

**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.