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