Assignment 5b

SpotBugs Report

SpotBugs Report tab in browser. URL: C:/Users/admin/Desktop/SER316/ser316-spring-...

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SpotBugs Report

Project Information

Project: ser316-spring-B-code-a-mon (spotbugsMain)

SpotBugs version: 4.7.2

Code analyzed:

- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Base\AttackFactory.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Base\AttackFactoryInt.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Base\BattleFactory.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Base\BattleFactoryInt.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Base\CodeAMonFactory.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Base\CodeAMonFactoryInt.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Base\TrainerFactory.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Base\TrainerFactoryInt.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Base\WeatherFactory.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Base\WeatherFactoryInt.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Base\WorldFactory.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Base\WorldFactoryInt.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Base\WorldMediator.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Decorators\FireAMon.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Decorators\GrassAMon.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\Decorators\WaterAMon.class
- C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\build\classes\java\main\main.class

Metrics

378 lines of code analyzed, in 17 classes, in 3 packages.

Metric	Total	Density*
High Priority Warnings	4	10.58
Medium Priority Warnings	8	21.16
Total Warnings	**12**	**31.75**

(* Defects per Thousand lines of non-commenting source statements)

Checkstyle Report

File | C:/Users/admin/Desktop/SER316/ser316-spring-...

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CheckStyle Audit

Designed for use with CheckStyle and Ant.

Summary	
Files	**Errors**
17	84

Files	
Name	**Errors**
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Base\WorldMediator.java	14
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Base\BattleFactory.java	13
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Base\CodeAMonFactory.java	11
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Base\TrainerFactory.java	11
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Base\WeatherFactory.java	5
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Decorators\WaterAMon.java	5
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Base\WorldFactory.java	4
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Base\AttackFactory.java	3
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Base\BattleFactoryInt.java	3
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Decorators\FireAMon.java	3
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\main.java	3
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Base\CodeAMonFactoryInt.java	2
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Base\TrainerFactoryInt.java	2
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Decorators\GrassAMon.java	2
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Base\AttackFactoryInt.java	1
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Base\WeatherFactoryInt.java	1
C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Base\WorldFactoryInt.java	1

File C:\Users\admin\Desktop\SER316\ser316-spring-B-code-a-mon\src\main\java\Base\AttackFactory.java	
Error Description	**Line**
Package name 'Base' must match pattern '^[a-z]+(\.[a-z][a-z0-9]*)*$'.	1
Missing a Javadoc comment.	9
Missing a Javadoc comment.	27
Back to top	

Junit Tests

Default package

all > default-package

25	0	0	0.045s
tests	failures	ignored	duration

100%
successful

Classes

Class	Tests	Failures	Ignored	Duration	Succ
AttackFactoryTest	4	0	0	0.009s	100%
BattleFactoryTest	1	0	0	0.016s	100%
CodeAMonFactoryTest	10	0	0	0.001s	100%
TrainerFactoryTest	6	0	0	0.002s	100%
WeatherFactoryTest	2	0	0	0s	100%
WorldFactoryTest	2	0	0	0.017s	100%

Jacoco Report

ser316-spring-B-code-a-mon

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
default		0%		n/a	2	2	14	14	2	2	1	1
Base		94%		83%	15	94	10	222	0	45	0	7
Decorators		100%		n/a	0	3	0	27	0	3	0	3
Total	104 of 1,069	90%	16 of 98	83%	17	99	24	263	2	50	1	11

Created with JaCoCo 0.8.8.202204050719

Base

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Class
BattleFactory		93%		81%	6	27	5	68	0	8	0	
WorldMediator		89%		75%	4	12	3	31	0	4	0	
WorldFactory		93%		78%	3	11	1	26	0	4	0	
TrainerFactory		98%		87%	2	16	1	37	0	8	0	
CodeAMonFactory		100%		100%	0	17	0	35	0	13	0	
AttackFactory		100%		100%	0	7	0	18	0	5	0	
WeatherFactory		100%		100%	0	4	0	7	0	3	0	
Total	46 of 897	94%	16 of 98	83%	15	94	10	222	0	45	0	

Created with JaCoCo 0.8.8.202204050719

default

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
main		0%		n/a	2	2	14	14	2	2	1	1
Total	58 of 58	0%	0 of 0	n/a	2	2	14	14	2	2	1	1

Created with JaCoCo 0.8.8.202204050719