

Formal Languages and Tools

- Many languages & Tools
 - Languages: Alloy, B, CSP, Event-B, Petri Nets, VDM, Z, Object-Z, LTL, CTL, etc.
 - Tools: Alloy Analyzer, Isabelle/HOL, ProB, Rodin, SPIN, SMV, Z/EVES, etc.
- Used for proof of correctness
 - Unlike testing: demonstration of presence of defects