

References

Release

Author

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Dimension

1.1 References

- `rinoh.dimension.PERCENT, PERCENT`
- `rinoh.dimension.Dimension.grow(), Dimension.grow()`

1.2 Automodule

Classes for expressing dimensions: lengths, widths, line thickness, etc.

Each dimension is expressed in terms of a unit. Several common units 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 this (grewed) dimension itself

Return type `Dimension`

`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.HALVES = FractionUnit(2, '/2')`
fraction of 2

`rinoh.dimension.QUARTERS = FractionUnit(4, '/4')`
fraction of 4

r

rinoh

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