PyBay trip report

and Five Rules

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Agenda:

- Five Rules
- PyBay trip report
- Peter: SSE for HTMX
- constraints: OR / SAT solvers
  - shortest path
  - sudoku

CACM

PHK: FOSS and Other Market Failures: "I Come Not to Praise FOSS."

GNN, d.b.a. Kode Vicious

Craig Partridge

> . . . you cite one of my favorite books on the topic of good software engineering, The Practice of Programming by Kernighan and Pike, a classic I read when it came out more than 20 years ago.

Five Rules

1. Code that appears in more than one place should be a function.
2. A function should be less than 30 lines long.
3. A function should have at most three levels of conditional control.
4. Create a function when it improves readability.
   - Don't comment bad code, rewrite it. Kernighan and Pike.
5. Do one thing.

PyBay 2024 trip report

SF, Mission Bay, https://pybay.org/attending/schedule

1. From Pandas to Polars: Upgrading Your Data Workflow; Matt Harrison.
2. The Five Demons of Python Packaging That Fuel Our Persistent Nightmare; Peter Wang.
3. Automate Your City Data With Python; Philip James.
4. F-Strings!; Mariatta Wijaya. `f"{name=}"`, 'nuff said.
5. Master Python typing with Python-Type-Challenges; Laike9m.
6. PyTest, The Improv Way; Joshua Grant. playwright.dev
7. Edges of Python: Three Radical Python Hacks for Fun and Profit; Elvis Pranskevichus. HAMT immutables
8. Pyre, Lints, Codemods, Code Quality, and You; Maggie Moss.

OR, constraints

Would you like to play a game?

https://www.nytimes.com/games/connections