

- **text** (*str*) – A piece of text.
- **style** (*Style*, optional) – An optional style to apply to the text.
- **control** (*Tuple[ControlCode]*, optional) – Optional sequence of control codes.

**cell\_length**

The cell length of this Segment.

**Type**

*int*

**classmethod adjust\_line\_length**(*line, length, style=None, pad=True*)

Adjust a line to a given width (cropping or padding as required).

**Parameters**

- **segments** (*Iterable[Segment]*) – A list of segments in a single line.
- **length** (*int*) – The desired width of the line.
- **style** (*Style*, optional) – The style of padding if used (space on the end). Defaults to *None*.
- **pad** (*bool*, optional) – Pad lines with spaces if they are shorter than *length*. Defaults to *True*.
- **line** (*List[Segment]*)

**Returns**

A line of segments with the desired length.

**Return type**

*List[Segment]*

**classmethod align\_bottom**(*lines, width, height, style, new\_lines=False*)

Aligns render to bottom (adds extra lines above as required).

**Args:**

*lines* (*List[List[Segment]]*): A list of lines. *width* (*int*): Desired width. *height* (*int*, optional): Desired height or *None* for no change. *style* (*Style*): Style of any padding added. Defaults to *None*. *new\_lines* (*bool*, optional): Padded lines should include “

“. Defaults to *False*.

**Returns:**

*List[List[Segment]]*: New list of lines.

**Parameters**

- **lines** (*List[List[Segment]]*)
- **width** (*int*)
- **height** (*int*)
- **style** (*Style*)
- **new\_lines** (*bool*)

**Return type**

*List[List[Segment]]*