

What's new in Python



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Python Users Berlin, 12 May 2022

github.com/cusyio/jupyter-reveal/pub/pub_2022-05.pdf

PyCon US 2022

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- 29 April - 1 May 2022
- [Home](#)

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Standing on the shoulders of giants



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Big Picture of the growing Python web ecosystem

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- **PyScript** – a framework to create rich Python apps in the browser

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- **Irydium** – for interactive documents and data visualisations in markdown

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- **Pyodide** – a JavaScript framework for Python

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- **PyScript** – a framework to create rich Python apps in the browser
- **Irydium** – for interactive documents and data visualisations in markdown
- **Pyodide** – a JavaScript framework for Python
- **wc-code** is running Python code snippets with HTML tags

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See also:

- [Home](#)
- [Examples](#)
- [GitHub](#)
- [Anaconda Blog: Welcome to the world PyScript](#)

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The keynote speakers made it into Forbes: [Right Now In Tech: PyCon U.S. 2022](#)

Python 3.11

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- For C extensions maintainers there is [upgrade_pythoncapi.py](#).
- [PyFrameObject](#), [PyThreadState](#) and [PyCodeObject](#) structures are deeply modified.:
Use the new getter functions rather than accessing directly these structures.

nogil Python

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Datasette on nogil Python

nogil Python

Datasette on nogil Python

47ms vs. 77ms

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See also:

- [Docker container](#)
- [Testing Datasette parallel SQL queries in the nogil/python fork](#)

NumPy 1.22 approaches the Python array API standard

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See also:

- [Python array API standard](#)
- [NEP 47 — Adopting the array API standard](#)