Vampire 4.6

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https://vprover.github.io

Single query since 2016. Trying unsat-core and parallel/cloud.
SMT Logics: A, DT, LIA, LRA, NIA, NRA, UF (all with Q)
Uses a portfolio of strategies and wraps Z3 for ground reasoning.

General Approach is proof search using the Superposition and
Resolution Calculus (also using finite model finding in UF)

Theory Reasoning:
- ▶ Theory axioms and Evaluation
- ▶ AVATAR modulo theories (ground splitting via Z3)
- ▶ Theory instantiation (using Z3)
- ▶ Induction on Datatypes