

File Coverage Summary

| Name | Classes | Methods | Lines | Conditionals |
|-----------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Cell.java | 100% <div><div>1/1</div></div> | 67% <div><div>2/3</div></div> | 71% <div><div>5/7</div></div> | 50% <div><div>3/6</div></div> |

Source

| | |
|--|--|
| com/ciwithhudson/gameoflife/domain/Cell.java | |
| 1 | package com.ciwithhudson.gameoflife.domain; |
| 2 | |
| 3 | /** |
| 4 | * A single cell, which can be alive or dead. |
| 5 | */ |
| 6 | 819 abstract public class Cell { |
| 7 | |
| 8 | public abstract Boolean isAlive(); |
| 9 | |
| 10 | public Boolean isDead() { |
| 11 | 0 return !isAlive(); |
| 12 | } |
| 13 | |
| 14 | public abstract Cell nextGeneration(int neighbourCount); |
| 15 | |
| 16 | public static Cell fromChar(char cellValue) { |
| 17 | 92 if (cellValue == LivingCell.SYMBOL) { |
| 18 | 35 return new LivingCell(); |
| 19 | 57 } else if (cellValue == DeadCell.SYMBOL) { |
| 20 | 57 return new DeadCell(); |
| 21 | } |
| 22 | 0 throw new IllegalArgumentException("Illegal cell value character: " + cellValue); |
| 23 | } |
| 24 | |
| 25 | } |