# Learning ElasticSearch 5.0

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Video 4.2

*Using REST API to Search*

Console - Kibana    store | Elasticsearch Refere...    +

localhost:5601/app/kibana#/dev_tools/console?_g=()    Search

# kibana

Dev Tools

## Console

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History    Settings    Help

```
1  GET /books/_count
2
```

```json
1 {
2    "count": 25,
3    "_shards": {
4       "total": 1,
5       "successful": 1,
6       "failed": 0
7    }
8 }
```

Collapse

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```
1  GET /books/book/_count
2
```

```json
1 {
2    "count": 20,
3    "_shards": {
4       "total": 1,
5       "successful": 1,
6       "failed": 0
7    }
8 }
```

Collapse

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Dev Tools

## Console

```
1  GET /books/book/_count
2  {
3    "query": {
4      "match": {
5        "author":"Robert Gerlach"
6      }
7    }
8  }
```

1

Console - Kibana

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```
1  GET /books/book/_count
2  {
3    "query": {
4      "match": {
5        "author":"Robert Gerlach"
6      }
7    }
8  }
```

```
1  {
2    "count": 2,
3    "_shards": {
4      "total": 1,
5      "successful": 1,
6      "failed": 0
7    }
8  }
```

Collapse

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```
1  GET /books/_search
2 ▾ {
3 ▾   "query": {
4 ▾     "match": {
5           "author":"Dennis Alder"
6 ▾     }
7 ▾   }
8 ▾ }
9
```

```
1 ▾ {
2     "count": 2,
3 ▾   "_shards": {
4       "total": 1,
5       "successful": 1,
6       "failed": 0
7 ▾   }
8 ▾ }
```

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```
1  GET /books/_search
2 - {
3 -   "query": {
4 -     "match": {
5         "author":"Dennis Alder"
6 -     }
7 -   }
8 - }
9
```

```json
1 - {
2    "took": 1,
3    "timed_out": false,
4 -  "_shards": {
5      "total": 1,
6      "successful": 1,
7      "failed": 0
8 -  },
9 -  "hits": {
10     "total": 1,
11     "max_score": 2.4480765,
12 -   "hits": [
13 -     {
14         "_index": "books",
15         "_type": "book",
16         "_id": "15",
17         "_score": 2.4480765,
18 -       "_source": {
19           "title": "The Art of the Automobile: The 100 Greatest Cars",
20           "description": "Award-winning automotive historian, author, and photographe
r Dennis Adler takes you on a whirlwind tour through more than a century of automotiv
e history, from the first production motorcar, the the 1886 Benz Patent Motorwage, to
fabled makes including Hispano-Suiza, Duesenberg, packard, and Hudson",
21           "author": "Dennis Adler",
22           "tags": "automobile",
23           "price": 34.19,
24           "language": "en",
25           "pub_date": "2000-05-03",
26           "isbn": "0061051284"
27 -       }
28 -     }
29 -   ]
30 - }
31 - }
```

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```
1  GET books/_search?size=5&from=10
2
```

```json
1  {
2    "took": 2,
3    "timed_out": false,
4    "_shards": {
5      "total": 1,
6      "successful": 1,
7      "failed": 0
8    },
9    "hits": {
10     "total": 25,
11     "max_score": 1,
12     "hits": [
13       {
14         "_index": "books",
15         "_type": "book",
16         "_id": "12",
17         "_score": 1,
18         "_source": {
19           "title": "Car: The Definitive Visual History of the Automobile",
20           "description": "Tracing the history of the automobile, from the first
   prototypes to the super cars of today, Car covers the technological developments and
   manufacture of cars, the cultural backdrop against which the various models arose,
   and the enduring impact the car has had on society as an object of curiosity, symbol
   of luxury, and item of necessity.  The most lavishly illustrated treatment of the
   subject on the market, featuring the most noteworthy cars of each decade in beautiful
   ly photographed catalogs, Car is truly an international view of the automobile
   through time, with histories of the men and machines that created brands which are
   now household names.",
21           "author": "DK",
22           "tags": "automobile",
23           "price": 25.97,
24           "language": "en",
25           "pub_date": "2011-05-02",
26           "isbn": "0756671671"
27         }
28       },
```

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```
1  GET /books/book/_search
2  {
3    "query": {
4      "term": {
5        "isbn":"9783981850000"
6      }
7    }
8  }
9
```

```
1  {
2    "took": 1,
3    "timed_out": false,
4    "_shards": {
5      "total": 1,
6      "successful": 1,
7      "failed": 0
8    },
9    "hits": {
10     "total": 1,
11     "max_score": 2.6390574,
12     "hits": [
13       {
14         "_index": "books",
15         "_type": "book",
16         "_id": "1",
17         "_score": 2.6390574,
18         "_source": {
19           "title": "Innovator's High",
20           "description": "Robert Gerlach is a global expert on business creativity who provides new insights on creative thinking, such as >> the #1 reason why people have their best ideas on the job >> a key secret behind the innovators Leonardo da Vinci and Steve Jobs >> why Mozart's genius wouldn't reach a high note in today's open-plan offices >> how to transform negative feelings into creative power >> how to eat creativity >> how to Karate chop writer's block and >> why great artists never steal.",
21           "author": "Robert Gerlach",
22           "tags": "business creativity, creative, innovation",
23           "price": 19.95,
24           "language": "en",
25           "pub_date": "2017-01-04",
26           "isbn": "9783981850000"
27         }
28       }
29     ]
30   }
```

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```
1  GET /books,magazines/book,magazine/_search
2  {
3    "query": {
4      "match": {
5        "author":"Robert Louis Stevenson"
6      }
7    }
8  }
9
10
11
```

```
1  {
2    "took": 4,
3    "timed_out": false,
4    "_shards": {
5      "total": 6,
6      "successful": 6,
7      "failed": 0
8    },
9    "hits": {
10     "total": 3,
11     "max_score": 5.4780326,
12     "hits": [
13       {
14         "_index": "books",
15         "_type": "book",
16         "_id": "10",
17         "_score": 5.4780326,
18         "_source": {
19           "title": "The Suicide Club (Wisehouse Classics Edition)",
20           "description": "THE SUICIDE CLUB is a collection of three 19th century detective fiction short stories by Robert Louis Stevenson that combine to form a single narrative. First published in the London Magazine in 1878, they were collected and republished in the first volume of the New Arabian Nights.",
21           "author": "Robert Louis Stevenson",
22           "tags": "literature",
23           "price": 3.49,
24           "language": "en",
25           "pub_date": "2015-11-15",
26           "isbn": "9176370682"
27         }
28       },
29       {
30         "_index": "books",
31         "_type": "book",
32         "_id": "1",
33         "_score": 1.9742178,
```

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