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how to use spring data neo4j search for fulltext

asked 4 months ago

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I am learning spring data neo4j and spring .I want to search fulltext,for example I have three Movies (sky,sky1,sky2),when i search "sky",it return sky,sky1,sky2.firt i use repository below

```
package com.oberon.fm.repository;
@Repository
public interface MovieRepository extends GraphRepository<Movie> {
    Movie findById(String id);
    Page<Movie> findByTitleLike(String title, Pageable page);
}
```

My controller below

```
@RequestMapping(value = "/movies", method = RequestMethod.GET, headers = "Accept=te
public String findMovies(Model model, @RequestParam("q") String query) {
    log.debug("1");
    if (query != null && !query.isEmpty()) {
        Page<Movie> movies =movieRepository.findByTitleLike(query, new PageRequest(0
        model.addAttribute("movies", movies.getContent());
    } else {
        model.addAttribute("movies", Collections.emptyList());
    }
    model.addAttribute("query", query);
    addUser(model);
    return "/movies/list";
}
```

these does not work well,i think somewhere might be wrong,but i dont know,if you have any idea,tell me thanks! by the way,it throw exception java.lang.NullPointerException. My Movie entity

```
@NodeEntity
public class Movie {
    @GraphId
    Long nodeId;

    @Indexed(indexType = IndexType.FULLTEXT, indexName = "id")
    String id;

    @Indexed(indexType = IndexType.FULLTEXT, indexName = "search")
    String title;

    String description;

    @RelatedTo(type = "DIRECTED", direction = INCOMING)
    Set<Director> directors;

    @RelatedTo(type = "ACTS_IN", direction = INCOMING)
    Set<Actor> actors;

    @RelatedToVia(type = "ACTS_IN", direction = INCOMING)
    Iterable<Role> roles;

    @RelatedToVia(type = "RATED", direction = INCOMING)
    @Fetch
    Iterable<Rating> ratings;
    private String language;
    private String imdbId;
    private String tagline;
    private Date releaseDate;
    private Integer runtime;
}
```

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```
private String homepage;
private String trailer;
private String genre;
private String studio;
private Integer version;
private Date lastModified;
private String imageUrl;
```

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share improve this question

edited Apr 7 at 1:36

asked Apr 3 at 9:18

 yang
45 ● 8

share the exception, what does your `Movie` look like? What does your `query` value look like? You should use `@Indexed(type=fulltext)` on title. – Michael Hunger Apr 3 at 10:24

the query value is "sky",i have three movies(sky,sky1,sky2),and i want when i query "sky",it return (sky,sky1,sky2),am i lose anything,whether i need a cypher?these are all my code.i dont know how i search db only use `Page<Movie> findByTitleLike(String title, Pageable page);`tell me Michael thank you very much – yang Apr 7 at 1:41

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