_break
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

hide
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.10 ParagraphStyle

class `rinoh.paragraph.`**`ParagraphStyle`** (*base=None, **attributes*)
Style class for `Paragraph`

width
Overrides the default set in `FlowableStyle`
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `fill`

indent_first
Indentation of the first line of text
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0pt`

line_spacing
Spacing between the baselines of two successive lines of text
Accepts `LineSpacing`: a predefined line spacing type or the name of a line spacing type followed by comma-separated arguments enclosed in braces: `<spacing type>(<arg1>, <arg2>, ...)`
Default: `default`

text_align
Alignment of text to the margins
Accepts `TextAlign`: `left`, `right`, `center`, `justify`
Default: `justify`

tab_stops
List of tab positions
Accepts `TabStopList`: a comma-seperated list of tab stops. A tab stop is specified as `<position> [align] [fill string]`, where `position` (`Dimension`) is required and `align` (`TabAlign`) and `fill string` (string enclosed in quotes) are optional.
Default: (no value)

number_format
Overrides the default set in `NumberStyle`
Accepts `NumberFormat`: `none`, `number`, `symbol`, `lowercase character`, `uppercase character`, `lowercase roman`, `uppercase roman`
Default: `None`

number_separator
Characters inserted between the number label of this element's parent and this element's own number label. If `None`, only show this item's number label.
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: `'.'`

numbering_level
At which section level to restart numbering (positive: absolute, negative: relative)
Accepts `Integer`: a natural number (positive integer)
Default: (no value)

horizontal_align
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

space_above
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

space_below
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_left
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_right
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_left
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_right
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_top
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)

Default: `0`

`padding_bottom`
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`keep_with_next`
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`border`
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_left`
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_right`
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_top`
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_bottom`
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`background_color`
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

`page_break`
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

`hide`
Suppress rendering this element (inherited from `Style`)

Accepts `Bool`: `true` or `false`
Default: `false`

`label_prefix`
Text to prepend to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`label_suffix`
Text to append to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`custom_label`
Use a custom label if specified (inherited from `LabelStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`typeface`
Typeface to set the text in (inherited from `TextStyle`)
Accepts `Typeface`: the name of a typeface. See `rinoh --list-fonts` for a list of the available typefaces.
Default: `Times`

`font_weight`
Thickness of character outlines relative to their height (inherited from `TextStyle`)
Accepts `FontWeight`: `hairline`, `thin`, `ultra-light`, `extra-light`, `light`, `regular`, `normal`, `book`, `roman`, `medium`, `semi-bold`, `demi-bold`, `bold`, `extra-bold`, `ultra-bold`, `black`, `heavy`, `extra-black`, `ultra-black`
Default: `500`

`font_slant`
Slope style of the font (inherited from `TextStyle`)
Accepts `FontSlant`: `upright`, `oblique`, `italic`
Default: `upright`

`font_width`
Stretch of the characters (inherited from `TextStyle`)
Accepts `FontWidth`: `ultra-condensed`, `extra-condensed`, `condensed`, `semi-condensed`, `normal`, `medium`, `semi-expanded`, `expanded`, `extra-expanded`, `ultra-expanded`
Default: `5`

`font_size`
Height of characters (inherited from `TextStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `10pt`

`font_color`
Color of the font (inherited from `TextStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `#000`

font_variant
Variant of the font (inherited from `TextStyle`)
Accepts `FontVariant`: `normal`, `small capital`, `oldstyle figures`
Default: `normal`

position
Vertical text position (inherited from `TextStyle`)
Accepts `TextPosition`: `normal`, `superscript`, `subscript`
Default: `normal`

kerning
Improve inter-letter spacing (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

ligatures
Run letters together where possible (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

hyphenate
Allow words to be broken over two lines (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

hyphen_chars
Minimum number of characters in a hyphenated part of a word (inherited from `TextStyle`)
Accepts `Integer`: a natural number (positive integer)
Default: `2`

hyphen_lang
Language to use for hyphenation. Accepts locale codes such as 'en_US' (inherited from `TextStyle`)
Accepts `Locale`: locale identifier in the `<language ID>_<region ID>` format
Default: `en_US`

before
Item to insert before this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

after
Item to insert after this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

3.3.11 TextStyle

class `rinoh.text.`**`TextStyle`** (*base=None*, ***attributes*)
Style class for `Text`

typeface
Typeface to set the text in
Accepts `Typeface`: the name of a typeface. See `rinoh --list-fonts` for a list of the available typefaces.
Default: `Times`

font_weight
Thickness of character outlines relative to their height
Accepts `FontWeight`: `hairline`, `thin`, `ultra-light`, `extra-light`, `light`, `regular`, `normal`, `book`, `roman`, `medium`, `semi-bold`, `demi-bold`, `bold`, `extra-bold`, `ultra-bold`, `black`, `heavy`, `extra-black`, `ultra-black`
Default: `500`

font_slant
Slope style of the font
Accepts `FontSlant`: `upright`, `oblique`, `italic`
Default: `upright`

font_width
Stretch of the characters
Accepts `FontWidth`: `ultra-condensed`, `extra-condensed`, `condensed`, `semi-condensed`, `normal`, `medium`, `semi-expanded`, `expanded`, `extra-expanded`, `ultra-expanded`
Default: `5`

font_size
Height of characters
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `10pt`

font_color
Color of the font
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `#000`

font_variant
Variant of the font
Accepts `FontVariant`: `normal`, `small capital`, `oldstyle figures`
Default: `normal`

position
Vertical text position
Accepts `TextPosition`: `normal`, `superscript`, `subscript`
Default: `normal`

kerning
Improve inter-letter spacing
Accepts `Bool`: `true` or `false`
Default: `true`

ligatures
Run letters together where possible
Accepts `Bool`: `true` or `false`
Default: `true`

hyphenate
Allow words to be broken over two lines
Accepts `Bool`: `true` or `false`
Default: `true`

hyphen_chars
Minimum number of characters in a hyphenated part of a word
Accepts `Integer`: a natural number (positive integer)
Default: `2`

hyphen_lang
Language to use for hyphenation. Accepts locale codes such as 'en_US'
Accepts `Locale`: locale identifier in the `<language ID>_<region ID>` format
Default: `en_US`

before
Item to insert before this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

after
Item to insert after this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

hide
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.12 InlineFlowableStyle

class `rinoh.inline.`**`InlineFlowableStyle`** (*base=None, **attributes*)
Style class for `InlineFlowable`

baseline
The location of the flowable's baseline relative to the bottom edge
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0pt`

width
Width to render the flowable at (inherited from `FlowableStyle`)
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `auto`

horizontal_align
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

space_above
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

space_below
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_left
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_right
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_left
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_right
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_top
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_bottom
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

keep_with_next
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

border
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_left`
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_right`
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_top`
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_bottom`
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`background_color`
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

`page_break`
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

`hide`
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

`before`
Item to insert before this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`after`
Item to insert after this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

3.3.13 ReferencingParagraphStyle

class `rinoh.reference.`**`ReferencingParagraphStyle`** (*base=None, **attributes*)

Style class for `ReferencingParagraph`

`text`

The text content of this paragraph

Accepts `ReferenceText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`

Default: `'{TITLE}'`

`width`

Width to render the flowable at (inherited from `ParagraphStyle`)

Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)

Default: `fill`

`indent_first`

Indentation of the first line of text (inherited from `ParagraphStyle`)

Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)

Default: `0pt`

`line_spacing`

Spacing between the baselines of two successive lines of text (inherited from `ParagraphStyle`)

Accepts `LineSpacing`: a predefined line spacing type or the name of a line spacing type followed by comma-separated arguments enclosed in braces: `<spacing type>(<arg1>, <arg2>, ...)`

Default: `default`

`text_align`

Alignment of text to the margins (inherited from `ParagraphStyle`)

Accepts `TextAlign`: `left`, `right`, `center`, `justify`

Default: `justify`

`tab_stops`

List of tab positions (inherited from `ParagraphStyle`)

Accepts `TabStopList`: a comma-seperated list of tab stops. A tab stop is specified as `<position> [align] [fill string]`, where `position` (`Dimension`) is required and `align` (`TabAlign`) and `fill string` (string enclosed in quotes) are optional.

Default: (no value)

`number_format`

How numbers are formatted (inherited from `ParagraphStyle`)

Accepts `NumberFormat`: `none`, `number`, `symbol`, `lowercase character`, `uppercase character`, `lowercase roman`, `uppercase roman`

Default: `None`

`number_separator`

Characters inserted between the number label of this element's parent and this element's own number label. If `None`, only show this item's number label. (inherited from `ParagraphStyle`)

Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text

string is a quoted string (' or "), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: `'.'`

`numbering_level`
At which section level to restart numbering (positive: absolute, negative: relative) (inherited from `ParagraphStyle`)
Accepts `Integer`: a natural number (positive integer)
Default: (no value)

`horizontal_align`
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

`space_above`
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`space_below`
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_left`
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_right`
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding`
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_left`
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_right`
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_top`
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_bottom`
Bottom padding (inherited from `FlowableStyle`)

Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`keep_with_next`
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`border`
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_left`
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_right`
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_top`
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_bottom`
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`background_color`
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

`page_break`
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

`label_prefix`
Text to prepend to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

label_suffix
Text to append to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

custom_label
Use a custom label if specified (inherited from `LabelStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

typeface
Typeface to set the text in (inherited from `TextStyle`)
Accepts `Typeface`: the name of a typeface. See `rinoh --list-fonts` for a list of the available typefaces.
Default: `Times`

font_weight
Thickness of character outlines relative to their height (inherited from `TextStyle`)
Accepts `FontWeight`: `hairline`, `thin`, `ultra-light`, `extra-light`, `light`, `regular`, `normal`, `book`, `roman`, `medium`, `semi-bold`, `demi-bold`, `bold`, `extra-bold`, `ultra-bold`, `black`, `heavy`, `extra-black`, `ultra-black`
Default: `500`

font_slant
Slope style of the font (inherited from `TextStyle`)
Accepts `FontSlant`: `upright`, `oblique`, `italic`
Default: `upright`

font_width
Stretch of the characters (inherited from `TextStyle`)
Accepts `FontWidth`: `ultra-condensed`, `extra-condensed`, `condensed`, `semi-condensed`, `normal`, `medium`, `semi-expanded`, `expanded`, `extra-expanded`, `ultra-expanded`
Default: `5`

font_size
Height of characters (inherited from `TextStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `10pt`

font_color
Color of the font (inherited from `TextStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `#000`

font_variant
Variant of the font (inherited from `TextStyle`)
Accepts `FontVariant`: `normal`, `small capital`, `oldstyle figures`
Default: `normal`

position
Vertical text position (inherited from `TextStyle`)
Accepts `TextPosition`: `normal`, `superscript`, `subscript`

Default: `normal`

`kerning`
Improve inter-letter spacing (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`ligatures`
Run letters together where possible (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`hyphenate`
Allow words to be broken over two lines (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`hyphen_chars`
Minimum number of characters in a hyphenated part of a word (inherited from `TextStyle`)
Accepts `Integer`: a natural number (positive integer)
Default: `2`

`hyphen_lang`
Language to use for hyphenation. Accepts locale codes such as 'en_US' (inherited from `TextStyle`)
Accepts `Locale`: locale identifier in the `<language ID>_<region ID>` format
Default: `en_US`

`before`
Item to insert before this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`after`
Item to insert after this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`hide`
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.14 NoteMarkerStyle

class `rinoh.reference.`**`NoteMarkerStyle`**(*base=None, **attributes*)
Style class for `NoteMarker`

`type`
Overrides the default set in `ReferenceStyle`
Accepts `ReferenceType`: `reference`, `number`, `title`, `page`, `custom`

Default: `number`

`link`
Create a hyperlink to the reference target (inherited from `ReferenceStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`quiet`
If the given reference type does not existfor the target, resolve to an empty stringinstead of making a fuss about it (inherited from `ReferenceStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`typeface`
Typeface to set the text in (inherited from `TextStyle`)
Accepts `Typeface`: the name of a typeface. See `rinoh --list-fonts` for a list of the available typefaces.
Default: `Times`

`font_weight`
Thickness of character outlines relative to their height (inherited from `TextStyle`)
Accepts `FontWeight`: `hairline`, `thin`, `ultra-light`, `extra-light`, `light`, `regular`, `normal`, `book`, `roman`, `medium`, `semi-bold`, `demi-bold`, `bold`, `extra-bold`, `ultra-bold`, `black`, `heavy`, `extra-black`, `ultra-black`
Default: `500`

`font_slant`
Slope style of the font (inherited from `TextStyle`)
Accepts `FontSlant`: `upright`, `oblique`, `italic`
Default: `upright`

`font_width`
Stretch of the characters (inherited from `TextStyle`)
Accepts `FontWidth`: `ultra-condensed`, `extra-condensed`, `condensed`, `semi-condensed`, `normal`, `medium`, `semi-expanded`, `expanded`, `extra-expanded`, `ultra-expanded`
Default: `5`

`font_size`
Height of characters (inherited from `TextStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `10pt`

`font_color`
Color of the font (inherited from `TextStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `#000`

`font_variant`
Variant of the font (inherited from `TextStyle`)
Accepts `FontVariant`: `normal`, `small capital`, `oldstyle figures`
Default: `normal`

`position`
Vertical text position (inherited from `TextStyle`)
Accepts `TextPosition`: `normal`, `superscript`, `subscript`

Default: `normal`

`kerning`
Improve inter-letter spacing (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`ligatures`
Run letters together where possible (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`hyphenate`
Allow words to be broken over two lines (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`hyphen_chars`
Minimum number of characters in a hyphenated part of a word (inherited from `TextStyle`)
Accepts `Integer`: a natural number (positive integer)
Default: `2`

`hyphen_lang`
Language to use for hyphenation. Accepts locale codes such as 'en_US' (inherited from `TextStyle`)
Accepts `Locale`: locale identifier in the `<language ID>_<region ID>` format
Default: `en_US`

`before`
Item to insert before this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`after`
Item to insert after this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`number_format`
How numbers are formatted (inherited from `NumberStyle`)
Accepts `NumberFormat`: `none`, `number`, `symbol`, `lowercase character`, `uppercase character`, `lowercase roman`, `uppercase roman`
Default: `number`

`label_prefix`
Text to prepend to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

label_suffix
Text to append to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

custom_label
Use a custom label if specified (inherited from `LabelStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

hide
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.15 SectionStyle

class `rinoh.structure.`**SectionStyle** (*base=None, **attributes*)
Style class for `Section`

show_in_toc
List this section in the table of contents
Accepts `Bool`: `true` or `false`
Default: `true`

width
Width to render the flowable at (inherited from `GroupedFlowablesStyle`)
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `fill`

title
Title to precede the flowables (inherited from `GroupedFlowablesStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

flowable_spacing
Spacing between flowables (inherited from `GroupedFlowablesStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

horizontal_align
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

space_above
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

space_below
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_left
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_right
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_left
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_right
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_top
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_bottom
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

keep_with_next
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

border
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_left
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_right
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_top
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_bottom
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

background_color
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

page_break
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

hide
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.16 HeadingStyle

class `rinoh.structure.`**HeadingStyle** (*base=None*, ***attributes*)
Style class for `Heading`

keep_with_next
Overrides the default set in `FlowableStyle`
Accepts `Bool`: `true` or `false`
Default: `true`

numbering_level
Overrides the default set in `ParagraphStyle`
Accepts `Integer`: a natural number (positive integer)
Default: `-1`

width
Width to render the flowable at (inherited from `ParagraphStyle`)
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)

Default: `fill`

`indent_first`
Indentation of the first line of text (inherited from `ParagraphStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0pt`

`line_spacing`
Spacing between the baselines of two successive lines of text (inherited from `ParagraphStyle`)
Accepts `LineSpacing`: a predefined line spacing type or the name of a line spacing type followed by comma-separated arguments enclosed in braces: `<spacing type>(<arg1>, <arg2>, ...)`
Default: `default`

`text_align`
Alignment of text to the margins (inherited from `ParagraphStyle`)
Accepts `TextAlign`: `left`, `right`, `center`, `justify`
Default: `justify`

`tab_stops`
List of tab positions (inherited from `ParagraphStyle`)
Accepts `TabStopList`: a comma-seperated list of tab stops. A tab stop is specified as `<position> [align] [fill string]`, where `position` (`Dimension`) is required and `align` (`TabAlign`) and `fill string` (string enclosed in quotes) are optional.
Default: (no value)

`number_format`
How numbers are formatted (inherited from `ParagraphStyle`)
Accepts `NumberFormat`: `none`, `number`, `symbol`, `lowercase character`, `uppercase character`, `lowercase roman`, `uppercase roman`
Default: `None`

`number_separator`
Characters inserted between the number label of this element's parent and this element's own number label. If `None`, only show this item's number label. (inherited from `ParagraphStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: `'.'`

`horizontal_align`
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

`space_above`
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`space_below`
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_left
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_right
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_left
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_right
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_top
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_bottom
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

border
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_left
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_right
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_top
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by

a comma (,)
Default: `none`

`border_bottom`
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (,)
Default: `none`

`background_color`
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

`page_break`
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

`label_prefix`
Text to prepend to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`label_suffix`
Text to append to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`custom_label`
Use a custom label if specified (inherited from `LabelStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`typeface`
Typeface to set the text in (inherited from `TextStyle`)
Accepts `Typeface`: the name of a typeface. See `rinoh --list-fonts` for a list of the available typefaces.
Default: `Times`

`font_weight`
Thickness of character outlines relative to their height (inherited from `TextStyle`)
Accepts `FontWeight`: `hairline`, `thin`, `ultra-light`, `extra-light`, `light`, `regular`, `normal`, `book`, `roman`, `medium`, `semi-bold`, `demi-bold`, `bold`, `extra-bold`, `ultra-bold`, `black`, `heavy`, `extra-black`, `ultra-black`
Default: `500`

`font_slant`
Slope style of the font (inherited from `TextStyle`)
Accepts `FontSlant`: `upright`, `oblique`, `italic`

Default: `upright`

`font_width`
Stretch of the characters (inherited from `TextStyle`)
Accepts `FontWidth`: `ultra-condensed`, `extra-condensed`, `condensed`, `semi-condensed`, `normal`, `medium`, `semi-expanded`, `expanded`, `extra-expanded`, `ultra-expanded`
Default: `5`

`font_size`
Height of characters (inherited from `TextStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `10pt`

`font_color`
Color of the font (inherited from `TextStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `#000`

`font_variant`
Variant of the font (inherited from `TextStyle`)
Accepts `FontVariant`: `normal`, `small capital`, `oldstyle figures`
Default: `normal`

`position`
Vertical text position (inherited from `TextStyle`)
Accepts `TextPosition`: `normal`, `superscript`, `subscript`
Default: `normal`

`kerning`
Improve inter-letter spacing (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`ligatures`
Run letters together where possible (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`hyphenate`
Allow words to be broken over two lines (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`hyphen_chars`
Minimum number of characters in a hyphenated part of a word (inherited from `TextStyle`)
Accepts `Integer`: a natural number (positive integer)
Default: `2`

`hyphen_lang`
Language to use for hyphenation. Accepts locale codes such as 'en_US' (inherited from `TextStyle`)
Accepts `Locale`: locale identifier in the `<language ID>_<region ID>` format
Default: `en_US`

before
Item to insert before this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

after
Item to insert after this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

hide
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.17 ListStyle

class `rinoh.structure.`**`ListStyle`** (*base=None, **attributes*)
Style class for `List`

ordered
This list is ordered or unordered
Accepts `Bool`: `true` or `false`
Default: `false`

bullet
Bullet to use in unordered lists
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: `'•'`

width
Width to render the flowable at (inherited from `GroupedFlowablesStyle`)
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `fill`

title
Title to precede the flowables (inherited from `GroupedFlowablesStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

flowable_spacing
Spacing between flowables (inherited from `GroupedFlowablesStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

horizontal_align
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

space_above
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

space_below
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_left
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_right
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_left
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_right
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_top
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_bottom
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

keep_with_next
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`border`
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_left`
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_right`
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_top`
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_bottom`
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`background_color`
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

`page_break`
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

`hide`
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

`number_format`
How numbers are formatted (inherited from `NumberStyle`)
Accepts `NumberFormat`: `none`, `number`, `symbol`, `lowercase character`, `uppercase character`, `lowercase roman`, `uppercase roman`
Default: `number`

`label_prefix`
Text to prepend to the label (inherited from `LabelStyle`)

Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`label_suffix`
Text to append to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`custom_label`
Use a custom label if specified (inherited from `LabelStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.18 ListItemLabelStyle

class `rinoh.structure.`**`ListItemLabelStyle`** (*base=None, **attributes*)
Style class for `ListItemLabel`

`width`
Width to render the flowable at (inherited from `ParagraphStyle`)
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `fill`

`indent_first`
Indentation of the first line of text (inherited from `ParagraphStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0pt`

`line_spacing`
Spacing between the baselines of two successive lines of text (inherited from `ParagraphStyle`)
Accepts `LineSpacing`: a predefined line spacing type or the name of a line spacing type followed by comma-separated arguments enclosed in braces: `<spacing type>(<arg1>, <arg2>, ...)`
Default: `default`

`text_align`
Alignment of text to the margins (inherited from `ParagraphStyle`)
Accepts `TextAlign`: `left`, `right`, `center`, `justify`
Default: `justify`

`tab_stops`
List of tab positions (inherited from `ParagraphStyle`)
Accepts `TabStopList`: a comma-seperated list of tab stops. A tab stop is specified as `<position> [align] [fill string]`, where `position` (`Dimension`) is required and `align` (`TabAlign`) and `fill string` (string enclosed in quotes) are optional.
Default: (no value)

`number_format`
How numbers are formatted (inherited from `ParagraphStyle`)

Accepts `NumberFormat`: `none`, `number`, `symbol`, `lowercase character`, `uppercase character`, `lowercase roman`, `uppercase roman`
Default: `None`

`number_separator`
Characters inserted between the number label of this element's parent and this element's own number label. If `None`, only show this item's number label. (inherited from `ParagraphStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: `'.'`

`numbering_level`
At which section level to restart numbering (positive: absolute, negative: relative) (inherited from `ParagraphStyle`)
Accepts `Integer`: a natural number (positive integer)
Default: (no value)

`horizontal_align`
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

`space_above`
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`space_below`
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_left`
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_right`
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding`
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_left`
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_right`
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)

Default: `0`

`padding_top`
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_bottom`
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`keep_with_next`
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`border`
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_left`
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_right`
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_top`
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_bottom`
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`background_color`
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

`page_break`
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right`

`restart`
Default: `None`

`label_prefix`
Text to prepend to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`label_suffix`
Text to append to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`custom_label`
Use a custom label if specified (inherited from `LabelStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`typeface`
Typeface to set the text in (inherited from `TextStyle`)
Accepts `Typeface`: the name of a typeface. See `rinoh --list-fonts` for a list of the available typefaces.
Default: `Times`

`font_weight`
Thickness of character outlines relative to their height (inherited from `TextStyle`)
Accepts `FontWeight`: `hairline`, `thin`, `ultra-light`, `extra-light`, `light`, `regular`, `normal`, `book`, `roman`, `medium`, `semi-bold`, `demi-bold`, `bold`, `extra-bold`, `ultra-bold`, `black`, `heavy`, `extra-black`, `ultra-black`
Default: `500`

`font_slant`
Slope style of the font (inherited from `TextStyle`)
Accepts `FontSlant`: `upright`, `oblique`, `italic`
Default: `upright`

`font_width`
Stretch of the characters (inherited from `TextStyle`)
Accepts `FontWidth`: `ultra-condensed`, `extra-condensed`, `condensed`, `semi-condensed`, `normal`, `medium`, `semi-expanded`, `expanded`, `extra-expanded`, `ultra-expanded`
Default: `5`

`font_size`
Height of characters (inherited from `TextStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `10pt`

`font_color`
Color of the font (inherited from `TextStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `#000`

font_variant
Variant of the font (inherited from `TextStyle`)
Accepts `FontVariant`: `normal`, `small capital`, `oldstyle figures`
Default: `normal`

position
Vertical text position (inherited from `TextStyle`)
Accepts `TextPosition`: `normal`, `superscript`, `subscript`
Default: `normal`

kerning
Improve inter-letter spacing (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

ligatures
Run letters together where possible (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

hyphenate
Allow words to be broken over two lines (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

hyphen_chars
Minimum number of characters in a hyphenated part of a word (inherited from `TextStyle`)
Accepts `Integer`: a natural number (positive integer)
Default: `2`

hyphen_lang
Language to use for hyphenation. Accepts locale codes such as 'en_US' (inherited from `TextStyle`)
Accepts `Locale`: locale identifier in the `<language ID>_<region ID>` format
Default: `en_US`

before
Item to insert before this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

after
Item to insert after this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

hide
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.19 TableOfContentsStyle

class `rinoh.structure.`**`TableOfContentsStyle`** (*base=None*, ***attributes*)

Style class for `TableOfContents`

`depth`
The number of section levels to include in the table of contents
Accepts `Integer`: a natural number (positive integer)
Default: `3`

`width`
Width to render the flowable at (inherited from `GroupedFlowablesStyle`)
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `fill`

`title`
Title to precede the flowables (inherited from `GroupedFlowablesStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`flowable_spacing`
Spacing between flowables (inherited from `GroupedFlowablesStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`horizontal_align`
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

`space_above`
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`space_below`
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_left`
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_right`
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding`
Padding (inherited from `FlowableStyle`)

Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_left`
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_right`
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_top`
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_bottom`
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`keep_with_next`
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`border`
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_left`
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_right`
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_top`
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_bottom`
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

background_color
Color of the area within the flowable's borders (inherited from FlowableStyle)
Accepts Color: HEX string with optional alpha component (#RRGGBB, #RRGGBBAA, #RGB or #RGBA)
Default: none

page_break
Type of page break to insert before rendering this flowable (inherited from FlowableStyle)
Accepts Break: none, any, left, right, any restart, left restart, right restart
Default: None

hide
Suppress rendering this element (inherited from Style)
Accepts Bool: true or false
Default: false

indent_first
Indentation of the first line of text (inherited from ParagraphStyle)
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 0pt

line_spacing
Spacing between the baselines of two successive lines of text (inherited from ParagraphStyle)
Accepts LineSpacing: a predefined line spacing type or the name of a line spacing type followed by comma-separated arguments enclosed in braces: <spacing type>(<arg1>, <arg2>, ...)
Default: default

text_align
Alignment of text to the margins (inherited from ParagraphStyle)
Accepts TextAlign: left, right, center, justify
Default: justify

tab_stops
List of tab positions (inherited from ParagraphStyle)
Accepts TabStopList: a comma-seperated list of tab stops. A tab stop is specified as <position> [align] [fill string], where position (Dimension) is required and align (TabAlign) and fill string (string enclosed in quotes) are optional.
Default: (no value)

number_format
How numbers are formatted (inherited from ParagraphStyle)
Accepts NumberFormat: none, number, symbol, lowercase character, uppercase character, lowercase roman, uppercase roman
Default: None

number_separator
Characters inserted between the number label of this element's parent and this element's own number label. If None, only show this item's number label. (inherited from ParagraphStyle)
Accepts StyledText: a list of styled text strings, separated by spaces. A styled text string is a quoted string (' or "), optionally followed by a style name enclosed in

braces: `'text string' (style name)`
Default: `'.'`

`numbering_level`
At which section level to restart numbering (positive: absolute, negative: relative) (inherited from `ParagraphStyle`)
Accepts `Integer`: a natural number (positive integer)
Default: (no value)

`label_prefix`
Text to prepend to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`label_suffix`
Text to append to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`custom_label`
Use a custom label if specified (inherited from `LabelStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`typeface`
Typeface to set the text in (inherited from `TextStyle`)
Accepts `Typeface`: the name of a typeface. See `rinoh --list-fonts` for a list of the available typefaces.
Default: `Times`

`font_weight`
Thickness of character outlines relative to their height (inherited from `TextStyle`)
Accepts `FontWeight`: `hairline`, `thin`, `ultra-light`, `extra-light`, `light`, `regular`, `normal`, `book`, `roman`, `medium`, `semi-bold`, `demi-bold`, `bold`, `extra-bold`, `ultra-bold`, `black`, `heavy`, `extra-black`, `ultra-black`
Default: `500`

`font_slant`
Slope style of the font (inherited from `TextStyle`)
Accepts `FontSlant`: `upright`, `oblique`, `italic`
Default: `upright`

`font_width`
Stretch of the characters (inherited from `TextStyle`)
Accepts `FontWidth`: `ultra-condensed`, `extra-condensed`, `condensed`, `semi-condensed`, `normal`, `medium`, `semi-expanded`, `expanded`, `extra-expanded`, `ultra-expanded`
Default: `5`

`font_size`
Height of characters (inherited from `TextStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `10pt`

font_color
Color of the font (inherited from `TextStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `#000`

font_variant
Variant of the font (inherited from `TextStyle`)
Accepts `FontVariant`: `normal`, `small capital`, `oldstyle figures`
Default: `normal`

position
Vertical text position (inherited from `TextStyle`)
Accepts `TextPosition`: `normal`, `superscript`, `subscript`
Default: `normal`

kerning
Improve inter-letter spacing (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

ligatures
Run letters together where possible (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

hyphenate
Allow words to be broken over two lines (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

hyphen_chars
Minimum number of characters in a hyphenated part of a word (inherited from `TextStyle`)
Accepts `Integer`: a natural number (positive integer)
Default: `2`

hyphen_lang
Language to use for hyphenation. Accepts locale codes such as 'en_US' (inherited from `TextStyle`)
Accepts `Locale`: locale identifier in the `<language ID>_<region ID>` format
Default: `en_US`

before
Item to insert before this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

after
Item to insert after this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

3.3.20 TableOfContentsEntryStyle

class `rinoh.structure.`**`TableOfContentsEntryStyle`** (*base=None, **attributes*)

Style class for `TableOfContentsEntry`

`text`

Overrides the default set in `ReferencingParagraphStyle`

Accepts `ReferenceText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`

Default: `'{NUMBER}' '\t' '{TITLE}' '\t' '{PAGE}'`

`width`

Width to render the flowable at (inherited from `ParagraphStyle`)

Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)

Default: `fill`

`indent_first`

Indentation of the first line of text (inherited from `ParagraphStyle`)

Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)

Default: `0pt`

`line_spacing`

Spacing between the baselines of two successive lines of text (inherited from `ParagraphStyle`)

Accepts `LineSpacing`: a predefined line spacing type or the name of a line spacing type followed by comma-separated arguments enclosed in braces: `<spacing type>(<arg1>, <arg2>, ...)`

Default: `default`

`text_align`

Alignment of text to the margins (inherited from `ParagraphStyle`)

Accepts `TextAlign`: `left`, `right`, `center`, `justify`

Default: `justify`

`tab_stops`

List of tab positions (inherited from `ParagraphStyle`)

Accepts `TabStopList`: a comma-seperated list of tab stops. A tab stop is specified as `<position> [align] [fill string]`, where `position` (`Dimension`) is required and `align` (`TabAlign`) and `fill string` (string enclosed in quotes) are optional.

Default: (no value)

`number_format`

How numbers are formatted (inherited from `ParagraphStyle`)

Accepts `NumberFormat`: `none`, `number`, `symbol`, `lowercase character`, `uppercase character`, `lowercase roman`, `uppercase roman`

Default: `None`

`number_separator`

Characters inserted between the number label of this element's parent and this element's own number label. If `None`, only show this item's number label. (inherited from `ParagraphStyle`)

Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text

string is a quoted string (' or "), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: `'.'`

`numbering_level`
At which section level to restart numbering (positive: absolute, negative: relative) (inherited from `ParagraphStyle`)
Accepts `Integer`: a natural number (positive integer)
Default: (no value)

`horizontal_align`
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

`space_above`
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`space_below`
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_left`
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_right`
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding`
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_left`
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_right`
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_top`
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_bottom`
Bottom padding (inherited from `FlowableStyle`)

Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`keep_with_next`
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`border`
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_left`
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_right`
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_top`
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_bottom`
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`background_color`
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

`page_break`
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

`label_prefix`
Text to prepend to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

label_suffix
Text to append to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

custom_label
Use a custom label if specified (inherited from `LabelStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

typeface
Typeface to set the text in (inherited from `TextStyle`)
Accepts `Typeface`: the name of a typeface. See `rinoh --list-fonts` for a list of the available typefaces.
Default: `Times`

font_weight
Thickness of character outlines relative to their height (inherited from `TextStyle`)
Accepts `FontWeight`: `hairline`, `thin`, `ultra-light`, `extra-light`, `light`, `regular`, `normal`, `book`, `roman`, `medium`, `semi-bold`, `demi-bold`, `bold`, `extra-bold`, `ultra-bold`, `black`, `heavy`, `extra-black`, `ultra-black`
Default: `500`

font_slant
Slope style of the font (inherited from `TextStyle`)
Accepts `FontSlant`: `upright`, `oblique`, `italic`
Default: `upright`

font_width
Stretch of the characters (inherited from `TextStyle`)
Accepts `FontWidth`: `ultra-condensed`, `extra-condensed`, `condensed`, `semi-condensed`, `normal`, `medium`, `semi-expanded`, `expanded`, `extra-expanded`, `ultra-expanded`
Default: `5`

font_size
Height of characters (inherited from `TextStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `10pt`

font_color
Color of the font (inherited from `TextStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `#000`

font_variant
Variant of the font (inherited from `TextStyle`)
Accepts `FontVariant`: `normal`, `small capital`, `oldstyle figures`
Default: `normal`

position
Vertical text position (inherited from `TextStyle`)
Accepts `TextPosition`: `normal`, `superscript`, `subscript`

Default: `normal`

`kerning`
Improve inter-letter spacing (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`ligatures`
Run letters together where possible (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`hyphenate`
Allow words to be broken over two lines (inherited from `TextStyle`)
Accepts `Bool`: `true` or `false`
Default: `true`

`hyphen_chars`
Minimum number of characters in a hyphenated part of a word (inherited from `TextStyle`)
Accepts `Integer`: a natural number (positive integer)
Default: `2`

`hyphen_lang`
Language to use for hyphenation. Accepts locale codes such as 'en_US' (inherited from `TextStyle`)
Accepts `Locale`: locale identifier in the `<language ID>_<region ID>` format
Default: `en_US`

`before`
Item to insert before this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`after`
Item to insert after this one (inherited from `InlineStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`hide`
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.21 AdmonitionStyle

class `rinoh.structure.`**`AdmonitionStyle`** (*base=None, **attributes*)
Style class for `Admonition`

`inline_title`
Show the admonition's title inline with the body text, if possible
Accepts `Bool`: `true` or `false`

Default: `true`

`width`
Width to render the flowable at (inherited from `GroupedFlowablesStyle`)
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `fill`

`title`
Title to precede the flowables (inherited from `GroupedFlowablesStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`flowable_spacing`
Spacing between flowables (inherited from `GroupedFlowablesStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`horizontal_align`
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

`space_above`
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`space_below`
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_left`
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_right`
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding`
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_left`
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_right`
Right padding (inherited from `FlowableStyle`)

Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_top`
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_bottom`
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`keep_with_next`
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`border`
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_left`
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_right`
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_top`
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_bottom`
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`background_color`
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

`page_break`
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)

Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

`hide`
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.22 HorizontalRuleStyle

class `rinoh.structure.`**`HorizontalRuleStyle`** (*base=None, **attributes*)
Style class for `HorizontalRule`

`width`
Width to render the flowable at (inherited from `FlowableStyle`)
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `auto`

`horizontal_align`
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

`space_above`
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`space_below`
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_left`
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_right`
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding`
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_left`
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_right
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_top
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_bottom
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

keep_with_next
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

border
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_left
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_right
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_top
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_bottom
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

background_color
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

page_break
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

hide
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

stroke
Width and color used to draw the line (inherited from `LineStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `1pt, #000`

3.3.23 TableStyle

class `rinoh.table.`**`TableStyle`** (*base=None*, ***attributes*)
Style class for `Table`

column_widths
Absolute or relative widths of each column
Accepts `ColumnWidths`: a whitespace-delimited list of column widths; `Dimension`s (absolute width), integers (relative width) and/or 'auto' (automatic width)
Default: `none`

split_minimum_rows
The minimum number of rows to display when the table is split across pages
Accepts `Integer`: a natural number (positive integer)
Default: (no value)

repeat_head
Repeat the head when the table is split across pages
Accepts `Bool`: `true` or `false`
Default: `false`

width
Width to render the flowable at (inherited from `FlowableStyle`)
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `auto`

horizontal_align
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

space_above
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

space_below
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_left
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

margin_right
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_left
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_right
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_top
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

padding_bottom
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

keep_with_next
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

border
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_left
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_right
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_top
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

border_bottom
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

background_color
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

page_break
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

hide
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.24 TableCellStyle

class `rinoh.table.`**`TableCellStyle`**(*base=None*, ***attributes*)
Style class for `TableCell`

vertical_align
Vertical alignment of the cell contents within the available space
Accepts `VerticalAlign`: `top`, `middle`, `bottom`
Default: `middle`

width
Width to render the flowable at (inherited from `GroupedFlowablesStyle`)
Accepts `FlowableWidth`: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `fill`

title
Title to precede the flowables (inherited from `GroupedFlowablesStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text

string is a quoted string (' or "), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`flowable_spacing`
Spacing between flowables (inherited from `GroupedFlowablesStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`horizontal_align`
Horizontal alignment of the flowable (inherited from `FlowableStyle`)
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

`space_above`
Vertical space preceding the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`space_below`
Vertical space following the flowable (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_left`
Left margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`margin_right`
Right margin (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding`
Padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_left`
Left padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_right`
Right padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_top`
Top padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `0`

`padding_bottom`
Bottom padding (inherited from `FlowableStyle`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)

Default: `0`

`keep_with_next`
Keep this flowable and the next on the same page (inherited from `FlowableStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`border`
Border surrounding the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_left`
Border left of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_right`
Border right of the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_top`
Border above the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`border_bottom`
Border below the flowable (inherited from `FlowableStyle`)
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`background_color`
Color of the area within the flowable's borders (inherited from `FlowableStyle`)
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

`page_break`
Type of page break to insert before rendering this flowable (inherited from `FlowableStyle`)
Accepts `Break`: `none`, `any`, `left`, `right`, `any restart`, `left restart`, `right restart`
Default: `None`

`hide`
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.25 TableCellBorderStyle

class `rinoh.table.`**`TableCellBorderStyle`** (*base=None*, ***attributes*)
Style class for `TableCellBorder`

`stroke`
Overrides the default set in `LineStyle`
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`hide`
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

3.3.26 TableCellBackgroundStyle

class `rinoh.table.`**`TableCellBackgroundStyle`** (*base=None*, ***attributes*)
Style class for `TableCellBackground`

`fill_color`
Overrides the default set in `ShapeStyle`
Accepts `Color`: HEX string with optional alpha component (`#RRGGBB`, `#RRGGBBAA`, `#RGB` or `#RGBA`)
Default: `none`

`stroke`
Overrides the default set in `LineStyle`
Accepts `Stroke`: the width (`Dimension`) and color (`Color`) of the stroke, separated by a comma (`,`)
Default: `none`

`hide`
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

Standard Document Templates 4

Rinohtype includes a number of document templates. These are configurable and therefore should cater for most documents.

4.1 Article

The article template consists of a title page, an optional table of contents and the body text. By default, it uses a single numbering style for all pages and the same template for even and odd pages.

class `rinoh.templates.article.`**Article** (*document_tree*, *configuration=None*, *backend=None*)

`stylesheet`
Overrides the default set in `DocumentTemplate`
Accepts `StyleSheet`: the name of an Section 3.1 or the filename of a stylesheet file (with the `.rts` extension)
Default: `sphinx_article` (= `rinoh.stylesheets.sphinx_article`)

`table_of_contents`
Show or hide the table of contents
Accepts `Bool`: `true` or `false`
Default: `true`

`abstract_location`
Where to place the abstract
Accepts `AbstractLocation`: `title`, `front matter`
Default: `front matter`

`parts`
Overrides the default set in `DocumentTemplate`
Accepts `PartsList`: a space-separated list of document part template names
Default: `title front_matter contents`

`language`
The main language of the document (inherited from `DocumentTemplate`)
Accepts `Language`: the code of one of the supported languages
Default: `EN` (English)

`strings`
Strings to override standard element names (inherited from `DocumentTemplate`)
Accepts `Strings`: strings need to be entered in INI sections named after the `StringCollection` subclasses

Default: `none`

`title`
base: `None`

Type

`TitlePartTemplate`

`front_matter`
base: `None`
Overrides these defaults:
- `page_number_format` = `continue`

Type

`ArticleFrontMatter`

`contents`
base: `None`
Overrides these defaults:
- `page_number_format` = `continue`

Type

`ContentsPartTemplate`

`page`
base: `None`
Overrides these defaults:
- `page_size` = `$(paper_size)`

Type

`PageTemplate`

`title_page`
base: `page`
Overrides these defaults:
- `top_margin` = `8cm`

Type

`TitlePageTemplate`

`front_matter_page`
base: `page`

Type

`PageTemplate`

`contents_page`
base: `page`

Type

`PageTemplate`

`Configuration`
alias of `rinoh.template.ArticleConfiguration`

ConfigurationFile
alias of `rinoh.template.ArticleConfigurationFile`

class `rinoh.templates.article.`**AbstractLocation**
Where to place the article's abstract
Accepts: `title`, `front matter`

4.2 Book

The book template consists of a title page, the table of contents, the body text and an index. The front matter pages are numbered using lowercase roman numerals. The template uses different templates for even and odd pages.

class `rinoh.templates.book.`**Book** (*document_tree*, *configuration=None*, *backend=None*)

stylesheet
Overrides the default set in `DocumentTemplate`
Accepts `StyleSheet`: the name of an Section 3.1 or the filename of a stylesheet file (with the `.rts` extension)
Default: `sphinx` (= `rinoh.stylesheets.sphinx`)

parts
Overrides the default set in `DocumentTemplate`
Accepts `PartsList`: a space-separated list of document part template names
Default: `title front_matter contents back_matter`

language
The main language of the document (inherited from `DocumentTemplate`)
Accepts `Language`: the code of one of the supported languages
Default: `EN` (English)

strings
Strings to override standard element names (inherited from `DocumentTemplate`)
Accepts `Strings`: strings need to be entered in INI sections named after the `StringCollection` subclasses
Default: `none`

cover
base: `None`
Overrides these defaults:
- `drop_if_empty` = `False`
- `page_number_format` = `None`
- `end_at_page` = `left`

Type
`FixedDocumentPartTemplate`

title
base: `None`
Overrides these defaults:
- `page_number_format` = `number`
- `end_at_page` = `left`

Type

`TitlePartTemplate`

`front_matter`

base: `None`

Overrides these defaults:

- `flowables = [TableOfContentsSection(), ListOfFiguresSection(), ListOfTablesSection()]`
- `page_number_format = lowercase roman`
- `end_at_page = left`

Type

`FixedDocumentPartTemplate`

`contents`

base: `None`

Overrides these defaults:

- `page_number_format = number`
- `end_at_page = left`

Type

`ContentsPartTemplate`

`back_matter`

base: `None`

Overrides these defaults:

- `page_number_format = continue`
- `end_at_page = left`

Type

`BackMatterTemplate`

`page`

base: `None`

Overrides these defaults:

- `page_size = $(paper_size)`
- `left_margin = 1in`
- `right_margin = 1in`
- `top_margin = 1in`
- `bottom_margin = 1in`

Type

`PageTemplate`

`cover_page`

base: `page`

Type

`PageTemplate`

`title_page`

base: `page`

Type

`TitlePageTemplate`

front_matter_page

base: page

Overrides these defaults:

- header_footer_distance = 0
- header_text = None

Type

PageTemplate

front_matter_right_page

base: front_matter_page

Overrides these defaults:

- footer_text = '\t' '\t' '{PAGE_NUMBER}'
- chapter_header_text = None
- chapter_footer_text = '\t' '\t' '{PAGE_NUMBER}'
- chapter_title_height = 2.5in
- chapter_title_flowables = [<rinoh.paragraph.Paragraph object at 0x7fe23e9b0910>]

Type

PageTemplate

front_matter_left_page

base: front_matter_page

Overrides these defaults:

- footer_text = '{PAGE_NUMBER}'

Type

PageTemplate

contents_page

base: page

Overrides these defaults:

- header_text = '\t' '\t' '{DOCUMENT_TITLE}' ', ' '{DOCUMENT_SUBTITLE}'
- footer_text = '{SECTION_NUMBER(2)}' '. ' '{SECTION_TITLE(2)}' '\t' '\t' '{PAGE_NUMBER}'
- chapter_header_text = None
- chapter_footer_text = '\t' '\t' '{PAGE_NUMBER}'
- chapter_title_height = 2.4in
- chapter_title_flowables = [<rinoh.paragraph.Paragraph object at 0x7fe23e9bddc0>, <rinoh.paragraph.Paragraph object at 0x7fe23e90c130>]

Type

PageTemplate

contents_left_page

base: contents_page

Overrides these defaults:

- header_text = '{DOCUMENT_TITLE}' ', ' '{DOCUMENT_SUBTITLE}'
- footer_text = '{PAGE_NUMBER}' '\t' '\t' '{SectionTitles.chapter}' ' ' '{SECTION_NUMBER(1)}' '. ' '{SECTION_TITLE(1)}'

Type

PageTemplate

back_matter_page

base: page

Overrides these defaults:

- columns = 2
- header_footer_distance = 0

Type

PageTemplate

back_matter_right_page

base: back_matter_page

Overrides these defaults:

- header_text = '\t' '\t' '{DOCUMENT_TITLE}' ', ' '{DOCUMENT_SUBTITLE}'
- footer_text = '{SECTION_TITLE(1)}' '\t' '\t' '{PAGE_NUMBER}'
- chapter_header_text = None
- chapter_footer_text = '\t' '\t' '{PAGE_NUMBER}'
- chapter_title_height = 2.5in
- chapter_title_flowables = [<rinoh.paragraph.Paragraph object at 0x7fe23e9b0910>]

Type

PageTemplate

back_matter_left_page

base: back_matter_page

Overrides these defaults:

- header_text = '{DOCUMENT_TITLE}' ', ' '{DOCUMENT_SUBTITLE}'
- footer_text = '{PAGE_NUMBER}' '\t' '\t' '{SECTION_TITLE(1)}'

Type

PageTemplate

Configuration

alias of rinoh.template.BookConfiguration

ConfigurationFile

alias of rinoh.template.BookConfigurationFile

API Documentation 5

Note

The API documentation is still incomplete.

5.1 Attribute (`rinoh.attribute`)

class `rinoh.attribute.`**`AcceptNoneAttributeType`**
Accepts 'none' (besides other values)

class `rinoh.attribute.`**`OptionSet`**
Accepts the values listed in `values`
Accepts:

class `rinoh.attribute.`**`Attribute`** (*accepted_type*, *default_value*, *description*)
Descriptor used to describe a style attribute

class `rinoh.attribute.`**`OverrideDefault`** (*default_value*)
Overrides the default value of an attribute defined in a superclass

class `rinoh.attribute.`**`AttributesDictionary`** (*base=None*, ***attributes*)

class `rinoh.attribute.`**`RuleSet`** (*name*, *base=None*, *source=None*, ***kwargs*)

`find_source` (*name*)
Find top-most ruleset where configuration *name* is defined

class `rinoh.attribute.`**`RuleSetFile`** (*filename*, *base=None*, *source=None*, ***kwargs*)

property `location`
Textual representation of this source

property `root`
Directory path for resolving paths relative to this source

class `rinoh.attribute.`**`Bool`**
Expresses a binary choice

class `rinoh.attribute.`**`Integer`**
Accepts natural numbers

exception `rinoh.attribute.`**`ParseError`**

5.2 Color (`rinoh.color`)

class `rinoh.color.`**Color** (*red*, *green*, *blue*, *alpha=1*)
Color defined by component values

Parameters
- **red** (*float*) – red component (0 .. 1)
- **blue** (*float*) – blue component (0 .. 1)
- **green** (*float*) – green component (0 .. 1)
- **alpha** (*float*) – opacity (0 .. 1)

property rgba

classmethod parse_string (*string*, *source*)

classmethod doc_format ( )

class `rinoh.color.`**HexColor** (*string*)
Color defined as a hexadecimal string

Parameters

string (*str*) – `#RGBA` or `#RRGGBBAA` (`#` and `A` are optional)

class `rinoh.color.`**Gray** (*luminance*, *alpha=1*)
Shade of gray

Parameters
- **luminance** (*float*) – brightness (0 .. 1)
- **alpha** (*float*) – opacity (0 .. 1)

5.3 Dimension (`rinoh.dimension`)

Classes for expressing dimensions: lengths, widths, line thickness, etc.

Each dimension is expressed in terms of a unit. Several common units are are defined here as constants. To create a new dimension, multiply number with a unit:

```
height = 100*PT
width = 50*PERCENT
```

Fractional dimensions are evaluated within the context they are defined in. For example, the width of a `Flowable` is evaluated with respect to the total width available to it.

class `rinoh.dimension.`**Dimension** (*value=0*, *unit=None*)
A simple dimension

Parameters
- **value** (*int or float*) – the magnitude of the dimension
- **unit** (*DimensionUnit*) – the unit this dimension is expressed in. Default: `PT`.

grow (*value*)
Grow this dimension (in-place)
The `value` is interpreted as a magnitude expressed in the same unit as this dimension.

Parameters

value (*int or float*) – the amount to add to the magnitude of this dimension

Returns

Dimension – this (growed) dimension itself

rinoh.dimension.**PT** = **DimensionUnit(1.0, 'pt')**
PostScript points

rinoh.dimension.**PICA** = **DimensionUnit(12.0, 'pc')**
computer pica

rinoh.dimension.**INCH** = **DimensionUnit(72.0, 'in')**
imperial/US inch

rinoh.dimension.**MM** = **DimensionUnit(2.8346456692913384, 'mm')**
millimeter

rinoh.dimension.**CM** = **DimensionUnit(28.346456692913385, 'cm')**
centimeter

rinoh.dimension.**PERCENT** = **FractionUnit(100, '%')**
fraction of 100

rinoh.dimension.**QUARTERS** = **FractionUnit(4, '/4')**
fraction of 4

5.4 Document (rinoh.document)

class rinoh.document.**DocumentTree** (*flowables*, *options=None*, *style=None*, *source=None*)
Holds the document's contents as a tree of flowables

Parameters

- **flowables** (*list[Flowable]*) – the list of top-level flowables
- **options** (*Reader*) – frontend-specific options

class rinoh.document.**Document** (*document_tree*, *stylesheet*, *language*, *strings=None*, *backend=None*)
Renders a document tree to pages

Parameters

- **document_tree** (*DocumentTree*) – a tree of the document's contents
- **stylesheet** (*StyleSheet*) – style sheet used to style document elements
- **language** (*Language*) – the language to use for standard strings
- **strings** (*Strings*) – overrides localized strings provided by *language*
- **backend** – the backend used for rendering the document

render (*filename_root=None*, *file=None*)
Render the document repeatedly until the output no longer changes due to cross-references that need some iterations to converge.

5.4.1 Pages

class rinoh.document.**Page** (*document_part*, *number*, *paper*, *orientation='portrait'*)

A single page in a document.

A Page is a Container, so other containers can be added as children.

Parameters

- **document_part** (*DocumentPart*) – the document part this page is part of
- **number** (*int*) – the 1-based index of this page in the document part
- **paper** (*Paper*) – determines the dimensions of this page
- **orientation** (*PageOrientation*) – the orientation of this page

property page

Returns the page itself.

render ( )

Render the contents of this container to its canvas.

Note that the rendered contents need to be place()d on the parent container's canvas before they become visible.

place ( )

Place this container's canvas onto the parent container's canvas.

class rinoh.document.**PageOrientation**

Accepts: portrait, landscape

class rinoh.document.**PageType**

Accepts: left, right, any

class rinoh.document.**PageNumberFormat**

How (or if) page numbers are displayed

Accepts: none, number, symbol, lowercase character, uppercase character, lowercase roman, uppercase roman, continue

5.5 Drawing Primitives (rinoh.draw)

class rinoh.draw.**Stroke** (*width*, *color*)

The display properties of a line

Parameters

- **width** (*Dimension*) – the width of the line
- **color** (*Color*) – the color of the line

class rinoh.draw.**Line** (*start*, *end*, *style=None*, *parent=None*)

Draws a line

Parameters

- **start** (*2-tuple*) – coordinates for the start point of the line
- **end** (*2-tuple*) – coordinates for the end point of the line

style_class

alias of rinoh.draw.LineStyle

class rinoh.draw.**Shape** (*style=None*, *parent=None*)

Base class for closed shapes

style_class

alias of rinoh.draw.ShapeStyle

class rinoh.draw.**Polygon** (*points*, *style=None*, *parent=None*)

class rinoh.draw.**Rectangle** (*bottom_left*, *width*, *height*, *style=None*, *parent=None*)

5.6 Flowable (rinoh.flowable)

class rinoh.flowable.**Flowable** (*align=None*, *width=None*, *id=None*, *style=None*, *parent=None*, *source=None*)

A document element that can be "flowed" into a container on the page.

A flowable can adapt to the width of the container, or it can horizontally align itself in the container.

Parameters

- **align** (*HorizontalAlignment*) – horizontal alignment of the flowable
- **width** (*FlowableWidth or DimensionBase*) – the width of the flowable.

class rinoh.flowable.**FlowableState** (*flowable*, *_initial=True*)

Stores a flowable's rendering state, which can be copied.

This enables saving the rendering state at certain points in the rendering process, so rendering can later be resumed at those points, if needed.

5.6.1 No-Output Flowables

These flowables do not directly place anything on the page. All except DummyFlowable do have side-effects however. Some of these side-effects affect the rendering of the document in an indirect way.

class rinoh.flowable.**DummyFlowable** (*id=None*, *parent=None*)

A flowable that does not directly place anything on the page.

Subclasses can produce side-effects to affect the output in another way.

class rinoh.flowable.**AnchorFlowable** (*id=None*, *parent=None*)

A dummy flowable that registers a destination anchor.

Places a destination for the flowable's ID at the current cursor position.

class rinoh.flowable.**SetMetadataFlowable** (*parent=None*, ***metadata*)

A dummy flowable that stores metadata in the document.

The metadata is passed as keyword arguments. It will be available to other flowables during the rendering stage.

class rinoh.flowable.**WarnFlowable** (*message*, *parent=None*)

A dummy flowable that emits a warning during the rendering stage.

Parameters

message (*str*) – the warning message to emit

class rinoh.flowable.**PageBreak** (*page_break='any'*)

5.6.2 Labeled Flowables

class rinoh.flowable.**LabeledFlowable** (*label*, *flowable*, *id=None*, *style=None*, *parent=None*)

A flowable with a label.

The flowable and the label are rendered side-by-side. If the label exceeds the *label_max_width* style attribute value, the flowable is rendered below the label.

Parameters

- **label** (*Flowable*) – the label for the flowable
- **flowable** (*Flowable*) – the flowable to label

style_class

alias of rinoh.flowable.LabeledFlowableStyle

prepare (*flowable_target*)

Determine number labels and register references with the document

render (*container*, *last_descender*, *state*, *label_column_width=None*, *space_below=0*, ***kwargs*)

Renders the flowable's content to *container*, with the flowable's top edge lining up with the container's cursor. *descender* is the descender height of the preceding line or *None*.

class rinoh.flowable.**LabeledFlowableState** (*flowable*, *content_flowable_state*, *_initial=True*)

5.6.3 Grouping Flowables

class rinoh.flowable.**GroupedFlowables** (*align=None*, *width=None*, *id=None*, *style=None*, *parent=None*, *source=None*)

Groups a list of flowables and renders them one below the other.

Makes sure that a flowable for which *keep_with_next* is enabled is not seperated from the flowable that follows it.

Subclasses should implement flowables().

style_class

alias of rinoh.flowable.GroupedFlowablesStyle

flowables (*container*)

Generator yielding the Flowables to group

render (*container*, *descender*, *state*, *first_line_only=False*, ***kwargs*)

Renders the flowable's content to *container*, with the flowable's top edge lining up with the container's cursor. *descender* is the descender height of the preceding line or *None*.

class rinoh.flowable.**GroupedFlowablesState** (*groupedflowables*, *flowables*, *first_flowable_state=None*, *_initial=True*, *_index=0*)

class rinoh.flowable.**StaticGroupedFlowables** (*flowables*, *align=None*, *width=None*, *id=None*, *style=None*, *parent=None*, *source=None*)

Groups a static list of flowables.

Parameters

flowables (*iterable[Flowable]*) – the flowables to group

flowables (*container*)
Generator yielding the `Flowable`s to group

build_document (*flowable_target*)
Set document metadata and populate front and back matter

prepare (*flowable_target*)
Determine number labels and register references with the document

class `rinoh.flowable.`**GroupedLabeledFlowables** (*align=None, width=None, id=None, style=None, parent=None, source=None*)
Groups a list of labeled flowables, lining them up.

render (*container, descender, state, **kwargs*)
Renders the flowable's content to *container*, with the flowable's top edge lining up with the container's cursor. *descender* is the descender height of the preceding line or *None*.

5.6.4 Floating Flowables

class `rinoh.flowable.`**Float** (*align=None, width=None, id=None, style=None, parent=None, source=None*)
A flowable that can optionally be placed elsewhere on the page.
If this flowable's *float* style attribute is set to `True`, it is not flowed in line with the surrounding flowables, but it is instead flowed into another container pointed to by the former's `Container.float_space` attribute.
This is typically used to place figures and tables at the top or bottom of a page, instead of in between paragraphs.

flow (*container, last_descender, state=None, **kwargs*)
Flow this flowable into *container* and return the vertical space consumed.
The flowable's contents are preceded by a vertical space with a height as specified in its style's *space_above* attribute. Similarly, the flowed content is followed by a vertical space with a height given by the *space_below* style attribute.

5.6.5 Styling Properties

class `rinoh.flowable.`**HorizontalAlignment**
Controls horizontal placement
Accepts: `left`, `right`, `center`

class `rinoh.flowable.`**FlowableWidth**
Controls the width of a flowable
Accepts: `auto`, `fill` or a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)

5.7 Fonts and Typefaces (`rinoh.font`)

Classes for fonts and typefaces.

class `rinoh.font.`**Font** (*filename, weight, slant, width*)
A collection of glyphs in a particular style
This is a base class for classes that parse different font formats. See `rinoh.font.type1` and `rinoh.font.opentype`.

Parameters

- **filename** (*str*) – filename of the font file to load
- **weight** (*FontWeight*) – weight of the font
- **slant** (*FontSlant*) – slant of the font
- **width** (*FontWidth*) – width of the font

encoding

If no encoding is set for the `Font`, glyphs are addressed by glyph ID (and thus support more than 256 glyphs).

get_glyph (*char*, *variant*)

Return the glyph for a particular character

If the glyph of requested font variant is not present in the font, the *normal* variant is returned instead. If that is not present either, an exception is raised.

Parameters

- **char** (*str of length 1*) – the character for which to find the glyph
- **variant** (*FontVariant*) – the variant of the glyph to return

Returns

GlyphMetrics – the requested glyph

Raises

MissingGlyphException – when the requested glyph is not present in the font

get_ligature (*glyph*, *successor_glyph*)

Return the ligature to replace the given glyphs

If no ligature is defined in the font for the given glyphs, return `None`.

Parameters

- **glyph** (*GlyphMetrics*) – the first of the glyphs to combine
- **successor_glyph** (*GlyphMetrics*) – the second of the glyphs to combine

Returns

GlyphMetrics or None – the ligature to replace the given glyphs

get_kerning (*a*, *b*)

Look up the kerning for two glyphs

Parameters

- **a** (*GlyphMetrics*) – the first of the glyphs
- **b** (*GlyphMetrics*) – the second of the glyphs

Returns

float – the kerning value in font units

class `rinoh.font.`**Typeface** (*name*, **fonts*)

A set of fonts that share common design features

The fonts collected in a typeface differ in weight, width and/or slant.

Parameters

***fonts** (`Font`) – the fonts that make up this typeface

fonts ( )

Generator yielding all fonts of this typeface

Yields

Font – the next font in this typeface

get_font (*weight=400, slant='upright', width=5*)

Return the font matching or closest to the given style

If a font with the given weight, slant and width is available, return it. Otherwise, return the font that is closest in style.

Parameters

- **weight** (*FontWeight*) – weight of the font
- **slant** (*FontSlant*) – slant of the font
- **width** (*FontWidth*) – width of the font

Returns

Font – the requested font

class rinoh.font.style.**FontWeight**

Accepts: `hairline`, `thin`, `ultra-light`, `extra-light`, `light`, `regular`, `normal`, `book`, `roman`, `medium`, `semi-bold`, `demi-bold`, `bold`, `extra-bold`, `ultra-bold`, `black`, `heavy`, `extra-black`, `ultra-black`

class rinoh.font.style.**FontSlant**

Accepts: `upright`, `oblique`, `italic`

class rinoh.font.style.**FontWidth**

Accepts: `ultra-condensed`, `extra-condensed`, `condensed`, `semi-condensed`, `normal`, `medium`, `semi-expanded`, `expanded`, `extra-expanded`, `ultra-expanded`

class rinoh.font.style.**FontVariant**

Accepts: `normal`, `small capital`, `oldstyle figures`

class rinoh.font.style.**TextPosition**

Accepts: `normal`, `superscript`, `subscript`

5.8 Images and Figures (rinoh.image)

class rinoh.image.**Image** (*filename_or_file, scale=1.0, width=None, height=None, dpi=None, rotate=0, limit_width=<rinoh.dimension.Fraction object>, align=None, id=None, style=None, parent=None, source=None*)

class rinoh.image.**InlineImage** (*filename_or_file, scale=1.0, width=None, height=None, dpi=None, rotate=0, baseline=None, id=None, style=None, parent=None, source=None*)

arguments

alias of `rinoh.image.InlineImageArgs`

class rinoh.image.**BackgroundImage** (*filename_or_file, scale=1.0, width=None, height=None, dpi=None, rotate=0, limit_width=<rinoh.dimension.Fraction object>, align=None, id=None, style=None, parent=None, source=None*)

Image to place in the background of a page

Takes the same arguments as `Image`.

arguments

alias of `rinoh.image.ImageArgs`

class `rinoh.image.`**`ImageArgs`** (*base=None*, ***attributes*)

`limit_width`
Limit the image width when none of `scale`, `width` and `height` are given and the image would be wider than the container
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `100%`

`align`
How to align the image within the page
Accepts `HorizontalAlignment`: `left`, `right`, `center`
Default: `left`

`file_or_filename`
Path to the image file (inherited from `ImageArgsBase`)
Accepts `ImagePath`: path to an image file enclosed in quotes
Default: `none`

`scale`
Scaling factor for the image (inherited from `ImageArgsBase`)
Accepts `Scale`: `fit`, `fill` or a float larger than 0
Default: `fit`

`width`
The width to scale the image to (inherited from `ImageArgsBase`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `none`

`height`
The height to scale the image to (inherited from `ImageArgsBase`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `none`

`dpi`
Overrides the DPI value set in the image (inherited from `ImageArgsBase`)
Accepts `Integer`: a natural number (positive integer)
Default: (no value)

`rotate`
Angle in degrees to rotate the image (inherited from `ImageArgsBase`)
Accepts `Integer`: a natural number (positive integer)
Default: (no value)

class `rinoh.image.`**`Scale`**
Scaling factor for images

Can be a numerical value where a value of 1 keeps the image's original size or one of `values`.
Accepts: `fit`, `fill` or a float larger than 0

class `rinoh.image.`**`Caption`** (*content*, *custom_label=None*, *align=None*, *width=None*, *id=None*, *style=None*, *parent=None*, *source=None*)

`style_class`
alias of `rinoh.image.CaptionStyle`

class rinoh.image.**Figure** (*flowables*, *align=None*, *width=None*, *id=None*, *style=None*, *parent=None*, *source=None*)

style_class
alias of rinoh.image.FigureStyle

class rinoh.image.**ListOfFiguresSection**

list_class
alias of rinoh.image.ListOfFigures

class rinoh.image.**ListOfFigures** (*local=False*, *id=None*, *style=None*, *parent=None*)

5.9 Index (rinoh.index)

class rinoh.index.**IndexSection** (*title=None*, *flowables=None*, *style=None*)

class rinoh.index.**Index** (*id=None*, *style=None*, *parent=None*)

style_class
alias of rinoh.index.IndexStyle

flowables (*container*)
Generator yielding the Flowables to group

class rinoh.index.**IndexLabel** (*content*, *custom_label=None*, *align=None*, *width=None*, *id=None*, *style=None*, *parent=None*, *source=None*)

class rinoh.index.**IndexTerm** (**levels*)

class rinoh.index.**InlineIndexTarget** (*index_terms*, **args*, ***kwargs*)

to_string (*flowable_target*)
Return the text content of this styled text.

class rinoh.index.**IndexTarget** (*index_terms*, *parent=None*)

flow (*container*, *last_descender*, *state=None*, ***kwargs*)
Flow this flowable into *container* and return the vertical space consumed.
The flowable's contents are preceded by a vertical space with a height as specified in its style's *space_above* attribute. Similarly, the flowed content is followed by a vertical space with a height given by the *space_below* style attribute.

5.10 Language (rinoh.language)

class rinoh.language.**Language** (*code*, *name*)
Collects localized strings for a particular language

Parameters
- **code** (*str*) – short code identifying the language
- **name** (*str*) – native name of the language

languages
Dictionary mapping codes to Languages

The following languages are supported:

`rinoh.language.`**`EN`**` = Language('en', 'English')`

Localized strings for English

SectionTitles

Contents

Table of Contents

List_of_figures

List of Figures

List_of_tables

List of Tables

Chapter

Chapter

Index

Index

AdmonitionTitles

Attention

Attention!

Caution

Caution!

Danger

!DANGER!

Error

Error

Hint

Hint

Important

Important

Note

Note

Tip Tip

Warning

Warning

Seealso

See also

`rinoh.language.`**`FR`**` = Language('fr', 'Français')`

Localized strings for Français

SectionTitles

Contents

Table des Matières

List_of_figures

Liste des Figures

List_of_tables

Liste des Tableaux

Chapter

Chapitre

Index

Index

AdmonitionTitles

Attention

Attention!

Caution

Prudence!

Danger

!DANGER!

Error

Erreur

Hint

Conseil

Important

Important

Note

Note

Tip Astuce

Warning

Avertissement

Seealso

Voir aussi

`rinoh.language.`**`IT`** **= Language('it', 'Italiano')**

Localized strings for Italiano

SectionTitles

Contents

Contenuti

List_of_figures

Elenco delle Figure

List_of_tables

Elenco delle Tabelle

Chapter

Capitolo

Index

Indice

AdmonitionTitles

Attention
: Attenzione!

Caution
: Prudenza!

Danger
: !PERICOLO!

Error
: Errore

Hint
: Consiglio

Important
: Importante

Note
: Nota

Tip Suggerimento

Warning
: Avvertimento

Seealso
: Vedi anche

`rinoh.language.`**`NL`**` = Language('nl', 'Nederlands')`

Localized strings for Nederlands

SectionTitles

Contents
: Inhoudsopgave

List_of_figures
: Lijst van Figuren

List_of_tables
: Lijst van Tabellen

Chapter
: Hoofdstuk

Index
: Index

AdmonitionTitles

Attention
: Opgelet!

Caution
: Pas op!

Danger
: !GEVAAR!

Error
: Fout

Hint

Hint

Important

Belangrijk

Note

Noot

Tip Tip

Warning

Waarschuwing

Seealso

Zie ook

`rinoh.language.`**`PL`** **= Language('pl', 'Polski')**

Localized strings for Polski

SectionTitles

Contents

Spis Treści

List_of_figures

Spis Ilustracji

List_of_tables

Spis Tabel

Chapter

Rozdział

Index

Skorowidz

AdmonitionTitles

Attention

Uwaga!

Caution

Ostrożnie!

Danger

!NIEBEZPIECZEŃSTWO!

Error

Błąd

Hint

Wskazówka

Important

Ważne

Note

Notatka

Tip Porada

Warning

Ostrzeżenie

Seealso

Zobacz również

5.11 Number (`rinoh.number`)

class `rinoh.number.`**`NumberFormat`**
How (or if) numbers are displayed

Instead of a numbering format, it's possible to supply a custom label (`StyledText`) to show instead of the number.
Accepts: `none`, `number`, `symbol`, `lowercase character`, `uppercase character`, `lowercase roman`, `uppercase roman`

class `rinoh.number.`**`Label`** (*custom_label=None*)
Mixin class that formats a label

Parameters

`custom_label` (*`StyledText`*) – a frontend can supply a custom label to use instead of an automatically determined label (typically a number)

class `rinoh.number.`**`LabelStyle`** (*base=None*, ***attributes*)
Style class for `Label`

`label_prefix`
Text to prepend to the label
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`label_suffix`
Text to append to the label
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`custom_label`
Use a custom label if specified
Accepts `Bool`: `true` or `false`
Default: `false`

`hide`
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

class `rinoh.number.`**`NumberStyle`** (*base=None*, ***attributes*)
Style class for `Number`

`number_format`
How numbers are formatted
Accepts `NumberFormat`: `none`, `number`, `symbol`, `lowercase character`,

`uppercase character`, `lowercase roman`, `uppercase roman`
Default: `number`

`label_prefix`
Text to prepend to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`label_suffix`
Text to append to the label (inherited from `LabelStyle`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`custom_label`
Use a custom label if specified (inherited from `LabelStyle`)
Accepts `Bool`: `true` or `false`
Default: `false`

`hide`
Suppress rendering this element (inherited from `Style`)
Accepts `Bool`: `true` or `false`
Default: `false`

`rinoh.number.`**`format_number`** (*number*, *format*)
Format *number* according the given *format* (`NumberFormat`)

5.12 Paper sizes (`rinoh.paper`)

The `Paper` class and a number of predefined paper formats.

class `rinoh.paper.`**`Paper`** (*name*, *width*, *height*)
Defines a paper size.

Parameters
- **`name`** (*`str`*) – the name of this paper type
- **`width`** (*`Dimension`*) – the (portrait) width of this paper type
- **`height`** (*`Dimension`*) – the (portrait) height of this paper type

`rinoh.paper.`**`A0 = Paper('A0', width=841*MM, height=1189*MM)`**

`rinoh.paper.`**`A1 = Paper('A1', width=594*MM, height=841*MM)`**

`rinoh.paper.`**`A2 = Paper('A2', width=420*MM, height=594*MM)`**

`rinoh.paper.`**`A3 = Paper('A3', width=297*MM, height=420*MM)`**

`rinoh.paper.`**`A4 = Paper('A4', width=210*MM, height=297*MM)`**

`rinoh.paper.`**`A5 = Paper('A5', width=148*MM, height=210*MM)`**

`rinoh.paper.`**`A6 = Paper('A6', width=105*MM, height=148*MM)`**

`rinoh.paper.`**`A7 = Paper('A7', width=74*MM, height=105*MM)`**

rinoh.paper.**A8** = Paper('A8', width=52*MM, height=74*MM)

rinoh.paper.**A9** = Paper('A9', width=37*MM, height=52*MM)

rinoh.paper.**A10** = Paper('A10', width=26*MM, height=37*MM)

rinoh.paper.**LETTER** = Paper('letter', width=8.5*INCH, height=11*INCH)

rinoh.paper.**LEGAL** = Paper('legal', width=8.5*INCH, height=14*INCH)

rinoh.paper.**JUNIOR_LEGAL** = Paper('junior legal', width=8*INCH, height=5*INCH)

rinoh.paper.**LEDGER** = Paper('ledger', width=17*INCH, height=11*INCH)

rinoh.paper.**TABLOID** = Paper('tabloid', width=11*INCH, height=17*INCH)

5.13 Paragraph (rinoh.paragraph)

class rinoh.paragraph.**ParagraphBase** (*custom_label=None*, *align=None*, *width=None*, *id=None*, *style=None*, *parent=None*, *source=None*)

Base class for paragraphs

A paragraph holds styled text and other line elements to be flowed into a container.

style_class

alias of rinoh.paragraph.ParagraphStyle

prepare (*flowable_target*)

Determine number labels and register references with the document

render (*container*, *descender*, *state*, *space_below=0*, *first_line_only=False*)

Typeset the paragraph

The paragraph is typeset in the given container starting below the current cursor position of the container. When the end of the container is reached, the rendering state is preserved to continue setting the rest of the paragraph when this method is called with a new container.

Parameters

- **container** (*Container*) – the container to render to
- **descender** (*float or None*) – descender height of the preceding line
- **state** (*ParagraphState*) – the state where rendering will continue
- **first_line_only** (*bool*) – typeset only the first line

class rinoh.paragraph.**Paragraph** (*content*, *custom_label=None*, *align=None*, *width=None*, *id=None*, *style=None*, *parent=None*, *source=None*)

class rinoh.paragraph.**ParagraphState** (*paragraph*, *words*, *nested_flowable_state=None*, *_first_word=None*, *_initial=True*)

5.13.1 Styled Text (rinoh.text)

class rinoh.text.**StyledText** (*id=None*, *style=None*, *parent=None*, *source=None*)

Base class for text that has a TextStyle associated with it.

to_string (*flowable_target*)

Return the text content of this styled text.

is_script (*container*)
Returns *True* if this styled text is super/subscript.

script_level (*container*)
Nesting level of super/subscript.

height (*container*)
Font size after super/subscript size adjustment.

y_offset (*container*)
Vertical baseline offset (up is positive).

property items
The list of items in this StyledText.

style_class
alias of `rinoh.text.TextStyle`

class `rinoh.text.`**SingleStyledText** (*text*, *style=None*, *parent=None*, *source=None*)
Text with a single style applied

class `rinoh.text.`**MixedStyledText** (*text_or_items*, *id=None*, *style=None*, *parent=None*, *source=None*)
Concatenation of styled text

Parameters
- **text_or_items** (*str*, *StyledText or iterable of these*) – mixed styled text
- **style** – see `Styled`
- **parent** – see `DocumentElement`

prepare (*flowable_target*)
Determine number labels and register references with the document

append (*item*)
Append *item* (`StyledText` or `str`) to the end of this mixed-styled text.
The parent of *item* is set to this mixed-styled text.

property items
The list of items in this StyledText.

copy (*parent=None*)
Return a shallow copy of the list.

class `rinoh.text.`**Locale**
Selects a language

5.13.2 Inline Elements (`rinoh.inline`)

class `rinoh.inline.`**InlineFlowable** (*baseline=None*, *id=None*, *style=None*, *parent=None*, *source=None*)

style_class
alias of `rinoh.inline.InlineFlowableStyle`

5.13.3 Styling Properties

class rinoh.paragraph.**TextAlign**
Text justification
Accepts: `left`, `right`, `center`, `justify`

Line Spacing

class rinoh.paragraph.**LineSpacing**
Base class for line spacing types
Line spacing is defined as the distance between the baselines of two consecutive lines of text in a paragraph.

advance (*line*, *last_descender*, *container*)
Return the distance between the descender of the previous line and the baseline of the current line.

class rinoh.paragraph.**DefaultSpacing**
The default line spacing as specified by the font.

advance (*line*, *last_descender*, *container*)
Return the distance between the descender of the previous line and the baseline of the current line.

class rinoh.paragraph.**ProportionalSpacing** (*factor*)
Line spacing proportional to the line height

Parameters

factor (*float*) – amount by which the line height is multiplied to obtain the line spacing

advance (*line*, *last_descender*, *container*)
Return the distance between the descender of the previous line and the baseline of the current line.

class rinoh.paragraph.**FixedSpacing** (*pitch*, *minimum=ProportionalSpacing(1.0)*)
Fixed line spacing, with optional minimum spacing

Parameters

- **pitch** (*Dimension*) – the distance between the baseline of two consecutive lines of text
- **minimum** (*LineSpacing*) – the minimum line spacing to prevents lines with large fonts (or inline elements) from overlapping; set to `None` if no minimum is required, set to *None*

advance (*line*, *last_descender*, *container*)
Return the distance between the descender of the previous line and the baseline of the current line.

class rinoh.paragraph.**Leading** (*leading*)
Line spacing determined by the space in between two lines

Parameters

leading (*Dimension*) – the space between the bottom of a line and the top of the next line of text

advance (*line*, *last_descender*, *container*)
Return the distance between the descender of the previous line and the baseline of the current line.

The following standard line spacings have been predefined:

`rinoh.paragraph.`**DEFAULT = DefaultSpacing()**
The default line spacing as specified by the font.

`rinoh.paragraph.`**STANDARD = ProportionalSpacing(1.2)**
Line spacing of 1.2 times the line height.

`rinoh.paragraph.`**SINGLE = ProportionalSpacing(1.0)**
Line spacing equal to the line height (no leading).

`rinoh.paragraph.`**DOUBLE = ProportionalSpacing(2.0)**
Line spacing of double the line height.

Tabulation

class `rinoh.paragraph.`**TabAlign**
Alignment of text with respect to a tab stop
Accepts: `left`, `right`, `center`

class `rinoh.paragraph.`**TabStop** (*position*, *align='left'*, *fill=None*)
Horizontal position for aligning text of successive lines

Parameters
- **position** (`Dimension` or `Fraction`) – tab stop position
- **align** (*`TabAlign`*) – the alignment of text with respect to the tab stop positon
- **fill** (*`str`*) – string pattern to fill the empty tab space with

get_position (*line_width*)
Return the absolute position of this tab stop.

class `rinoh.paragraph.`**TabStopList** (*iterable=()*, */*)
List of tab stop positions (with alignment and fill string)

5.13.4 Rendering Internals

class `rinoh.paragraph.`**Glyph** (*glyph*, *width*, *char*)

class `rinoh.paragraph.`**GlyphsSpan** (*span*, *chars_to_glyphs*, *glyphs_and_widths=[]*)

5.13.5 Miscellaneous Internals

class `rinoh.paragraph.`**HyphenatorStore**

5.14 Cross-References and Fields (`rinoh.reference`)

class `rinoh.reference.`**Reference** (*target_id*, **args*, ***kwargs*)

class `rinoh.reference.`**ReferenceField** (*type=None*, *custom_title=None*, *style=None*, *parent=None*, *source=None*)

class rinoh.reference.**ReferenceText** (*id=None*, *style=None*, *parent=None*, *source=None*)

class rinoh.reference.**ReferenceType**
Accepts: `reference`, `number`, `title`, `page`, `custom`

class rinoh.reference.**ReferencingParagraph** (*target_id_or_flowable*, *id=None*, *style=None*, *parent=None*)

style_class
alias of rinoh.reference.ReferencingParagraphStyle

target_style (*document*)
Filter selection on the `style` attribute of the target flowable

target_has_class (*document*)
Filter selection on a class of the target flowable

target_has_classes (*document*)
Filter selection on a set of classes of the target flowable

target_is_of_type (*document*)
Filter selection on the type of the target flowable

class rinoh.reference.**Note** (*flowable*, *id=None*, *style=None*, *parent=None*)

class rinoh.reference.**RegisterNote** (*note*, *parent=None*)

prepare (*flowable_target*)
Determine number labels and register references with the document

class rinoh.reference.**NoteMarkerBase** (*custom_label=None*, ***kwargs*)

style_class
alias of rinoh.reference.NoteMarkerStyle

prepare (*flowable_target*)
Determine number labels and register references with the document

class rinoh.reference.**NoteMarkerByID** (*target_id*, **args*, ***kwargs*)

class rinoh.reference.**NoteMarkerWithNote** (*referenceable*, *type='number'*, ***kwargs*)

prepare (*flowable_target*)
Determine number labels and register references with the document

class rinoh.reference.**Field** (*type*, *id=None*, *style=None*, *parent=None*, *source=None*)

5.15 Structure (rinoh.structure)

5.15.1 Sections

class rinoh.structure.**Section** (*flowables*, *align=None*, *width=None*, *id=None*, *style=None*, *parent=None*, *source=None*)
A subdivision of a document
A section usually has a heading associated with it, which is optionally numbered.

class `rinoh.structure.`**`Heading`** (*content*, *custom_label=None*, *align=None*, *width=None*, *id=None*, *style=None*, *parent=None*, *source=None*)

The title for a section

Parameters

`title` (*`StyledText`*) – this heading's text

`style_class`

alias of `rinoh.structure.HeadingStyle`

`prepare` (*container*)

Determine number labels and register references with the document

`flow` (*container*, *last_descender*, *state=None*, ***kwargs*)

Flow this flowable into *container* and return the vertical space consumed.

The flowable's contents are preceded by a vertical space with a height as specified in its style's *space_above* attribute. Similarly, the flowed content is followed by a vertical space with a height given by the *space_below* style attribute.

class `rinoh.structure.`**`SectionTitles`** (***strings*)

Collection of localized titles for common sections

`contents`

Title for the table of contents section

Type

`String`

`list_of_figures`

Title for the list of figures section

Type

`String`

`list_of_tables`

Title for the list of tables section

Type

`String`

`chapter`

Label for top-level sections

Type

`String`

`index`

Title for the index section

Type

`String`

5.15.2 Lists

class `rinoh.structure.`**`List`** (*list_items*, *start_index=1*, *id=None*, *style=None*, *parent=None*)

`style_class`
alias of `rinoh.structure.ListStyle`

class `rinoh.structure.`**`DefinitionList`** (*flowables*, *align=None*, *width=None*, *id=None*, *style=None*, *parent=None*, *source=None*)

5.15.3 Table of Contents

class `rinoh.structure.`**`TableOfContentsSection`**

class `rinoh.structure.`**`TableOfContents`** (*local=False*, *id=None*, *style=None*, *parent=None*)

`style_class`
alias of `rinoh.structure.TableOfContentsStyle`

`flowables` (*container*)
Generator yielding the `Flowable`s to group

class `rinoh.structure.`**`TableOfContentsEntry`** (*flowable*, *id=None*, *style=None*, *parent=None*)

`style_class`
alias of `rinoh.structure.TableOfContentsEntryStyle`

5.15.4 Adminitions

class `rinoh.structure.`**`Admonition`** (*flowables*, *title=None*, *type=None*, *id=None*, *style=None*, *parent=None*)

`style_class`
alias of `rinoh.structure.AdmonitionStyle`

`flowables` (*container*)
Generator yielding the `Flowable`s to group

class `rinoh.structure.`**`AdmonitionTitles`** (***strings*)
Collection of localized titles for common admonitions

`attention`
Title for attention admonitions

Type
`String`

`caution`
Title for caution admonitions

Type
`String`

danger
Title for danger admonitions

Type

`String`

error
Title for error admonitions

Type

`String`

hint
Title for hint admonitions

Type

`String`

important
Title for important admonitions

Type

`String`

note
Title for note admonitions

Type

`String`

tip
Title for tip admonitions

Type

`String`

warning
Title for warning admonitions

Type

`String`

seealso
Title for see-also admonitions

Type

`String`

5.15.5 Horizontal Rule

class `rinoh.structure.`**`HorizontalRule`** (*align=None*, *width=None*, *id=None*, *style=None*, *parent=None*, *source=None*)

style_class
alias of `rinoh.structure.HorizontalRuleStyle`

render (*container*, *descender*, *state*, ***kwargs*)
Renders the flowable's content to *container*, with the flowable's top edge lining up with

the container's cursor. *descender* is the descender height of the preceding line or *None*.

5.16 Strings (`rinoh.strings`)

class `rinoh.strings.`**`String`**(*description*)
Descriptor used to describe a configurable string

Parameters

`description` (*`str`*) – a short description for this string

class `rinoh.strings.`**`StringCollection`**(***strings*)
A collection of related configurable strings

Subclasses

- `AdmonitionTitles`
- `SectionTitles`
- `UserStrings`

class `rinoh.strings.`**`UserStrings`**(***strings*)
Collection of user-specified strings
Unlike other string collections, these are not limited to a predefined set.
Attributes:

class `rinoh.strings.`**`Strings`**(**string_collections*)
Stores several `StringCollection`s

class `rinoh.strings.`**`StringField`**(*strings_class*, *key*, *style=None*, *parent=None*, *source=None*)
Styled text that will be substituted with a configured string
The displayed string is either the localized string as determined by the language set for the document or the user-supplied string passed to the `TemplateConfiguration`.

5.17 Style (`rinoh.style`)

class `rinoh.style.`**`Styled`**(*id=None*, *style=None*, *parent=None*, *source=None*)
A document element who's style can be configured.

Parameters

`style` (*`str`*, *`Style`*) – the style to associate with this element. If *style* is a string, the corresponding style is lookup up in the document's style sheet by means of selectors.

`style_class`
The `Style` subclass that corresponds to this `Styled` subclass.

property `has_id`
Filter selection on an ID of this `Styled`

property `has_class`
Filter selection on a class of this `Styled`

property `has_classes`
Filter selection on a set of classes of this `Styled`

class `rinoh.style.`**`Style`** (*base=None*, ***attributes*)

Dictionary storing style attributes.

The style attributes associated with this `Style` are specified as class attributes of type `Attribute`.

Style attributes can also be accessed as object attributes.

`hide`

Suppress rendering this element

Accepts `Bool`: `true` or `false`

Default: `false`

5.17.1 Style Sheet

class `rinoh.style.`**`StyleSheet`** (*name*, *matcher=None*, *base=None*, *source=None*, *description=None*, *pygments_style=None*, ***user_options*)

Dictionary storing a collection of related styles by name.

`Style`s stored in a `StyleSheet` can refer to their base style by name.

Parameters

- **`name`** (*`str`*) – a label for this style sheet
- **`matcher`** (*`StyledMatcher`*) – the matcher providing the selectors the styles contained in this style sheet map to. If no matcher is given and *base* is specified, the *base*'s matcher is used. If *base* is not set, the default matcher is used.
- **`base`** (*`StyleSheet or str`*) – the style sheet to extend
- **`description`** (*`str`*) – a short string describing this style sheet
- **`pygments_style`** (*`str`*) – the Pygments style to use for styling code blocks

`get_selector` (*name*)

Find a selector mapped to a style in this or a base style sheet.

Parameters

`name` (*`str`*) – a style name

Returns

`Selector` – the selector mapped to the style *name*

Raises

`KeyError` – if the style *name* was not found in this or a base style sheet

class `rinoh.style.`**`StyleSheetFile`** (*filename*, *base=None*, *source=None*, ***kwargs*)

Loads styles defined in a *.rts* file (INI format).

Parameters

`filename` (*`str`*) – the path to the style sheet file

`StyleSheetFile` takes the same optional arguments as `StyleSheet`. These can also be specified in the `[STYLESHEET]` section of the style sheet file. If an argument is specified in both places, the one passed as an argument overrides the one specified in the style sheet file.

class `rinoh.style.`**`StyledMatcher`** (*mapping_or_iterable=None*, ***kwargs*)

Dictionary mapping labels to selectors.

This matcher can be initialized in the same way as a `dict` by passing a mapping, an interable and/or keyword arguments.

`update` (***F* [, *E*]) → None. Update D from dict/iterable E and F.

If E is present and has a .keys() method, then does: for k in E: D[k] = E[k] If E is

present and lacks a .keys() method, then does: for k, v in E: D[k] = v In either case, this is followed by: for k in F: D[k] = F[k]

5.18 Tables (`rinoh.table`)

class `rinoh.table.`**Table** (*body*, *head=None*, *align=None*, *width=None*, *column_widths=None*, *id=None*, *style=None*, *parent=None*)

style_class
alias of `rinoh.table.TableStyle`

prepare (*flowable_target*)
Determine number labels and register references with the document

render (*container*, *last_descender*, *state*, *space_below=0*, ***kwargs*)
Renders the flowable's content to *container*, with the flowable's top edge lining up with the container's cursor. *descender* is the descender height of the preceding line or *None*.

class `rinoh.table.`**TableWithCaption** (*flowables*, *align=None*, *width=None*, *id=None*, *style=None*, *parent=None*, *source=None*)

style_class
alias of `rinoh.table.TableWithCaptionStyle`

class `rinoh.table.`**TableSection** (*rows*, *style=None*, *parent=None*)

prepare (*flowable_target*)
Determine number labels and register references with the document

class `rinoh.table.`**TableHead** (*rows*, *style=None*, *parent=None*)

class `rinoh.table.`**TableBody** (*rows*, *style=None*, *parent=None*)

class `rinoh.table.`**TableRow** (*cells*, *style=None*, *parent=None*)

prepare (*flowable_target*)
Determine number labels and register references with the document

get_rowspanned_columns ( )
Return a dictionary mapping column indices to the number of columns spanned.

class `rinoh.table.`**TableCell** (*flowables*, *rowspan=1*, *colspan=1*, *id=None*, *style=None*, *parent=None*)

style_class
alias of `rinoh.table.TableCellStyle`

class `rinoh.table.`**TableCellBorder** (*rendered_cell*, *cell_height*, *position*, *style=None*)

style_class
alias of `rinoh.table.TableCellBorderStyle`

class `rinoh.table.`**TableCellBackground** (*bottom_left*, *width*, *height*, *style=None*, *parent=None*)

style_class
alias of `rinoh.table.TableCellBackgroundStyle`

class rinoh.table.**VerticalAlign**
Accepts: top, middle, bottom

class rinoh.table.**ListOfTables** (*local=False*, *id=None*, *style=None*, *parent=None*)

class rinoh.table.**ListOfTablesSection**

list_class
alias of rinoh.table.ListOfTables

5.19 Templates (rinoh.template)

5.19.1 Documents

Document templates are created by subclassing DocumentTemplate, just like the Chapter 4 shipped with rinohtype.

class rinoh.template.**DocumentTemplate** (*document_tree*, *configuration=None*, *backend=None*)
Template for documents

Parameters
- **document_tree** (*DocumentTree*) – a tree of the document's contents
- **configuration** (*TemplateConfiguration*) – configuration for this template
- **backend** – the backend used for rendering the document

language
The main language of the document
Accepts Language: the code of one of the supported languages
Default: EN (English)

strings
Strings to override standard element names
Accepts Strings: strings need to be entered in INI sections named after the StringCollection subclasses
Default: none

stylesheet
The stylesheet to use for styling document elements
Accepts StyleSheet: the name of an Section 3.1 or the filename of a stylesheet file (with the .rts extension)
Default: sphinx (= rinoh.stylesheets.sphinx)

parts
The parts making up this document
Accepts PartsList: a space-separated list of document part template names
Default: (empty list)

Configuration
alias of rinoh.template.DocumentTemplateConfiguration

ConfigurationFile
alias of rinoh.template.DocumentTemplateConfigurationFile

Document templates can be customized by setting values for the configuration attributes

defined in a `DocumentTemplate` subclass in a `TemplateConfiguration`. An template configuration can be passed as *configuration* on template instantiation. However, it is better to make use of the `document` method, however.

class `rinoh.template.`**`TemplateConfiguration`** (*name*, *base=None*, *source=None*, *template=None*, *description=None*, ***options*)

Stores a configuration for a `DocumentTemplate`

Parameters

- **`name`** (*`str`*) – a label for this template configuration
- **`base`** (*`TemplateConfiguration`*) – the template configuration to extend
- **`template`** (*`DocumentTemplateMeta or str`*) – the document template to configure
- **`description`** (*`str`*) – a short string describing this style sheet
- **`**options`** – configuration values for the configuration attributes defined by the document `template`

`template` = None

The `DocumentTemplate` subclass to configure

`document` (*document_tree*, *backend=None*)

Create a `DocumentTemplate` object based on the given document tree and this template configuration

Parameters

- **`document_tree`** (*`DocumentTree`*) – tree of the document's contents
- **`backend`** – the backend to use when rendering the document

class `rinoh.template.`**`PartsList`** (**parts*)

Stores the names of the document part templates making up a document

Parameters

`*parts` (*`list[str]`*) – the names of the document parts

5.19.2 Document Parts

class `rinoh.template.`**`DocumentPart`** (*template*, *document*, *flowables*, *last_number_format*)

Part of a document.

Parameters

- **`template`** (*`DocumentPartTemplate`*) – the template that determines the contents and style of this document part
- **`document`** (*`Document`*) – the document this part belongs to
- **`flowables`** (*`list[Flowable]`*) – the flowables to render in this document part

`configuration_class`

alias of `rinoh.template.DocumentPartTemplate`

`add_page` (*page*)

Append *page* (`Page`) to this `DocumentPart`.

`new_page` (*page_number*, *new_chapter*, ***kwargs*)

Called by `render()` with the `Chain`s that need more :class:`Container`s. This method should create a new :class:`Page` which contains a container associated with *chain*.

The document part templates which are listed by name in `DocumentTemplate.parts` are

looked up as attributes of the `DocumentTemplate` subclass. They are instances of `DocumentPartTemplate` subclasses:

class `rinoh.template.`**`DocumentPartTemplate`** (*base=None, **attributes*)

A template that produces a document part

The document part is created given a set of flowables, and page templates. The latter are looked up in the `TemplateConfiguration` where this part template was.

`page_number_prefix`

Text to place in front ofthe page number.

Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`

Default: (no value)

`page_number_format`

The format for page numbers in this document part.

Accepts `PageNumberFormat`: `none`, `number`, `symbol`, `lowercase character`, `uppercase character`, `lowercase roman`, `uppercase roman`, `continue`

Default: `number`

`end_at_page`

The type of page to end this document part on

Accepts `PageType`: `left`, `right`, `any`

Default: `any`

`drop_if_empty`

Exclude this part from the document if it is empty (no flowables)

Accepts `Bool`: `true` or `false`

Default: `true`

The following document part templates are used in the standard document templates:

class `rinoh.template.`**`TitlePartTemplate`** (*base=None, **attributes*)

The title page of a document.

`drop_if_empty`

Overrides the default set in `DocumentPartTemplate`

Accepts `Bool`: `true` or `false`

Default: `false`

`page_number_prefix`

Text to place in front ofthe page number. (inherited from `DocumentPartTemplate`)

Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`

Default: (no value)

`page_number_format`

The format for page numbers in this document part. (inherited from `DocumentPartTemplate`)

Accepts `PageNumberFormat`: `none`, `number`, `symbol`, `lowercase character`, `uppercase character`, `lowercase roman`, `uppercase roman`, `continue`

Default: `number`

`end_at_page`

The type of page to end this document part on (inherited from `DocumentPartTemplate`)

Accepts `PageType`: `left`, `right`, `any`
Default: `any`

class `rinoh.template.`**`ContentsPartTemplate`** (*base=None*, ***attributes*)

The body of a document.
Renders all of the content present in the `DocumentTree` passed to the `DocumentTemplate`.

`page_number_prefix`
Text to place in front ofthe page number. (inherited from `DocumentPartTemplate`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`page_number_format`
The format for page numbers in this document part. (inherited from `DocumentPartTemplate`)
Accepts `PageNumberFormat`: `none`, `number`, `symbol`, `lowercase character`, `uppercase character`, `lowercase roman`, `uppercase roman`, `continue`
Default: `number`

`end_at_page`
The type of page to end this document part on (inherited from `DocumentPartTemplate`)
Accepts `PageType`: `left`, `right`, `any`
Default: `any`

`drop_if_empty`
Exclude this part from the document if it is empty (no flowables) (inherited from `DocumentPartTemplate`)
Accepts `Bool`: `true` or `false`
Default: `true`

class `rinoh.template.`**`FixedDocumentPartTemplate`** (*base=None*, ***attributes*)

A document part template that renders a fixed list of flowables

`flowables`
The list of flowables to include in this document part
Accepts `FlowablesList`: Python source code that represents a list of `Flowable`s
Default: `[]`

`page_number_prefix`
Text to place in front ofthe page number. (inherited from `DocumentPartTemplate`)
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`page_number_format`
The format for page numbers in this document part. (inherited from `DocumentPartTemplate`)
Accepts `PageNumberFormat`: `none`, `number`, `symbol`, `lowercase character`, `uppercase character`, `lowercase roman`, `uppercase roman`, `continue`
Default: `number`

end_at_page
The type of page to end this document part on (inherited from `DocumentPartTemplate`)
Accepts `PageType`: `left`, `right`, `any`
Default: `any`

drop_if_empty
Exclude this part from the document if it is empty (no flowables) (inherited from `DocumentPartTemplate`)
Accepts `Bool`: `true` or `false`
Default: `true`

5.19.3 Page Templates

The document templates make use of page templates:

class `rinoh.template.`**`PageTemplate`** (*base=None, **attributes*)

header_footer_distance
Distance of the header and footer to the content area
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `14pt`

columns
The number of columns for the body text
Accepts `Integer`: a natural number (positive integer)
Default: `1`

column_spacing
The spacing between columns
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `1cm`

header_text
The text to place in the page header
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: `'{SECTION_NUMBER(1)}' ' ' '{SECTION_TITLE(1)}'`

footer_text
The text to place in the page footer
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: `'\t' '{PAGE_NUMBER}' '/' '{NUMBER_OF_PAGES}'`

chapter_header_text
The text to place in the header on a page that starts a new chapter
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

chapter_footer_text
The text to place in the footer on a page that starts a new chapter

Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`chapter_title_flowables`
Generator that yields the flowables to represent the chapter title
Accepts `FlowablesList`: Python source code that represents a list of `Flowable`s
Default: `none`

`chapter_title_height`
The height of the container holding the chapter title
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `150pt`

`page_size`
The format of the pages in the document (inherited from `PageTemplateBase`)
Accepts `Paper`: the name of a Section 5.12 or `<width> * <height>` where `width` and `height` are `Dimension`s
Default: `A4`

`page_orientation`
The orientation of pages in the document (inherited from `PageTemplateBase`)
Accepts `PageOrientation`: `portrait`, `landscape`
Default: `portrait`

`left_margin`
The margin size on the left of the page (inherited from `PageTemplateBase`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `3cm`

`right_margin`
The margin size on the right of the page (inherited from `PageTemplateBase`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `3cm`

`top_margin`
The margin size at the top of the page (inherited from `PageTemplateBase`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `3cm`

`bottom_margin`
The margin size at the bottom of the page (inherited from `PageTemplateBase`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `3cm`

`background`
An image to place in the background of the page (inherited from `PageTemplateBase`)
Accepts `BackgroundImage`: filename of an image file enclosed in quotes, optionally followed by space-delimited keyword arguments (`<keyword>=<value>`) that determine how the image is displayed
Default: `none`

`after_break_background`
An image to place in the background after a page break (inherited from `PageTemplateBase`)

Accepts `BackgroundImage`: filename of an image file enclosed in quotes, optionally followed by space-delimited keyword arguments (`<keyword>=<value>`) that determine how the image is displayed
Default: `none`

class `rinoh.template.`**`TitlePageTemplate`** (*base=None, **attributes*)

`show_date`
Show or hide the document's date
Accepts `Bool`: `true` or `false`
Default: `true`

`show_author`
Show or hide the document's author
Accepts `Bool`: `true` or `false`
Default: `true`

`extra`
Extra text to include on the title page below the title
Accepts `StyledText`: a list of styled text strings, separated by spaces. A styled text string is a quoted string (`'` or `"`), optionally followed by a style name enclosed in braces: `'text string' (style name)`
Default: (no value)

`page_size`
The format of the pages in the document (inherited from `PageTemplateBase`)
Accepts `Paper`: the name of a Section 5.12 or `<width> * <height>` where `width` and `height` are `Dimension`s
Default: `A4`

`page_orientation`
The orientation of pages in the document (inherited from `PageTemplateBase`)
Accepts `PageOrientation`: `portrait`, `landscape`
Default: `portrait`

`left_margin`
The margin size on the left of the page (inherited from `PageTemplateBase`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `3cm`

`right_margin`
The margin size on the right of the page (inherited from `PageTemplateBase`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `3cm`

`top_margin`
The margin size at the top of the page (inherited from `PageTemplateBase`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `3cm`

`bottom_margin`
The margin size at the bottom of the page (inherited from `PageTemplateBase`)
Accepts `Dimension`: a numeric value followed by a unit (`pt`, `in`, `pc`, `mm`, `cm`, `%`, `/2`, `/4`)
Default: `3cm`

`background`
An image to place in the background of the page (inherited from

PageTemplateBase)
Accepts BackgroundImage: filename of an image file enclosed in quotes, optionally followed by space-delimited keyword arguments (<keyword>=<value>) that determine how the image is displayed
Default: none

after_break_background
An image to place in the background after a page break (inherited from PageTemplateBase)
Accepts BackgroundImage: filename of an image file enclosed in quotes, optionally followed by space-delimited keyword arguments (<keyword>=<value>) that determine how the image is displayed
Default: none

The base class for these collects the common options:

class rinoh.template.**PageTemplateBase** (*base=None, **attributes*)

page_size
The format of the pages in the document
Accepts Paper: the name of a Section 5.12 or <width> * <height> where width and height are Dimensions
Default: A4

page_orientation
The orientation of pages in the document
Accepts PageOrientation: portrait, landscape
Default: portrait

left_margin
The margin size on the left of the page
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 3cm

right_margin
The margin size on the right of the page
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 3cm

top_margin
The margin size at the top of the page
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 3cm

bottom_margin
The margin size at the bottom of the page
Accepts Dimension: a numeric value followed by a unit (pt, in, pc, mm, cm, %, /2, /4)
Default: 3cm

background
An image to place in the background of the page
Accepts BackgroundImage: filename of an image file enclosed in quotes, optionally followed by space-delimited keyword arguments (<keyword>=<value>) that determine how the image is displayed
Default: none

after_break_background
An image to place in the background after a page break

Accepts `BackgroundImage`: filename of an image file enclosed in quotes, optionally followed by space-delimited keyword arguments (`<keyword>=<value>`) that determine how the image is displayed
Default: `none`

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