- **style** (*Style, optional*) – Base style. Defaults to None.
- **post_style** (*Style, optional*) – Style to apply on top of segment style. Defaults to None.

Returns
A new iterable of segments (possibly the same iterable).

Return type
Iterable[*Segments*]

property cell_length: int

The number of terminal cells required to display self.text.

Returns
A number of cells.

Return type
int

control: Sequence[Tuple[*ControlType*]] | Tuple[*ControlType*, int | str] | Tuple[*ControlType*, int, int]] | None

Alias for field number 2

classmethod divide(*segments*, *cuts*)

Divides an iterable of segments in to portions.

Parameters

- **cuts** (*Iterable[int]*) – Cell positions where to divide.
- **segments** (*Iterable[Segment]*)

Yields
[Iterable[List[Segment]]] – An iterable of Segments in List.

Return type
Iterable[*List*[Segment]]

classmethod filter_control(*segments*, *is_control=False*)

Filter segments by `is_control` attribute.

Parameters

- **segments** (*Iterable[Segment]*) – An iterable of Segment instances.
- **is_control** (*bool, optional*) – is_control flag to match in search.

Returns
And iterable of Segment instances.

Return type
Iterable[*Segment*]

classmethod get_line_length(*line*)

Get the length of list of segments.

Parameters
line (*List[Segment]*) – A line encoded as a list of Segments (assumes no '\n' characters),

Returns
The length of the line.