Typst Markup typesetting

CONCEPTS

Markup is the default mode. # switches to code for one expression, [ ] switches back, and $ $ is math.

Markup text, = * _
↓ #
Code let, set, show
↓ [ ]
Content back in markup
↓ compile
PDF / PNG / SVG one file or one per page

COMPILE AND WATCH

`typst compile <file.typ>`
Compile to a PDF next to the source

`typst watch <file.typ>`
Recompile on every change

MARKUP

`= Heading`
Heading; more = for deeper levels

`*bold*`
Strong text

`_italic_`
Emphasis

`- item`
Bullet list entry

`+ item`
Numbered list entry

`#link("<url>")[<text>]`
Hyperlink with custom text

MATH

`$x^2 + y^2$`
Inline math (no spaces inside)

`$ x^2 + y^2 $`
Display math (spaces inside)

`a / b`
Fraction

MATH (cont.)

`x^2 x_i`
Superscript and subscript

`sum_(i=1)^n i`
Sum with limits

LET, SET, SHOW

`#let <name> = <value>`
Define a variable

`#let <f>(<a>, <b>: 1) = [<body>]`
Define a function

`#set text(font: "<name>", size: 11pt)`
Font and size from here on

`#set page(paper: "a4", margin: 2cm)`
Paper size and margins

`#set heading(numbering: "1.1")`
Number headings

`#show heading: set text(blue)`
Restyle every heading

FIGURES, TABLES, REFS

`#image("<path>", width: 50%)`
Insert an image

`#figure(<content>, caption: [<text>])`
Numbered figure with caption

`#table(columns: 3, [<a>], [<b>], [<c>])`
Table; cells fill row by row

`<label>`
Attach a label to the element before it

`@<label>`
Reference a label

CODE AND PACKAGES

`#import "@preview/<pkg>:<ver>": <name>`
Use a package from Typst Universe