

Open source programming language technology

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Two programming language open source projects

Boogie – an intermediate verification language

- Parser

- Type checker

- Translation into logics (primarily for SMT solvers)

- Inference mechanisms

- Verification debugger

Dafny – a programming language designed with reasoning in mind

- Parser

- Type checker

- Static verifier (translation to Boogie)

- Compiler

- IDE support with background on-the-fly verification and verification-result caching

