

Stacks

Use `mo.hstack` and `mo.vstack` to layout outputs in rows and columns.

```
In [ ]: align = mo.ui.dropdown(
        label="Align", options=["start", "end", "center", "stretch"]
    )
    justify = mo.ui.dropdown(
        label="Justify",
        options=["start", "center", "end", "space-between", "space-around"],
    )
    gap = mo.ui.number(label="Gap", start=0, stop=100, value=1)
    size = mo.ui.slider(label="Size", start=60, stop=500)
    wrap = mo.ui.checkbox(label="Wrap")

    mo.md(
        f"""\n
        **Stack parameters**\n
\n
        {mo.hstack([align, justify, gap, wrap], gap=0.25)}\n
\n
        **Boxes {size}**\n
        """\n
    )
```

Stack parameters

Boxes

Horizontal Stack: `hstack`

```
In [ ]: mo.hstack(
    boxes,
    align=align.value,
    justify=justify.value,
    gap=gap.value,
    wrap=wrap.value,
)
```



Vertical Stack: `vstack`

```
In [ ]: mo.vstack(
    boxes,
    align=align.value,
    gap=gap.value,
)
```

1

2

3

4

```
In [ ]: def create_box(num):
    box_size = size.value + num * 10
    return mo.Html(
        f"<div style='min-width: {box_size}px; min-height: {box_size}px; bac
    )

boxes = [create_box(i) for i in range(1, 5)]
```

```
In [ ]: import marimo as mo
```