

测试报告

version 0.0.1

修订历史

| 日期 | 版本 | 作者 | 描述 |
|-----------|-------|---------|-------------------|
| 2015.8.21 | 0.0.1 | laiyuan | Awesome unit test |
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1 测试计划

/**

* 给出测试计划，说明需要进行哪些测试，并说明原因

**/

test the correctness of the method move and canMove.

2 用例

/**

* 在此描述测试目的，例如：测试用户注册功能是否正常工作

**/

1. a jumper should turn if the location two cells in front of the jumper is out of the grid
2. a jumper should turn if the location in front of it is empty, but the location two cells in front contains a flower or a rock .
3. a jumper should turn if it is facing an edge of the grid.
4. a jumper should turn if another actor (not a flower or a rock) is in the cell that is two cells in front of the jumper
5. a jumper turn if it encounters another jumper in its path

2.1 测试用例

/**

* 在此描述测试用例和预期结果，例如：

**/

1. a jumper at (0, 0), direction on north, it should turn.
2. a jumper at (0, 0) direction on east should turn if the location in front of it is empty, but the location two cells in front contains a flower or a rock at (0, 2) .
3. a jumper at (0, 0), direction on north, it should turn

4. a jumper at (0, 0) direction on east should turn if another actor (not a flower or a rock) is in the cell(bug) that is two cells in front of the jumper(0, 2)
5. a jumper at (0, 0) direction on east turn if it encounters another jumper in its path (0, 2)

```
Administrator@vinzor-virtual-machine: ~/gridworld
[javac]      Bug b = new Bug();
[javac]      ^
[javac] symbol:   class Bug
[javac] location:  class JumperTest
[javac] /home/Administrator/gridworld/GroupActivity/Jumper/src/JumperTest.java:61: error: cannot find symbol
[javac]      Bug b = new Bug();
[javac]      ^
[javac] symbol:   class Bug
[javac] location:  class JumperTest
[javac] 2 errors

BUILD FAILED
/home/Administrator/gridworld/GroupActivity/Jumper/build.xml:22: Compile failed; see the compiler error output for details.

Total time: 1 second
Administrator@vinzor-virtual-machine:~/gridworld/GroupActivity/Jumper$ ant test
Buildfile: /home/Administrator/gridworld/GroupActivity/Jumper/build.xml

init:
[delete] Deleting directory /home/Administrator/gridworld/GroupActivity/Jumper/build
[mkdir] Created dir: /home/Administrator/gridworld/GroupActivity/Jumper/build

compile:
[mkdir] Created dir: /home/Administrator/gridworld/GroupActivity/Jumper/build/classes
[javac] Compiling 3 source files to /home/Administrator/gridworld/GroupActivity/Jumper/build/classes

test:
[junit] Running JumperTest
[junit] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.029 sec

BUILD SUCCESSFUL
Total time: 2 seconds
Administrator@vinzor-virtual-machine:~/gridworld/GroupActivity/Jumper$ ant test
Buildfile: /home/Administrator/gridworld/GroupActivity/Jumper/build.xml

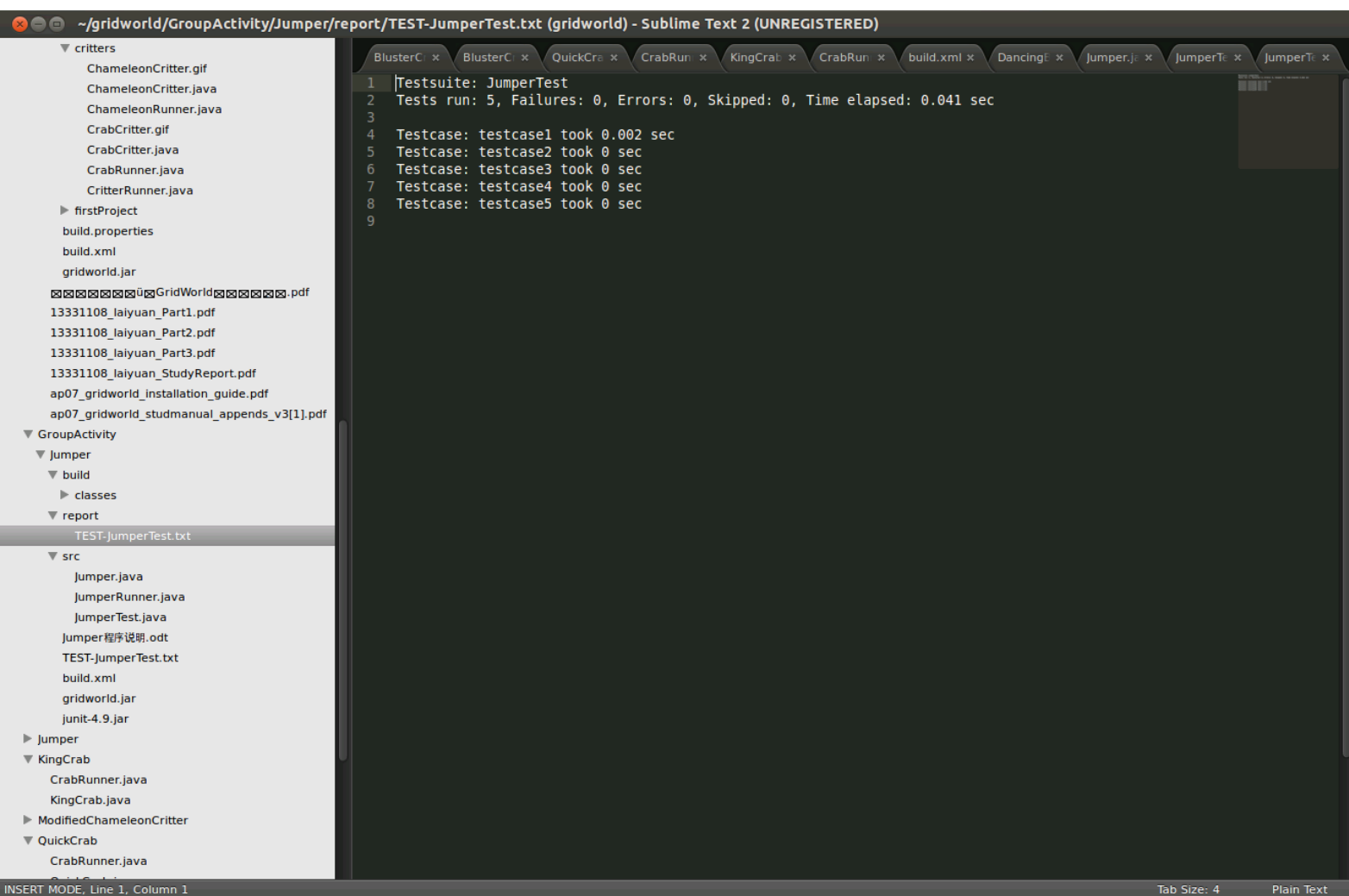
init:
[delete] Deleting directory /home/Administrator/gridworld/GroupActivity/Jumper/build
[mkdir] Created dir: /home/Administrator/gridworld/GroupActivity/Jumper/build

compile:
[mkdir] Created dir: /home/Administrator/gridworld/GroupActivity/Jumper/build/classes
[javac] Compiling 3 source files to /home/Administrator/gridworld/GroupActivity/Jumper/build/classes

test:
[junit] Running JumperTest
[junit] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.041 sec
```

2.2 测试结果

/**
* 在此描述测试结果，包括系统运行的截图
**/



2.3 结果分析

/**

* 在此分析测试结果是否与预期结果一致，如果不一致，说明原因

**/

the same.