

Dynamic field mapping ElasticSearch

...

Václav Čevela

Vložení mappingu

```
PUT twitter ①
```

```
{}
```

```
PUT twitter/_mapping/_doc ②
```

```
{
```

```
  "properties": {
```

```
    "email": {
```

```
      "type": "keyword"
```

```
    }
```

```
  }
```

```
}
```

Znáte?

```
{
  "error": {
    "root_cause": [
      {
        "type": "mapper_parsing_exception",
        "reason": "failed to parse [name]"
      }
    ],
    "type": "mapper_parsing_exception",
    "reason": "failed to parse [name]",
    "caused_by": {
      "type": "illegal_argument_exception",
      "reason": "Failed to parse value [asd] as only [true] or [false] are allowed."
    }
  },
  "status": 400
}
```

```
{
  "error": {
    "root_cause": [
      {
        "type": "query_shard_exception",
        "reason": "failed to create query: {\n  \"match\" : {\n    \"name\" : {\n      \"query\" :  
      \"asd\", \n      \"operator\" : \"OR\", \n      \"prefix_length\" : 0, \n      \"max_expansions\" : 50, \n      \"fuzzy_transpositions\" : true, \n      \"lenient\" :  
      false, \n      \"zero_terms_query\" : \"NONE\", \n      \"auto_generate_synonyms_phrase_query\" : true, \n      \"boost\" : 1.0\n    } \n } \n }",
        "index_uuid": "d7esBARXThKbs5kThfnHGQ",
        "index": "nay2014_entity_1"
      }
    ],
    "type": "search_phase_execution_exception",
    "reason": "all shards failed",
    "phase": "query",
    "grouped": true,
    "failed_shards": [
      {
        "shard": 0,
        "index": "nay2014_entity_1",
        "node": "XGpI7A7mS3SLJI6fdBDq6A",
        "reason": {
          "type": "query_shard_exception",
          "reason": "failed to create query: {\n  \"match\" : {\n    \"name\" : {\n      \"query\"  
      : \"asd\", \n      \"operator\" : \"OR\", \n      \"prefix_length\" : 0, \n      \"max_expansions\" : 50, \n      \"fuzzy_transpositions\" : true, \n      \"lenient\" :  
      false, \n      \"zero_terms_query\" : \"NONE\", \n      \"auto_generate_synonyms_phrase_query\" : true, \n      \"boost\" : 1.0\n    } \n } \n }",
          "index_uuid": "d7esBARXThKbs5kThfnHGQ",
          "index": "nay2014_entity_1",
          "caused_by": {
            "type": "illegal_argument_exception",
            "reason": "Can't parse boolean value [asd], expected [true] or [false]"
          }
        }
      }
    ]
  }
}
```

Dynamic field mapping

- true
- false
- strict

Nastavení

```
PUT spameri_video
```

```
{  
  "mappings": {  
    "product": {  
      "dynamic": "strict",  
      "properties": {  
        "name": {  
          "type": "keyword"  
        }  
      }  
    }  
  }  
}
```

Dekuji za pozornost

Otázky?

github.com/spameri/elastic
[twitter/spamercz](https://twitter.com/spamercz)