

Fortress - Bug #5775

BitVector.longValue returns incorrect values

03/27/2015 12:00 PM - Andrei Tatarnikov

Status:	Closed	Start date:	03/27/2015
Priority:	Normal	Due date:	
Assignee:	Andrei Tatarnikov	% Done:	100%
Category:	Bit Vector	Estimated time:	0.00 hour
Target version:	0.4	Published in build:	150421
Detected in build:	svn		
Platform:			

Description

Subject. The code blow fails:

```
final BitVector bv1 = BitVector.valueOf(0x00000000000A0000L, 64);
System.out.println(bv1.toHexString());
System.out.println(Long.toHexString(bv1.longValue()));
assertEquals(0x00000000000A0000L, bv1.longValue());

final BitVector bv2 = BitVector.valueOf(0xFFFFFFFF5FFFFL, 64);
System.out.println(bv2.toHexString());
System.out.println(Long.toHexString(bv2.longValue()));
assertEquals(0xFFFFFFFF5FFFFL, bv2.longValue());

final BitVector bv3 = BitVector.valueOf(0xDEADBEEFBAADF00DL, 64);
System.out.println(bv3.toHexString());
System.out.println(Long.toHexString(bv3.longValue()));
assertEquals(0xDEADBEEFBAADF00DL, bv3.longValue());
```

History

#1 - 03/27/2015 12:09 PM - Andrei Tatarnikov

I meant test 2 and 3. Test 1 is successful.

#2 - 03/27/2015 12:24 PM - Andrei Tatarnikov

- Status changed from New to Resolved

- % Done changed from 0 to 100

Fixed in r852.

#3 - 04/21/2015 07:50 PM - Andrei Tatarnikov

- Status changed from Resolved to Closed

- Target version set to 0.4

- Published in build set to 150421