neo4j / **neo4j**   Watch 238   Star 1,885   Fork 730

Implemented the visitor pattern for Result

Merged   **thobe** merged 1 commit into `neo4j:2.3` from `Mats-SX:2.3-visitor-results` Mar 30, 2015

Conversation 4   Commits 1   Files changed 5   +335 −9

Mats-SX commented Mar 27, 2015   Collaborator

Result now accepts a ResultVisitor, which is deferred to its inner ExtendedExecutionResult.

Implemented the visitor pattern for Result. Result now accepts a Resu… ⋯   79f4968

Mats-SX added cypher 2.3 labels Mar 27, 2015

Mats-SX referenced this pull request Mar 27, 2015

Add visit() to Result #4279   Closed

pontusmelke commented on the diff Mar 27, 2015

.../scala/org/neo4j/cypher/ExtendedExecutionResult.scala   View full changes

```
                ((16 lines not shown))
  33   +      while (continue && hasNext) {
  34   +        row.map = next()
  35   +        continue = visitor.visit(row)
  36   +      }
  37   +    }
  38   +}
  39   +
  40   +private class MapResultRow extends ResultRow {
  41   +
  42   +    var map: Map[String, Any] = Map.empty
  43   +
  44   +    override def getNode(key: String): Node = getWithType(key, classOf[Node]
  45   +
  46   +    override def getRelationship(key: String): Relationship = getWithType(key
  47   +
  48   +    override def get(key: String): Object = getWithType(key, classOf[Object])
```

pontusmelke added a note Mar 27, 2015   Collaborator

Can't we do without the cast here?

Add a line note

pontusmelke commented on the diff Mar 27, 2015

.../compatibility/ExecutionResultWrapperFor2_3Test.scala   View full changes

Labels

2.3
cypher

Milestone

No milestone

Assignee

No one assigned

4 participants

```
      ((21 lines not shown))
21 +
22 +import java.util.NoSuchElementException
23 +
24 +import org.mockito.Mockito._
25 +import org.mockito.invocation.InvocationOnMock
26 +import org.mockito.stubbing.Answer
27 +import org.neo4j.cypher.internal.commons.CypherFunSuite
28 +import org.neo4j.cypher.internal.compiler.v2_3.PlannerName
29 +import org.neo4j.cypher.internal.compiler.v2_3.executionplan.InternalExecut
30 +import org.neo4j.graphdb.Result.{ResultRow, ResultVisitor}
31 +import org.neo4j.graphdb.{Node, Relationship, ResourceIterator}
32 +import org.neo4j.kernel.impl.query.{QueryExecutionMonitor, QuerySession}
33 +
34 +import scala.collection.mutable.ListBuffer
35 +
36 +/**
```

pontusmelke added a note Mar 27, 2015   `Collaborator`

we usually remove these generated comments

Add a line note

pontusmelke commented on the diff Mar 27, 2015

...ty/kernel/src/main/java/org/neo4j/graphdb/Result.java   View full changes

```
      ((8 lines not shown))
195 +      * This is an alternative to using the iterator form of Result. Using 1
196 +      * creation perspective.
197 +      *
198 +      * @param visitor the ResultVisitor instance that will see the results
199 +      */
200 +    void accept( ResultVisitor visitor );
201 +
202 +    /**
203 +      * Describes a row of a result. The contents of this object is only sta
204 +      * {@linkplain ResultVisitor#visit(ResultRow) visit} call. The data it
205 +      * {@linkplain ResultVisitor#visit(ResultRow) the visit method}. Instar
206 +      * for later, or shared with other threads, rather the content should b
207 +      */
208 +    interface ResultRow
209 +    {
210 +        // TODO: Figure out type coercion around primitives
```

pontusmelke added a note Mar 27, 2015   `Collaborator`

Are we figuring this out now or later?

Add a line note

pontusmelke commented on the diff Mar 30, 2015

.../scala/org/neo4j/cypher/ExtendedExecutionResult.scala   View full changes

```
      ((7 lines not shown))
23 24
24 25   trait ExtendedExecutionResult extends ExecutionResult {
25 26     def planDescriptionRequested: Boolean
26 27     def executionType: QueryExecutionType
27 28     def notifications: Iterable[Notification]
   29 +
   30 +   def accept(visitor: ResultVisitor): Unit = {
```

pontusmelke added a note Mar 30, 2015   `Collaborator`

I think that this should be pushed even further down. Having this implementation in
`PipeExecutionResult` and `ExplainExecutionResult` instead.

Add a line note

thobe merged commit **abf94a0** into `neo4j:2.3` Mar 30, 2015

1 check passed

View details

Mats-SX deleted the `Mats-SX:2.3-visitor-results` branch Apr 7, 2015