References

Release

Author

Table of Contents

1 Dimension **1-1**
1.1 References 1-1
1.2 Automodule 1-1
1.3 Other 1-2

Python Module Index **I-1**

Index **I-2**

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 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.

rinoh.dimension.CM = DimensionUnit(28.346456692913385, 'cm')
centimeter

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 (growed) dimension itself

Return type Dimension

rinoh.dimension.INCH = DimensionUnit(72.0, 'in')
imperial/US inch

rinoh.dimension.**MM = DimensionUnit(2.8346456692913384, 'mm')**
millimeter

rinoh.dimension.**PERCENT = FractionUnit(100, '%')**
fraction of 100

rinoh.dimension.**PICA = DimensionUnit(12.0, 'pc')**
computer pica

rinoh.dimension.**PT = DimensionUnit(1.0, 'pt')**
PostScript points

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

1.3 Other

Timer.**repeat** (*source: str*, *repeat: int = 3*, *hurry: Literal[True, False] = True*)
Not sure what this is supposed to do.

class rinoh.dimension.**SomeClass** (S: Sequence[T], T, KT, VT) (*Dict[KT, VT]*)

r

rinoh
    rinoh.dimension, 1-1

Index

C

CM (in module rinoh.dimension), 1-1

D

Dimension (class in rinoh.dimension), 1-1

G

grow() (rinoh.dimension.Dimension method), 1-1

I

INCH (in module rinoh.dimension), 1-1

M

MM (in module rinoh.dimension), 1-2
module
    rinoh.dimension, 1-1

P

PERCENT (in module rinoh.dimension), 1-2
PICA (in module rinoh.dimension), 1-2
PT (in module rinoh.dimension), 1-2

Q

QUARTERS (in module rinoh.dimension), 1-2

R

rinoh.dimension
    module, 1-1

S

SomeClass (class in rinoh.dimension), 1-2

T

Timer.repeat() (in module rinoh.dimension), 1-2