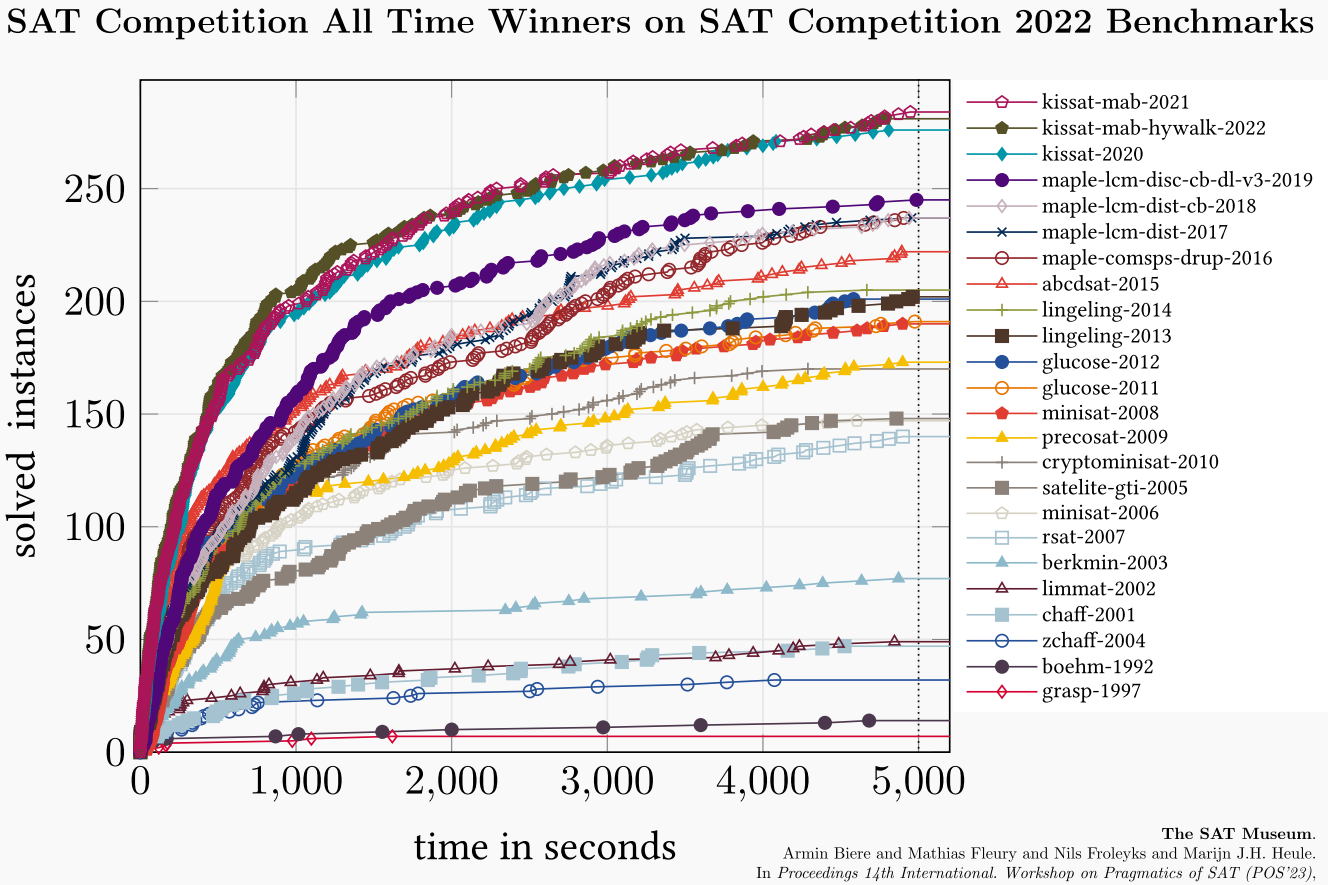
Solvers based on SAT are...

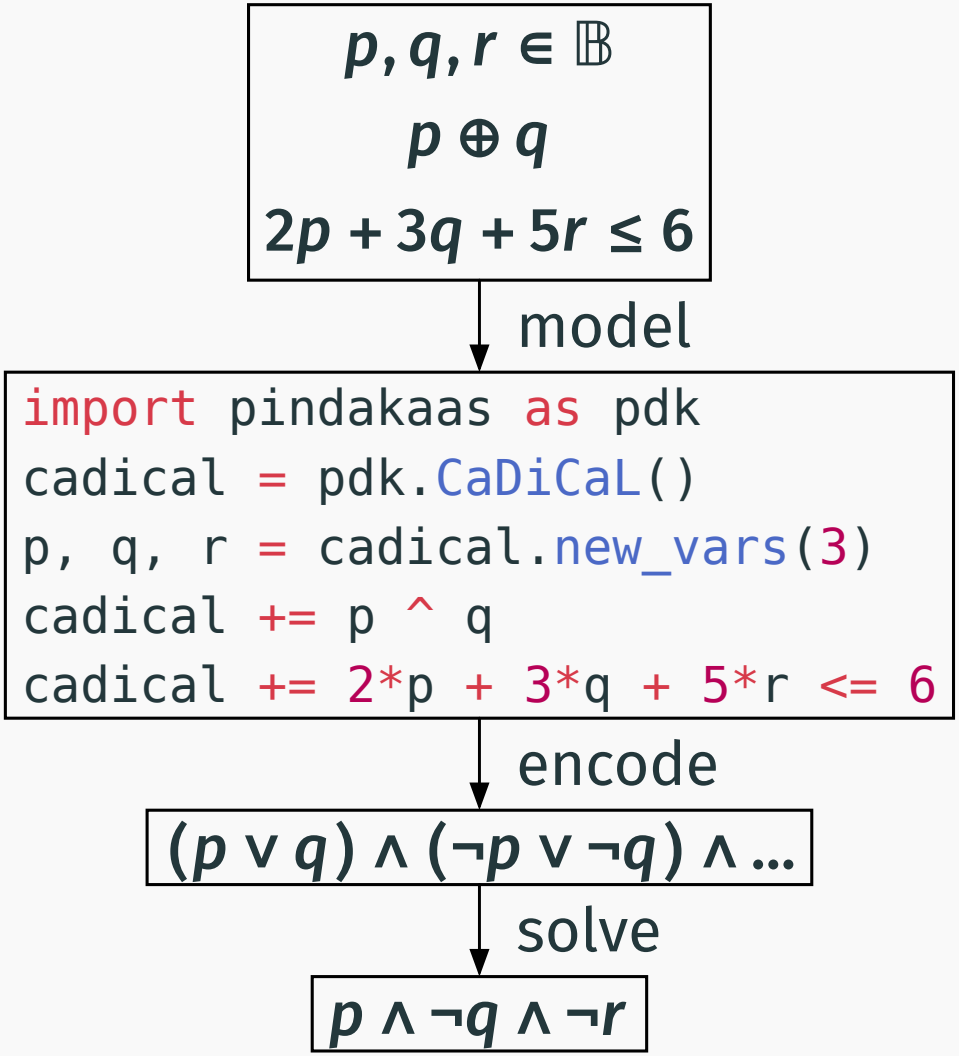
- Improving each year
- Competition winning
  - MiniZinc, XCSP3
- Versatile
  - Industrial applications
  - Incremental solving
  - Model counting
  - Explainability
  - Proof-logging
- **Hard to use**



https://cca.informatik.uni-freiburg.de/satmuseum

The SAT Museum.
Armin Biere and Mathias Fleury and Nils Froleyks and Marijn J.H. Heule.
In *Proceedings 14th International. Workshop on Pragmatics of SAT (POS'23)*,
vol. 3545, CEUR Workshop Proceedings, pages 72-87, CEUR-WS.org 2023.
[paper - bibtex - data - zenodo - ceur - workshop - proceedings]

Pindakaas - A SAT encoding library



When solving high-level problems with low-level SAT solvers, the quality of the encoding is critical for solver performance

Features

- Encode high-level constraints
- Solve incrementally
- Integration with **CPMpy** and **Huub**

Rust implementation

Python interface