CMSC 433
Programming Language Paradigms and Technologies
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April 1st
Midterm regrades

- Didn't get any requests
  - fine by me
- But if you want them, need to turn them in ASAP
Due April 8th

• Code review of project 6
• Open source update
Code review assignment

- Code review of project 6
  - you will be assigned two other submissions to review. Be helpful. Point out good/cool things as well as things that could be improved
  - respond to comments on your own review
Open source update

- Build project from source
- Report on size of code base, languages, build tools
- Run test cases
  - report on test framework, time to run tests, etc.
- Report on bug tracker, RFE and patch tracker
- Report on mailing lists
- Plan for contribution
Open Source FindBugs
issues

• Need to find issues that actually cause misbehavior
• or non-trivial performance impact
• Write test case that shows misbehavior, show that your fix resolves test case, doesn't introduce other problems
OS Comments coming

- We'll get feedback to students with questionable suggestions
- 4 students planning to work on FindBugs issues in Clojure?
- Much of the Clojure code is written in clojure; FindBugs can be noisy for non-Java languages
Core Mastery track

• Fix previous projects with grades less than 80, explain what was wrong with previous attempt
  • Due April 13th
  • Grade = min(max(oldGrade+20, newGrade), 100)

• Another concurrency exercise
  • Due April 15th?
Standard track

• Hadoop tutorial, due April 13th
  • just need to write code, run in process. No need to run on cluster
• Implementing map reduce from scratch
  • due April 22nd (big project)
  • possible intern submission April 15th