

# cvc5 at the SMT Competition 2024

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## cvc5 1.2

- Support for all standardized SMT-LIB theories
- User-friendly API with multiple language bindings

## At the Competition

CVC5 entered [all divisions](#) in [non-experimental tracks](#) and the [cloud track](#).

- New model-based quantifier instantiation method using syntax-guided synthesis
- Single query track: Sequential portfolio
- Cloud track: Hybrid portfolio of graduated partitioning and scrambling

## New cvc5 Features

- C bindings for the API
- API for proofs
- Support for timeout cores
- Integration of efficient SAT solvers integration, e.g., CaDiCaL, via IPASIR-UP

Follow the development: <https://cvc5.github.io/>