

idwtet (I Dont Wanna Type Everything Twice)

A package which allows correct example demonstration, e.g. of typst packages.

A typst-ex raw code language is defined via a show rule, which makes

```
```typst-ex
=== Hello World
today is the #datetime.today()
```
```

to generate:

```
=== Hello World
today is the #datetime.today()
```

Hello World

today is the datetime(year: 2023, month: 8, day: 10)

The inner text is then evaluated via content mode. Similarly, we can use

```
```typst-ex-code
#for c in range(9) {
 box(rect(fill: color.mix(
 (red, 12.5% * c),
 (green, 100% - 12.5% * c)
)))
}
```
```

to create:

```
for c in range(101) {
  box(height: 20pt, width: 100% / 101, fill: color.mix(
    (red, 1% * c),
    (green, 100% - 1% * c)
  ))
}
```

return type: content



by evaluating in code mode.

Ultimately, using placeholders, also packages, files and variables can be loaded inside the examples, in order to create something like this:

```
import "@preview/funarray:0.2.0"

let numbers = (1, "not prime", 2, "prime", 3, "prime", 4, "not prime", 5, "prime")

let (primes, non-primes) = funarray.partition-map(
  funarray.chunks(numbers, 2), // transforms (a,b,c,d,e) to ((a,b), (c,d), (e,))
  x => x.at(1) == "prime",      // partition criterion
  x => x.at(0)                  // map of each group
)

[Of the numbers 1 to 5, the primes are #primes.]
```

return type: content

Of the numbers 1 to 5, the primes are (2, 3, 5).