Style Guide

Erik Brinkman

erik.brinkman@umich.edu

November 24, 2014

1 Outline

Eclipse Format File?

1. Test class interface, not implementation

2. Tests should be as atmoic as possible

3. Iterables whenever possible, guava helps

4. Never wrap objects like double for comparison, use the primitive type

5. Keep class tests in appropriate class, don't duplicate classes

6. Don't repeat code, if code is used frequently abstract it to a function, tests or otherwise

7. If statements always on a new line

8. Use Guava over not using guava (Optional, Ordering, Collections, ImmutableCollections)

9. Don't break interface specifications, e.g. assuming an order to a collection. Even if there is one, it's not part of the interface, and may change

10. Create a setup method than can be tweaked to properly set up any environment in testing

11. Eclipse format file?

12. Factory methods and protected constructors

13. make proper member variables final