

NumPy vs APL: Behind the Scenes

[About me](#)

Features

Edit in-place

Rich text (Markdown), run code, embed results, transitions, zoom

Interactive, literate (Donald Knuth)

Code

Py'n'APL

- ◊ [hack](#)

SharpPlot

- [Digging](#), `]Chart`

Make slides like these?

Install: JupyterLab

- extension: jupyterlab-rise
- View -> Command Palette -> Open Reveal

(Py'n'APL: docs)

More tools

Dyalog Jupyter kernel

APL language bar

Jupyter text

- `ipynb md sync`

Wrap up

1. Features:

- Edit in-place
- Markdown text
- Run code

2. Tools:

- Py'n'APL
- SharpPlot
- JupyterLab + jupyterlab-rise
- Dyalog Jupyter kernel + APL language bar
- JupyterText

Slides and source: <https://github.com/MaxCan-Code/numpy-tutorials>

"Max Sun APL"

- Making documents
- Discuss literate programming

Questions/Comments/Chat

Extras

Markdown syntax

<https://MaxCan-Code.github.io/numpy-tutorials/content/mooreslaw-tutorial.slides.html>

- nbconv template: word-wrap, c/t