FindBugs static analyses in Scala

- **SQuOpt**:  
  - Optimize declarative queries on collections in *Scala*  
  - A database optimizer in a library for *your* program! (AOSD 2013)

- **FindBugs** does **static analysis** of *Java bytecode* to find bugs and problems  
  - Its code is hard to read
FoPra goals

Your Goal:

• Port bytecode analyses from Findbugs to SQuOpt and to make it:
  • easy to read
  • fast

• Overall Goal: understanding how faster does SQuOpt make queries