Wrap-It: Wrapping text around figures & content

Until https://github.com/typst/typst/issues/553 is resolved, typst doesn't natively support

wrapping text around figures or other content. However, you can use wrap-it to mimic much of this functionality:

- Wrapping images left or right of their text
- Specifying margins
- And more

Detailed descriptions of each parameter are available in the wrap-it documentation.

Installation

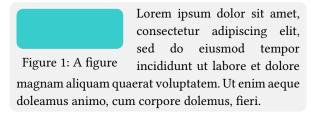
The easiest method is to import wrap-it: wrap-content from the @preview package:

```
#import "@preview/wrap-it:0.1.1": wrap-content
```

Sample use:

Vanilla

```
#let fig = figure(
rect(fill: teal, radius: 0.5em, width: 8em),
caption: [A figure],
)
#let body = lorem(30)
#wrap-content(fig, body)
```



Changing alignment and margin

```
#wrap-content(
fig,
body,
align: bottom + right,
column-gutter: 2em
)
```

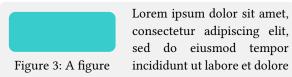
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque doleamus animo, cum corpore dolemus, fieri.

Figure 2: A figure

Uniform margin around the image

The easiest way to get a uniform, highly-customizable margin is through boxing your image:

```
#let boxed = box(fig, inset: 0.25em)
#wrap-content(boxed)[
#lorem(30)
]
```

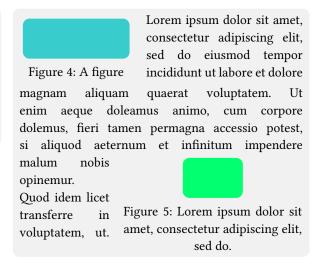


magnam aliquam quaerat voluptatem. Ut enim aeque doleamus animo, cum corpore dolemus, fieri.

Wrapping two images in the same paragraph

Note that for longer captions (as is the case in the bottom figure below), providing an explicit columns parameter is necessary to inform caption text of where to wrap.

```
#let fig2 = figure(
rect(fill: lime, radius: 0.5em),
caption: [#lorem(10)],
)
#wrap-top-bottom(
bottom-kwargs: (columns: (1fr, 2fr)),
box(fig, inset: 0.25em),
fig2,
lorem(50),
)
```



Adding a label to a wrapped figure

Typst can only append labels to figures in content mode. So, when wrapping text around a figure that needs a label, you must first place your figure in a content block with its label, then wrap it:

```
#show ref: it => underline(text(blue, it))
#let fig = [
    #figure(
    rect(fill: red, radius: 0.5em, width: 8em),
    caption:[Labeled]
    )<fig:lbl>
]
#wrap-content(fig, [Fortunately, @fig:lbl's label
can be referenced within the wrapped text.
#lorem(15)])
```

