neo4j / **neo4j**

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AssertionError when setting certain GraphProperties

New issue

Open   **bachmanm** opened this issue Apr 12, 2015 · 0 comments

bachmanm commented Apr 12, 2015

Aware of the fact that this isn't for public use, still think you guys might want to know about this. Does not seem to affect nodes and relationships.

```
    @Test
    public void bugDemo() {
        GraphDatabaseService database = new TestGraphDatabaseFactory().newImpermanentDatab

        GraphProperties graphProperties = ((GraphDatabaseAPI) database).getDependencyResol

        try (Transaction tx = database.beginTx()) {
            graphProperties.setProperty("a", new String[]{"A","B","C","D","E","F"});
            graphProperties.setProperty("b", true);
            graphProperties.setProperty("c", "C");
            tx.success();
        }

        try (Transaction tx = database.beginTx()) {
            graphProperties.setProperty("d", new String[]{"A","F"});
            graphProperties.setProperty("e", true);
            graphProperties.setProperty("f", "F");
            tx.success();
        }


        try (Transaction tx = database.beginTx()) {
            graphProperties.setProperty("g", new String[]{"F"});
            graphProperties.setProperty("h", false);
            graphProperties.setProperty("i", "I");
            tx.success(); //fails here
        }

        try (Transaction tx = database.beginTx()) {
            assertFalse((boolean) graphProperties.getProperty("h"));
            tx.success();
        }
    }
```

Fails with:

```
java.lang.AssertionError: NeoStoreRecord[used=true,prop=0]->[Property[0,used=true,prev=1,n
    at org.neo4j.kernel.impl.transaction.state.PropertyTraverser.assertPropertyChain(Prope
    at org.neo4j.kernel.impl.transaction.state.PropertyCreator.primitiveAddProperty(Proper
    at org.neo4j.kernel.impl.transaction.state.NeoStoreTransactionContext.primitiveAddProp
    at org.neo4j.kernel.impl.transaction.state.TransactionRecordState.graphAddProperty(Tra
    at org.neo4j.kernel.impl.api.KernelTransactionImplementation$TransactionToRecordStateV
    at org.neo4j.kernel.impl.api.state.TxState$12.visitPropertyChanges(TxState.java:370)
    at org.neo4j.kernel.impl.api.state.PropertyContainerState$Mutable.accept(PropertyConta
    at org.neo4j.kernel.impl.api.state.TxState.accept(TxState.java:180)
    at org.neo4j.kernel.impl.api.KernelTransactionImplementation.prepareRecordChangesFromT
    at org.neo4j.kernel.impl.api.KernelTransactionImplementation.commit(KernelTransactionI
    at org.neo4j.kernel.impl.api.KernelTransactionImplementation.close(KernelTransactionIm
    at org.neo4j.kernel.TopLevelTransaction.close(TopLevelTransaction.java:112)
    at com.graphaware.BugTest.demoBug(BugTest.java:47)
```

Labels
None yet

Milestone
No milestone

Assignee
No one assigned

1 participant

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