

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)
```




Figure 1: A figure

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Changing alignment and margin

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

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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)
]
```




Figure 3: A figure

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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-kwarg: (columns: (1fr, 2fr)),
  box(fig, inset: 0.25em),
  fig2,
  lorem(50),
)
```





Figure 4: A figure

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Quod idem licet transferre in Figure 5: Lorem ipsum dolor sit voluptatem, ut. amet, consectetur adipiscing elit, sed do.

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)])
```




Figure 6: Labeled

Fortunately, [Figure 6](#)'s label can be referenced within the wrapped text. Lorem ipsum adipiscing elit, sed do eiusmod tempor incididunt ut labore.