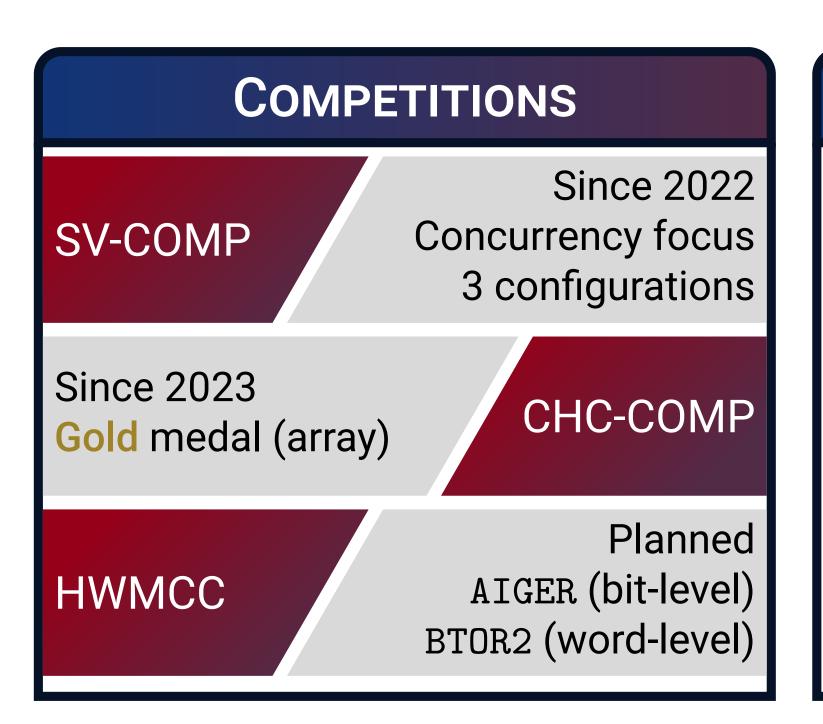
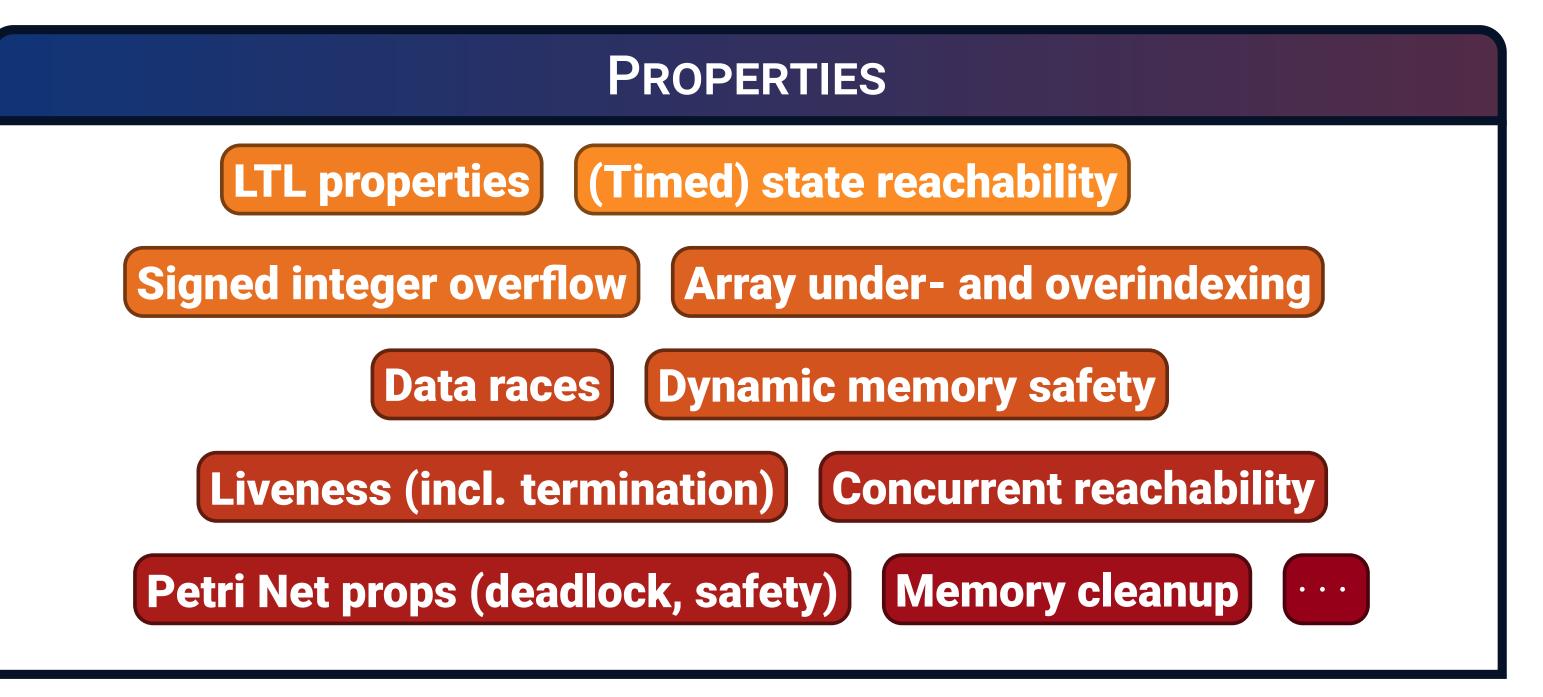


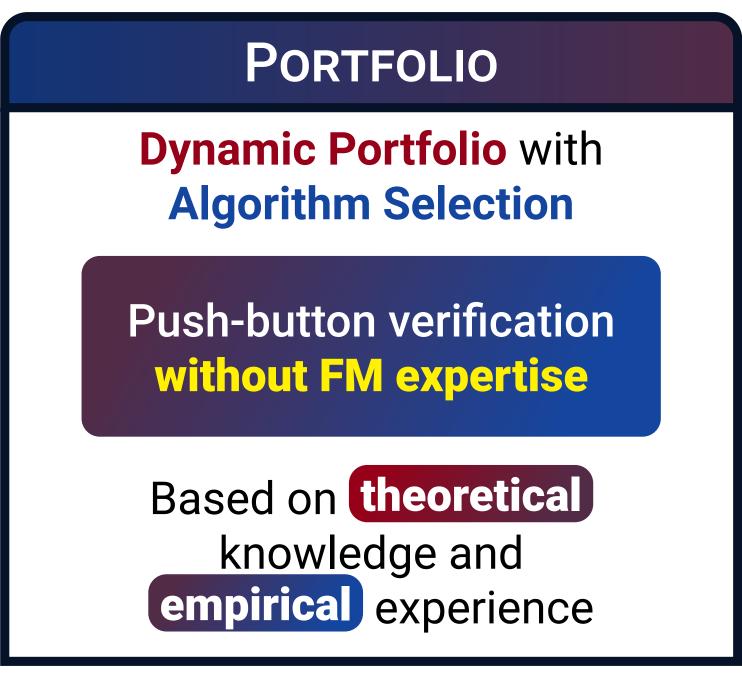


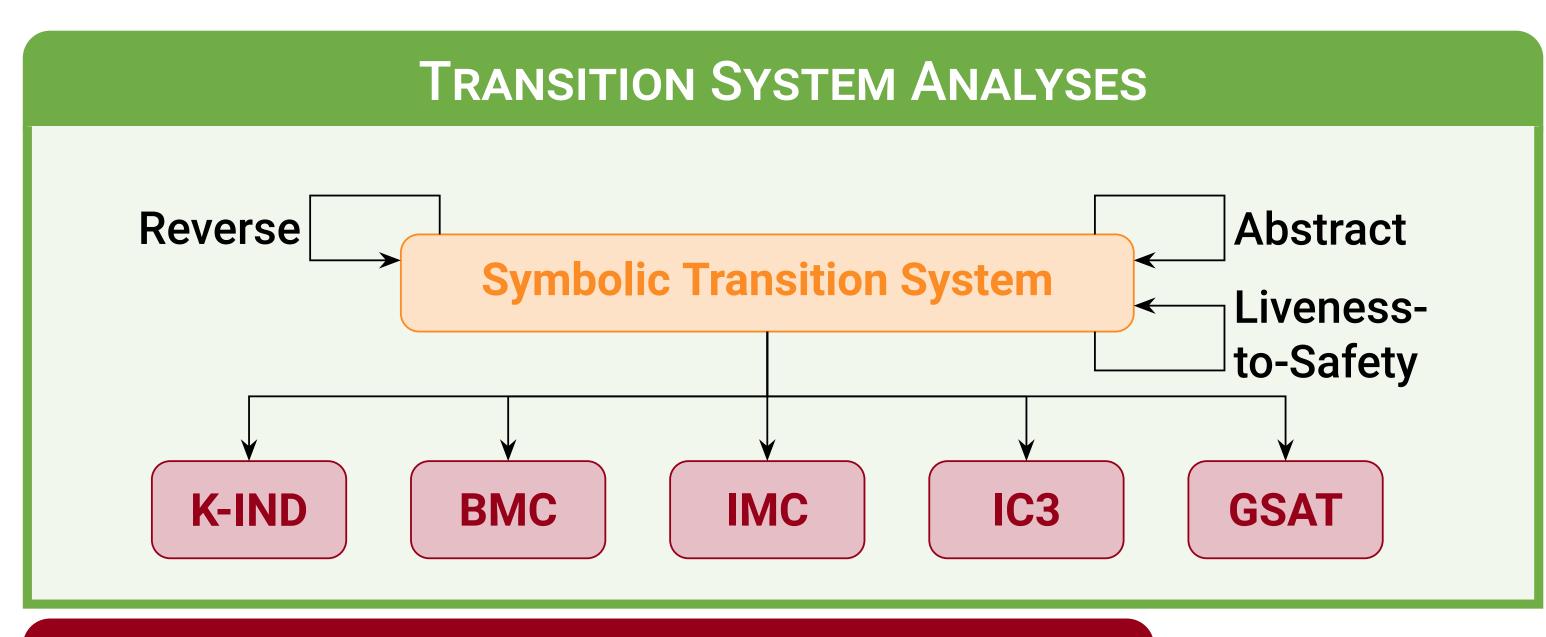


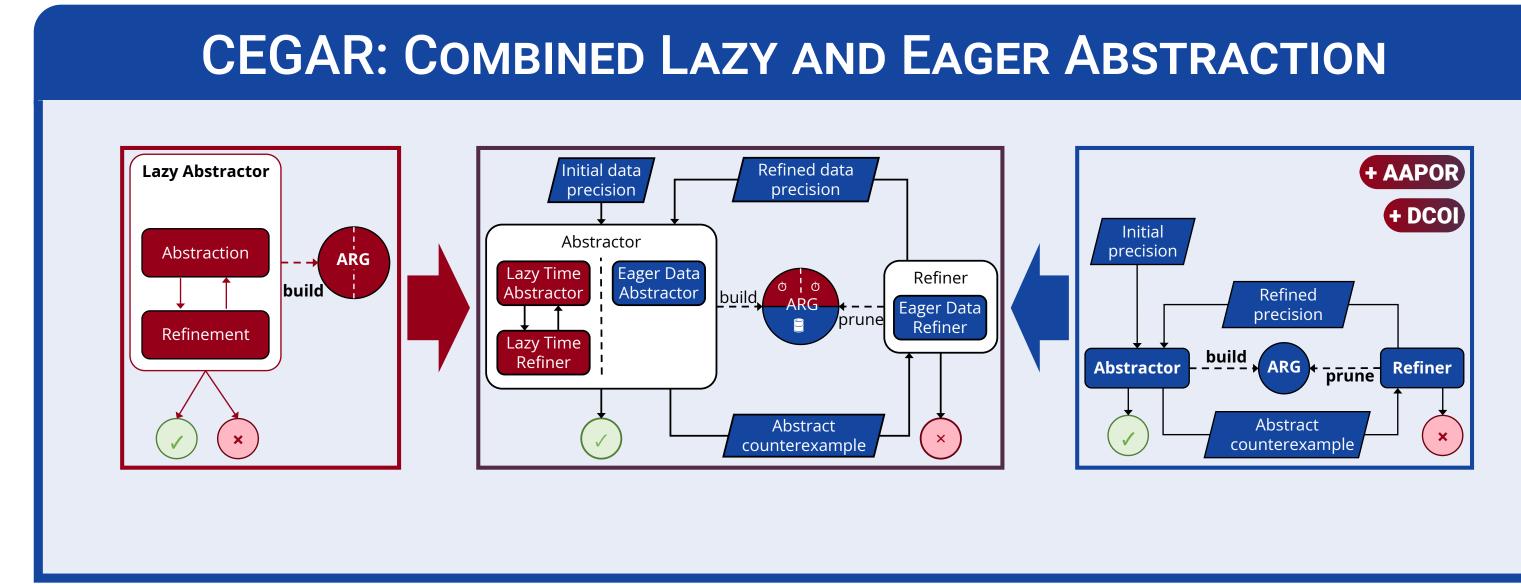
Modular, Highly Configurable, Automatic Model Checker



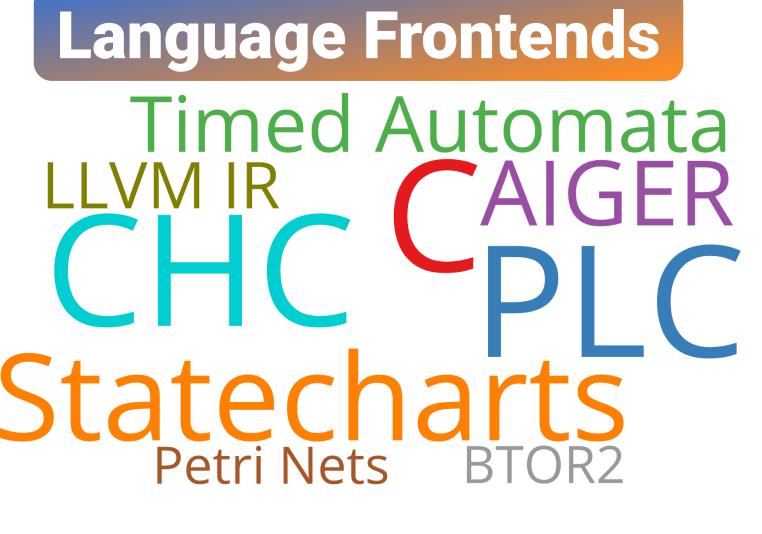


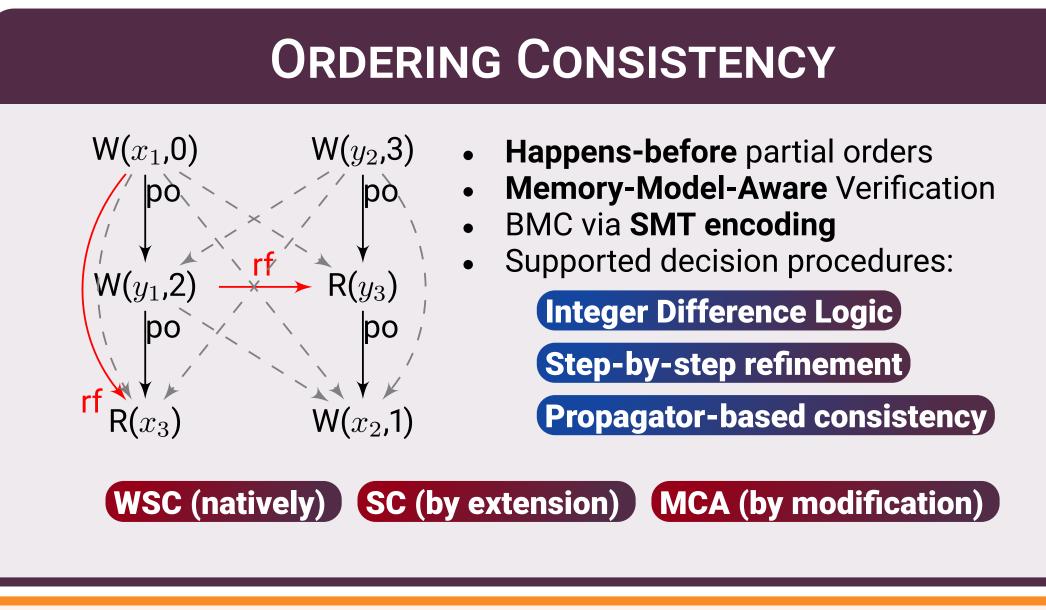


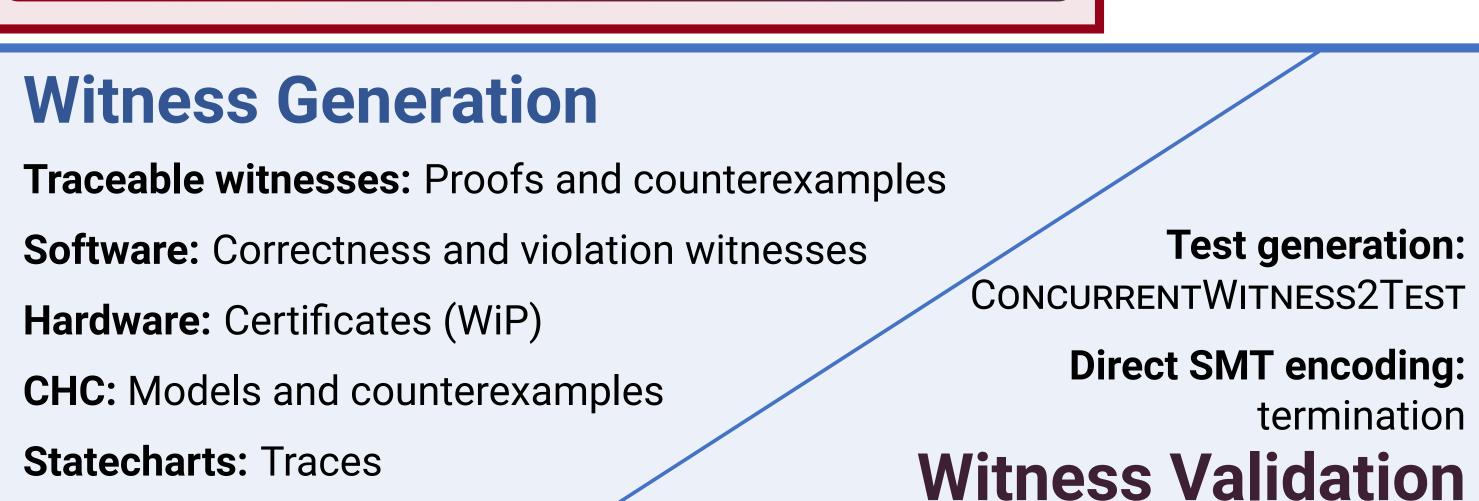




VERIFICATION WITH HORN CLAUSES Reachability: Invariants by construction (location, loop, function) Termination: Recurrence sets and ranking functions Multithreading: Invariants for weakly consistent software (WiP) Supported solvers: z3, ELDARICA, GOLEM, . . .







WITNESS GENERATION & VALIDATION

Native solvers

Thoroughly tested, mature integration Minimal overhead, diverse OS-support

Broad solver support New API features (ex: User Propagator)

JavaSMT

Flexible: any solver, any version Slower interaction

SMT SOLVERS



