

NullnessLight Checker

-- A fast and easy-to-use Nullness bug detector

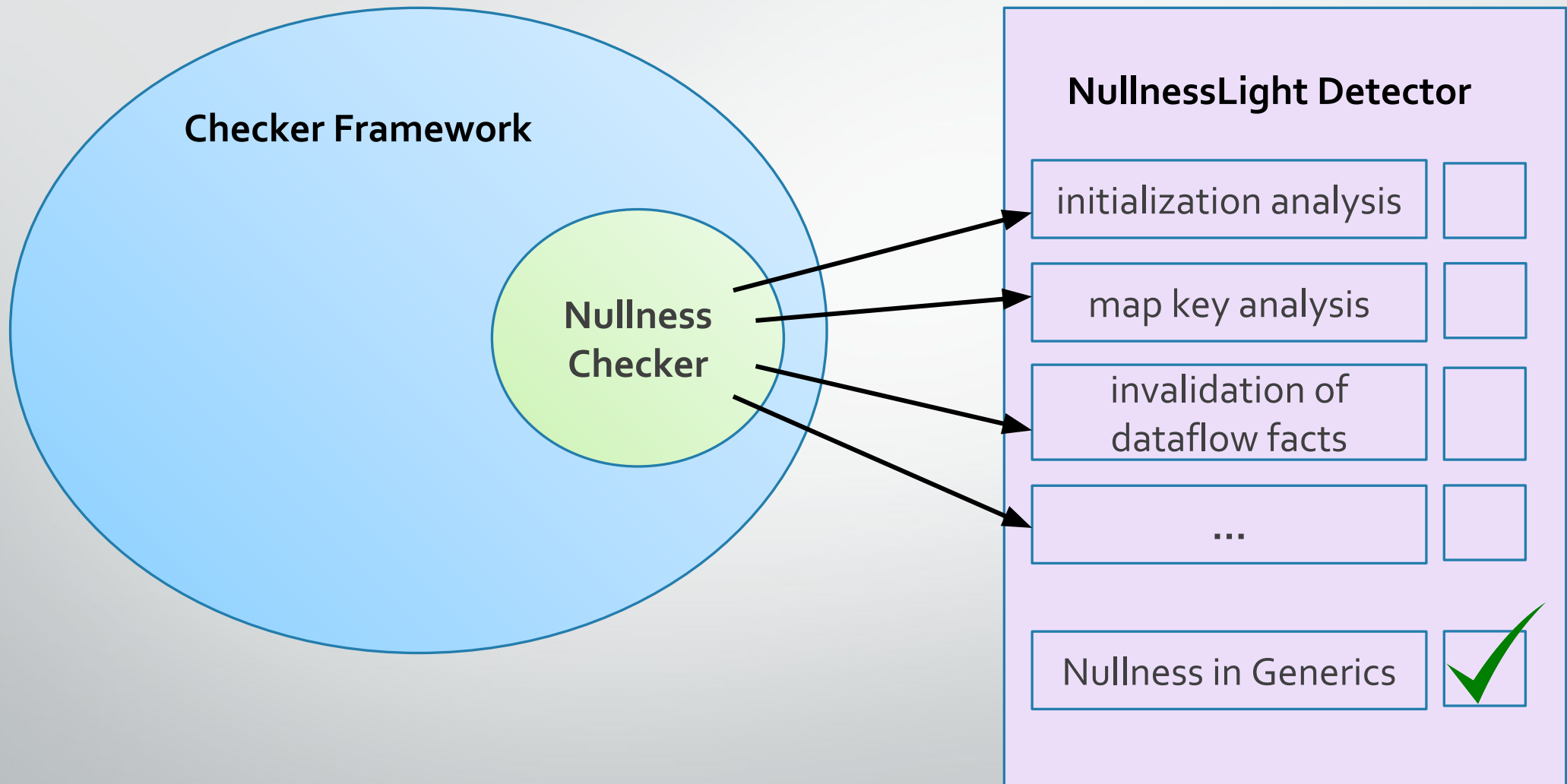
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Motivation

- Costly software bugs
 - 1997, 225 deaths caused by radar software(jet crash)
- Solutions to NullPointerExceptions?
 - reason manually about code - painful:(
 - Use NullnessLight Checker !
 - pluggable
 - compile-time checking

Approach

- Better detect bugs before java programs run :D
- Current Tools?
 - Checker Framework is powerful for full verification, BUT is slow and not user-friendly...
 - NullAway is fast BUT incomplete & unsound. (e.g Generics are excluded)
- FAST + EASY !
- What about risks?



Also support generics and assert statements.