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Cypher Search Query Fuzzy query

asked 4 months ago

viewed 38 times

active 4 months ago

- I want to use cypher to search,
1. I have four movie enerties, forrest, sky, sky1, sky2
 2. I want search sky
 3. I want it returns sky, sky1, sky2

My cypher is

```
@Query("MATCH (movie:Movie) WHERE movie.title =~ '.*{0}.*' RETURN movie")
```

or

```
@Query("MATCH (movie:Movie) WHERE movie.title =~ '(?i).*{0}.*' RETURN movie")
```

Neither of those works well: it return forrest, sky,sky1, sky2 no matter what I search (forrest or sky). What is wrong? controller

```
@RequestMapping(value = "/movies", method = RequestMethod.GET, headers = "Accept=txt")
public String findMovies(Model model, @RequestParam("q") String query) {
    if (query != null && !query.isEmpty()) {

        List<Movie> movies = movieRepository.findByTitleLike("(?i).*sky.*");

        model.addAttribute("movies", IteratorUtil.asCollection(movies));
    } else {
        model.addAttribute("movies", Collections.emptyList());
    }
    model.addAttribute("query", query);

    return "movies/list";
}
```

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The last time I was doing regular expression matching was in a previous version of Neo4j, at that time you could not construct the regular expression using a parameter in this way. The {0} does not get converted. Instead you should change your query to:

```
neo4j cypher spring-data-neo4j anormcypher
@Query("MATCH (movie:Movie) WHERE movie.title =~ {0} RETURN movie")
List<Movie> findByTitleLike(String like)pr 10 at 1:46
```

asked Apr 8 at 4:11

45 8

And call it with:

```
myMovieRepository.findByTitleLike("(?i).*sky.*")
```

share improve this answer

answered Apr 9 at 9:07



JohnMark13

2,843 1 4 22

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

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this word well,but i want make sky Variable,what shoud i do? – yang Apr 14 at 1:11


Well @yang very simply `.findByTitleLike("(?i).*" + query + ".*")` , but do it better than that.
– JohnMark13 Apr 14 at 12:15


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