

Package Explorer JUnit

Finished after 0.023 seconds

Runs: 3/3 Errors: 0 Failures: 0

ULintTest [Runner: JUnit 4] (0.005 s)

- testComparison (0.001 s)
- testIntValue (0.002 s)
- testEquality (0.002 s)

DoublyLinkedList.java ULint.java ULintTest.java

```
7 public class ULintTest
8 {
9
10     Random rng = new Random();
11     int first, second;
12     ULint num, num2;
13
14     @Test
15     public void testEquality()
16     {
17         for (int i = 0; i < 100; i++)
18         {
19             first = rng.nextInt(Integer.MAX_VALUE);
20             second = first;
21
22             num = new ULint(first);
23             num2 = new ULint(second);
24
25             assertTrue(num.equals(num2));
26         }
27
28         for (int i = 0; i < 100; i++)
29         {
30             first = rng.nextInt(Integer.MAX_VALUE);
31             second = rng.nextInt(Integer.MAX_VALUE);
32
33             num = new ULint(first);
34             num2 = new ULint(second);
35
36             assertFalse(num.equals(num2));
37         }
38     }
39 }
40
```

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testIntValue (0.002 s)

testEquality (0.002 s)

Failure Trace

DoublyLinkedList.javaULint.javaULintTest.java

```
38 }
39 }
40
41 @Test
42 public void testComparison()
43 {
44     for (int i = 0; i < 100; i++)
45     {
46         first = rng.nextInt(Integer.MAX_VALUE);
47         second = rng.nextInt(first);
48
49         num = new ULint(first);
50         num2 = new ULint(second);
51
52         assertEquals(num.compareTo(num2), 1);
53     }
54
55     for (int i = 0; i < 100; i++)
56     {
57         first = rng.nextInt(Integer.MAX_VALUE);
58         second = rng.nextInt(first);
59
60         num = new ULint(second);
61         num2 = new ULint(first);
62
63         assertEquals(num.compareTo(num2), -1);
64     }
65 }
66
67 }
68
69 @Test
70 public void testIntValue()
71 {
72     for (int i = 0; i < 100; i++)
73     {
74         first = rng.nextInt(Integer.MAX_VALUE);
75
76         num = new ULint(first);
77
78         assertEquals(num.intValue(), first);
79     }
80 }
81 }
82 }
```