
CHAPTER
TWENTYTHREE

REFERENCE

23.1 rich.align

```
class rich.align.Align(renderable, align='left', style=None, *(Keyword-only parameters separator (PEP 3102)), vertical=None, pad=True, width=None, height=None)
```

Align a renderable by adding spaces if necessary.

Parameters

- **renderable** (`RenderableType`) – A console renderable.
- **align** (`AlignMethod`) – One of “left”, “center”, or “right””
- **style** (`StyleType, optional`) – An optional style to apply to the background.
- **vertical** (`Optional[VerticalAlignMethod], optional`) – Optional vertical align, one of “top”, “middle”, or “bottom”. Defaults to None.
- **pad** (`bool, optional`) – Pad the right with spaces. Defaults to True.
- **width** (`int, optional`) – Restrict contents to given width, or None to use default width. Defaults to None.
- **height** (`int, optional`) – Set height of align renderable, or None to fit to contents. Defaults to None.

Raises

`ValueError` – if align is not one of the expected values.

```
classmethod center(renderable, style=None, *, vertical=None, pad=True, width=None, height=None)
```

Align a renderable to the center.

Parameters

- **renderable** (`RenderableType`)
- **style** (`str / Style / None`)
- **vertical** (`Literal['top', 'middle', 'bottom'] / None`)
- **pad** (`bool`)
- **width** (`int / None`)
- **height** (`int / None`)

Return type

`Align`