

Raises

MarkupError – If there is a syntax error in the markup.

Returns

A test instance.

Return type

Text

23.15 rich.measure

class rich.measure.**Measurement**(*minimum, maximum*)

Stores the minimum and maximum widths (in characters) required to render an object.

Parameters

- **minimum** (*int*)
- **maximum** (*int*)

clamp(*min_width=None, max_width=None*)

Clamp a measurement within the specified range.

Parameters

- **min_width** (*int*) – Minimum desired width, or *None* for no minimum. Defaults to *None*.
- **max_width** (*int*) – Maximum desired width, or *None* for no maximum. Defaults to *None*.

Returns

New Measurement object.

Return type

Measurement

classmethod **get**(*console, options, renderable*)

Get a measurement for a renderable.

Parameters

- **console** (*Console*) – Console instance.
- **options** (*ConsoleOptions*) – Console options.
- **renderable** (*RenderableType*) – An object that may be rendered with Rich.

Raises

errors.NotRenderableError – If the object is not renderable.

Returns

Measurement object containing range of character widths required to render the object.

Return type

Measurement

maximum: *int*

Maximum number of cells required to render.

minimum: *int*

Minimum number of cells required to render.