# Typst
# is pretty neat

# tl;dr:

# a programming language for documents

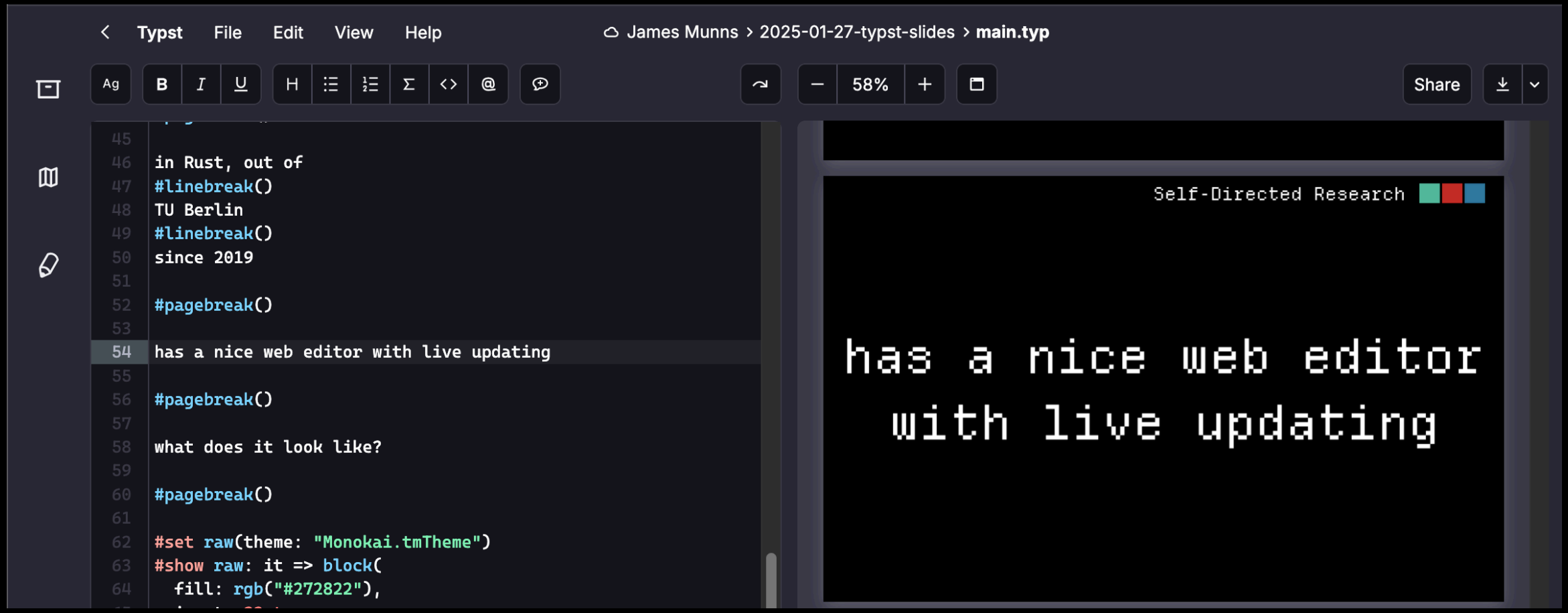
# you might have heard of LaTeX

you might have heard people complain about LaTeX

# but this is Typst

# in Rust, out of TU Berlin since 2019

has a nice web editor
with live updating


Typst
File
Edit
View
Help
James Munns › 2025-01-27-typst-slides › main.typ
Share
58%
in Rust, out of
#linebreak()
TU Berlin
#linebreak()
since 2019
#pagebreak()
has a nice web editor with live updating
#pagebreak()
what does it look like?
#pagebreak()
#set raw(theme: "Monokai.tmTheme")
#show raw: it => block(
fill: rgb("#272822"),
Self-Directed Research
has a nice web editor
with live updating

# also as a CLI tool

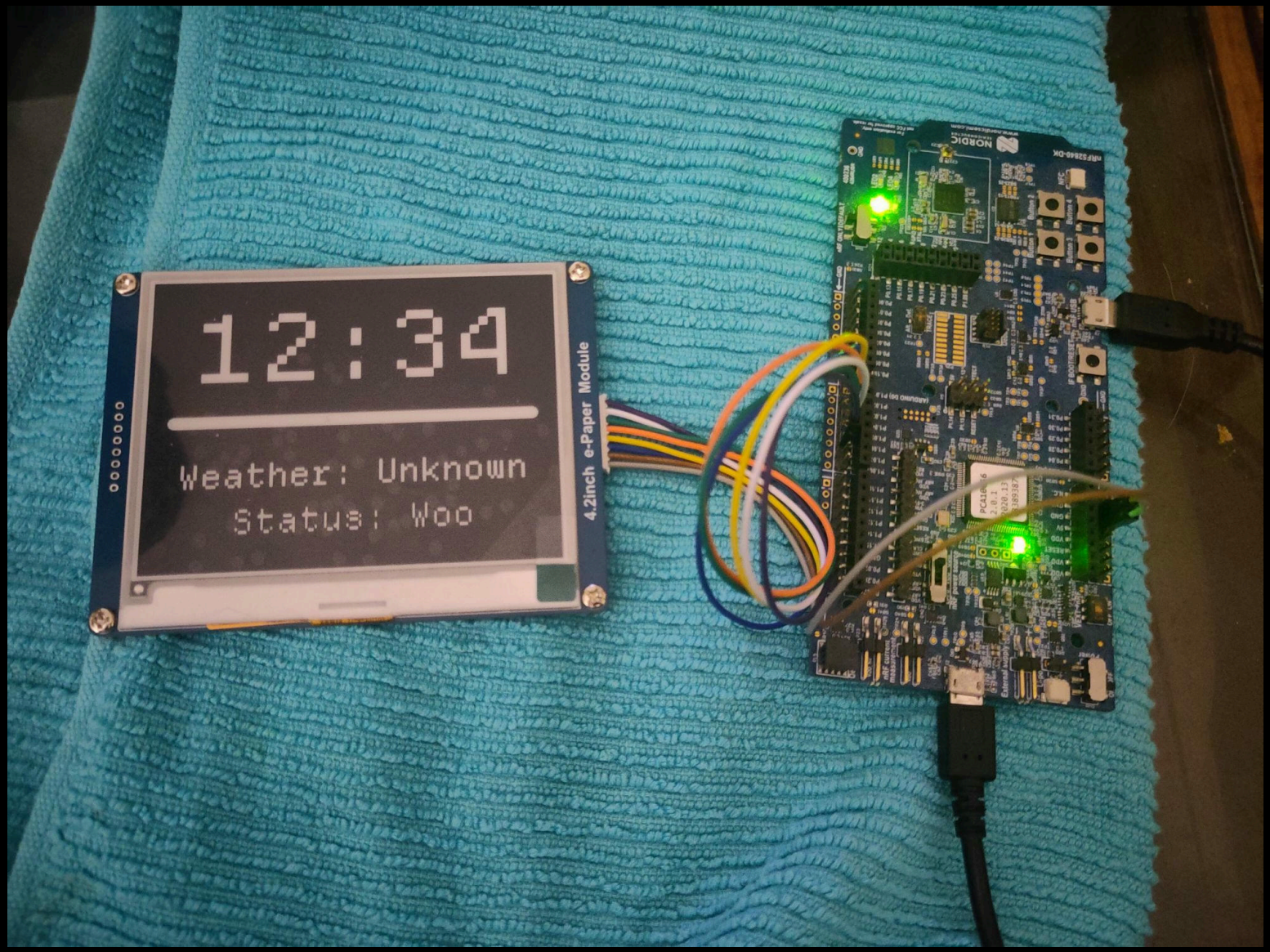
```
$ typst compile slides.typ slides.pdf
```

# also as a crate

```rust
use typst::compile;

let text = "...";
// "world" handles plugin/file/font loading
let world = DocumentWorld::new(text);
let document = compile(&world).output?;
```

# what does it look like?

```
#set page(
  width: 320mm, height: 200mm,
  fill: black, margin: (left: 2%, right: 2%),
  header: [
    #set align(right + horizon)
    #rect(width: 100%, height: 80%)[
      #stack(
        dir: ltr,
        text(size: 24pt)[Self-Directed Research],
        rect(width: 16pt),
        image("sdr-rgb-squares.png", height: 100%),
      )
    ]
  ]
)

#set align(center + horizon)
#set text(fill: white, font: "Departure Mono", size: 64pt)

Typst
#linebreak()
is pretty neat
```

i've already started doing silly things with it

# Self-Directed Research