

Rendering Test

2026-10-16

A little reference post that exercises each rendering feature in HTML, PDF (Typst) and Word.
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1 Text

Bold, *italic*, ~~striketrough~~, inline code, H₂O, E = mc², and a footnote.¹ Links to other posts use the source path: Hello World.

1. Ordered item
2. Another item
 - Nested bullet
 - ☐ Task list item

A block quote.

2 Math

Inline math $e^{i\pi} + 1 = 0$, and a numbered equation, referenced as Equation 1:

$$\int_{-\infty}^{\infty} e^{-x^2} dx = \sqrt{\pi} \tag{1}$$

3 Tables

Table 1: Output formats

Format	Engine	Interactive
HTML	Pandoc	Yes
PDF	Typst	No
Word	Pandoc	No

Table 1 lists the outputs built for each post.

4 Python Graphs

Code is executed at render time [1], using NumPy [2] and Matplotlib [3]. Figure 1 shows a single plot and Figure 2 shows a multi-panel layout.

¹Footnotes render as sidenotes or endnotes depending on format.

```
import numpy as np
import matplotlib.pyplot as plt

x = np.linspace(0, 10, 500)
plt.plot(x, np.exp(-x / 4) * np.sin(2 * x))
plt.xlabel("t")
plt.ylabel("amplitude")
plt.show()
```

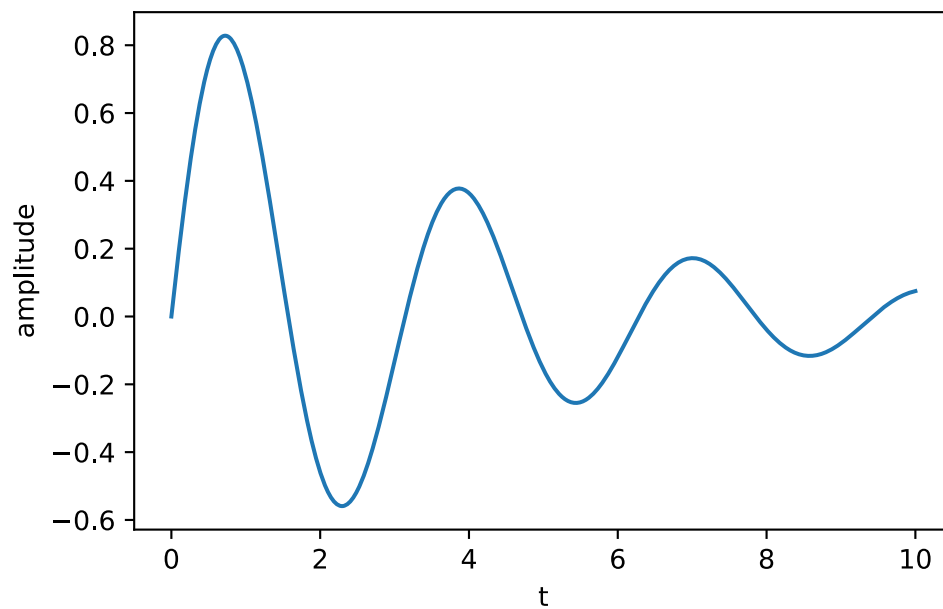


Figure 1: A damped sine wave.

```
rng = np.random.default_rng(0)
data = rng.normal(size=1000)

plt.hist(data, bins=30)
plt.show()

plt.scatter(data[:-1], data[1:], s=4)
plt.show()
```

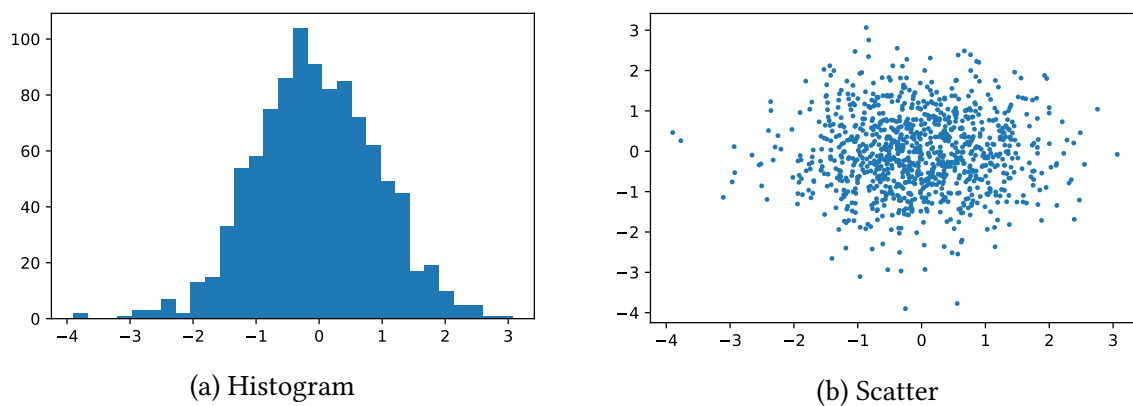


Figure 2: Side-by-side subfigures.

5 Mermaid Diagrams

Figure 3 shows how a post is rendered.

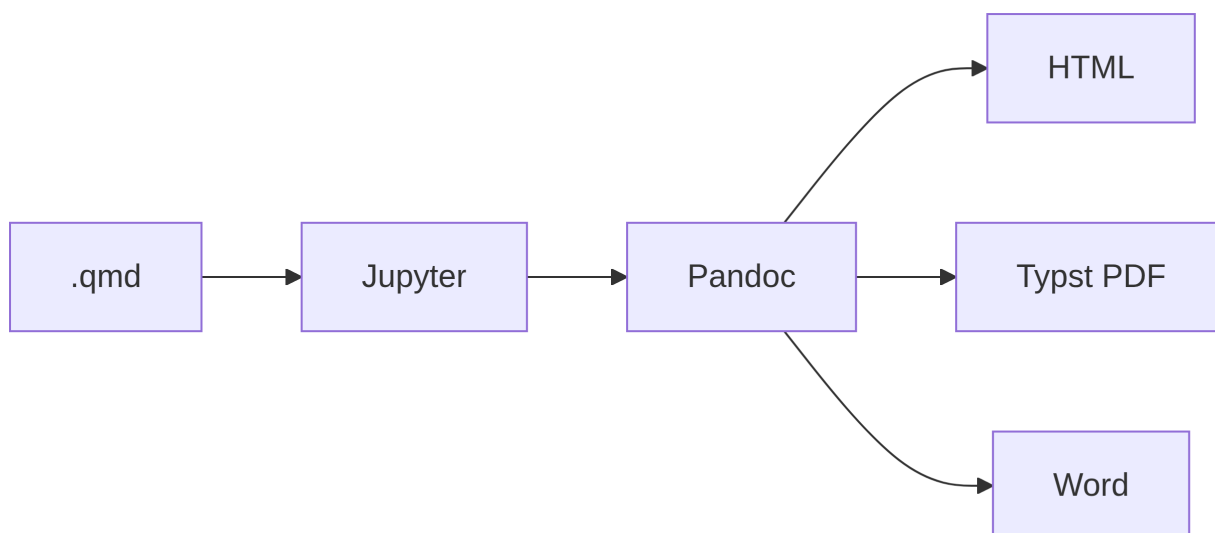
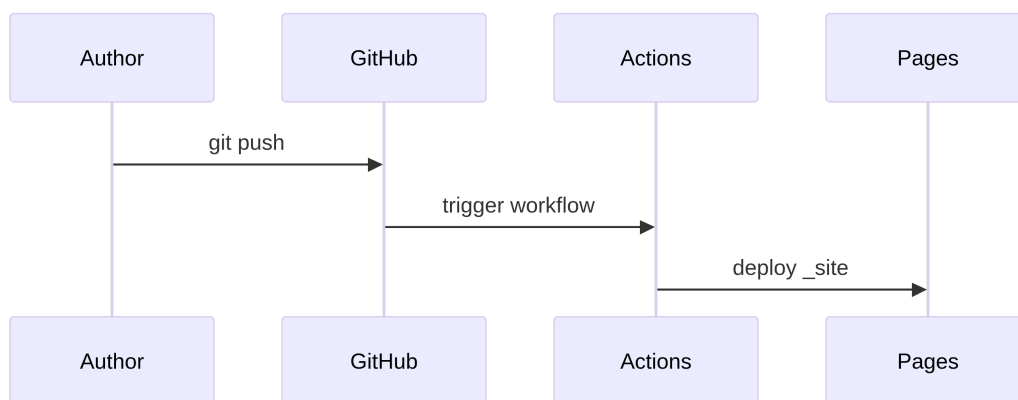


Figure 3: Quarto render pipeline.



6 Callouts

Note

A note callout.

Custom title

A warning with a custom title.

Collapsible tip

Collapsed by default in HTML.

7 Code Blocks

```
def greet(name: str) -> str:
    return f"Hello, {name}!"
```

```
quarto render
```

8 Format-Specific Content

8.1 Tab A

Tabsets are interactive in HTML and render as sequential sections elsewhere.

8.2 Tab B

Second tab.

This paragraph only appears in PDF and Word.

References

- [1] D. E. Knuth, “Literate programming,” *The Computer Journal*, vol. 27, no. 2, pp. 97–111, 1984, doi: 10.1093/comjnl/27.2.97.
- [2] C. R. Harris, K. J. Millman, S. J. van der Walt, *et al.*, “Array programming with NumPy,” *Nature*, vol. 585, pp. 357–362, 2020, doi: 10.1038/s41586-020-2649-2.
- [3] J. D. Hunter, “Matplotlib: A 2D graphics environment,” *Computing in Science & Engineering*, vol. 9, no. 3, pp. 90–95, 2007, doi: 10.1109/MCSE.2007.55.