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regex bug neo4j

New issue



Closed

fernandoclaudio opened this issue Apr 4, 2015 · 2 comments



fernandoclaudio commented Apr 4, 2015

This query with 'regex' works:

```
WITH ['qwert yuiop', 'qwert find-me yuiop', 'find-me asdfg hjkl'] AS txts
UNWIND txts AS t
WITH t WHERE t =~ '.*find-me.*'
RETURN t
;
result:
==> "qwert find-me yuiop"
==> "find-me asdfg hjkl"
==> 2 rows
Works!
```

But if texts contain '\n' (linebreak), this don't work:

```
WITH ['qwert yuiop', '\n qwert find-me yuiop', 'find-me asdfg hjkl \n'] AS txts
UNWIND txts AS t
WITH t WHERE t =~ '.*find-me.*'
RETURN t
;
result:
==> 0 row
Fail :(
```

My version:

Neo4j - Graph Database Kernel (neo4j-kernel), version: 2.2.0 (neo4j-community-2.2.0-unix.tar.gz)
java version "1.7.0_75"
Linux neo4jServer 3.2.0-4-amd64 SMP Debian 3.2.65-1+deb7u1 x86_64 GNU/Linux

Workaround:

If texts are properties of node/rels then use legacy index with a lucene query:

```
START t=node:node_auto_index('text:.*find-me.*')
RETURN t;
```

Labels

None yet

Milestone

No milestone

Assignee

No one assigned

2 participants



fernandoclaudio commented Apr 4, 2015

It's not a bug it's a feature.

In Regex there are languages dependent small differences: grep, Perl, PHP, Java, sed.

In Neo4j this worked just add "(?s)" at the beginning of search string.

Example:

```
identifier =~ '(?s).*find-me.*'
```

But... could enrich the documentation with more examples, including multi-line example.

http://neo4j.com/docs/stable/query-where.html#_regular_expressions

Thanx



jexp commented Apr 4, 2015

Collaborator

Thanks for the feedback, yep a quick example or at least linking to the Java Regexp docs would make sense.

But for your use-case the lucene option might be the better fit anyway.



jexp closed this Apr 4, 2015

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