Learning ElasticSearch 5.0

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Video 3.2

Adding and Deleting Documents ▶

In this Video, we are going to take a look at...

- Adding a document

- Deleting a document

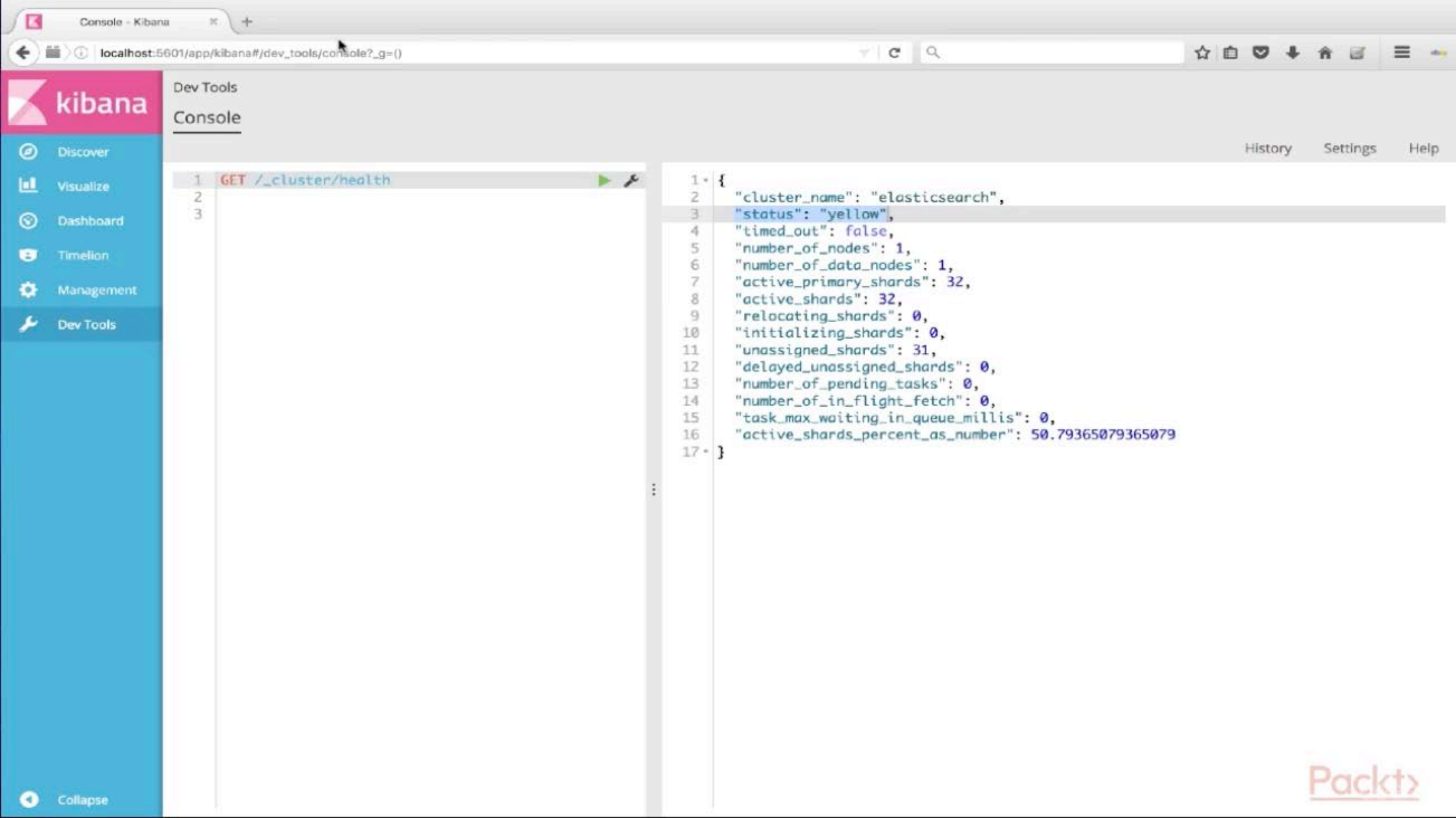# Adding a Document

- Without assigning an id

```
curl -XPOST'http://localhost:9200/books/author/'- d'
    {
        "name":"Michael J"
    }'
```

- With assigning an id

```
curl -XPUT 'http://localhost:9200/books/author/1/_create'- d'
    {
        "name":"Michael J"
    }'
```
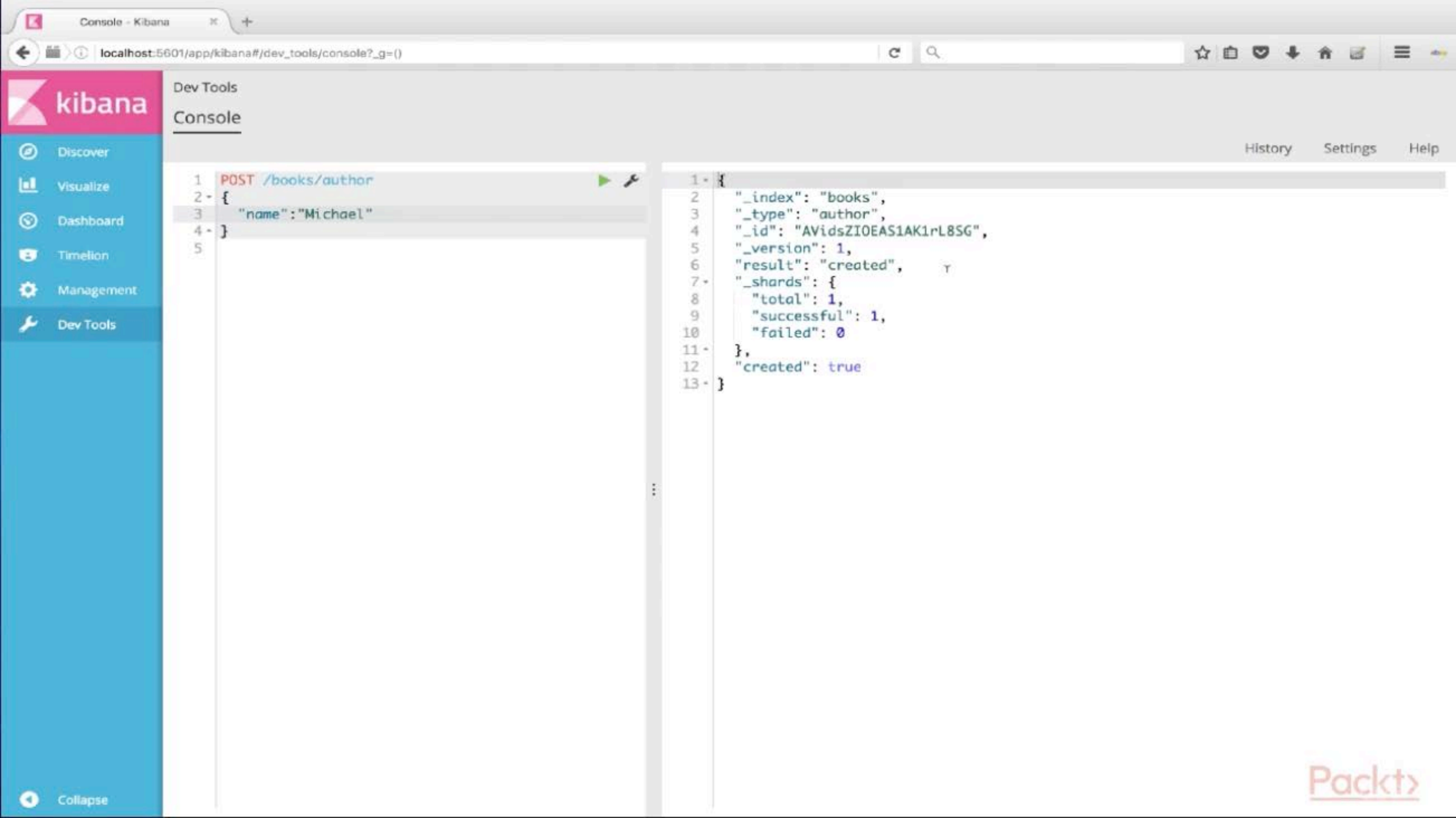
Deleting a Document

```
curl -XDELETE 'http://localhost:9200/books/author/1/' – d'

{

        "name":"Michael J"

}'
```

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

kibana

Dev Tools

Console

Discover

Visualize

Dashboard

Timelion

Management

Dev Tools

History   Settings   Help

```
1  GET /_cluster/health
2
3
```

```
1  {
2    "cluster_name": "elasticsearch",
3    "status": "yellow",
4    "timed_out": false,
5    "number_of_nodes": 1,
6    "number_of_data_nodes": 1,
7    "active_primary_shards": 32,
8    "active_shards": 32,
9    "relocating_shards": 0,
10   "initializing_shards": 0,
11   "unassigned_shards": 31,
12   "delayed_unassigned_shards": 0,
13   "number_of_pending_tasks": 0,
14   "number_of_in_flight_fetch": 0,
15   "task_max_waiting_in_queue_millis": 0,
16   "active_shards_percent_as_number": 50.79365079365079
17 }
```
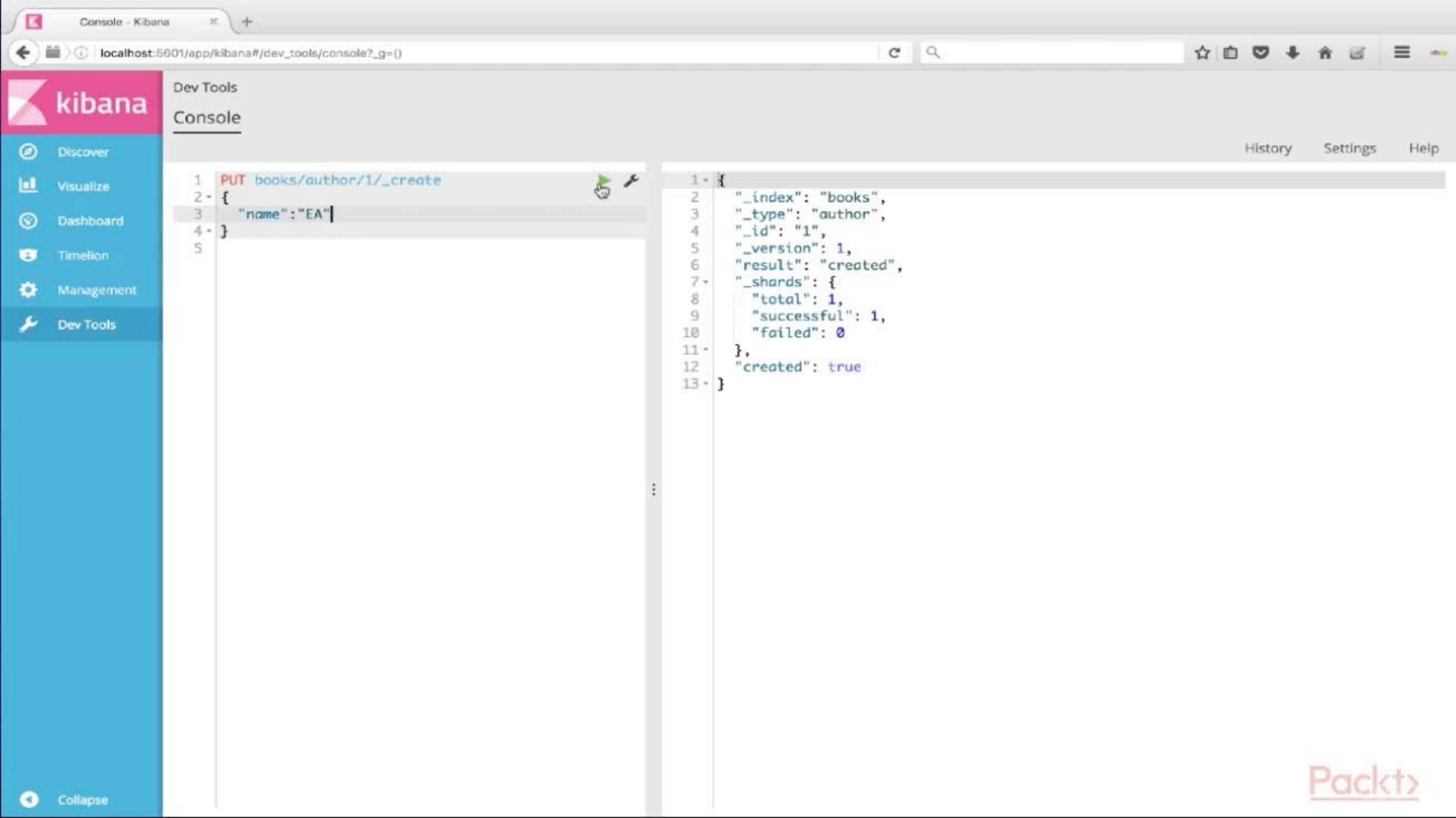
Collapse

Packt>

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

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Dev Tools

Console

- Discover
- Visualize
- Dashboard
- Timelion
- Management
- Dev Tools

History   Settings   Help

```
1  POST /books/author
2  {
3    "name":"Michael"
4  }
5
```

```
1  {
2    "_index": "books",
3    "_type": "author",
4    "_id": "AVidsZIOEAS1AK1rL8SG",
5    "_version": 1,
6    "result": "created",
7    "_shards": {
8      "total": 1,
9      "successful": 1,
10     "failed": 0
11   },
12   "created": true
13 }
```
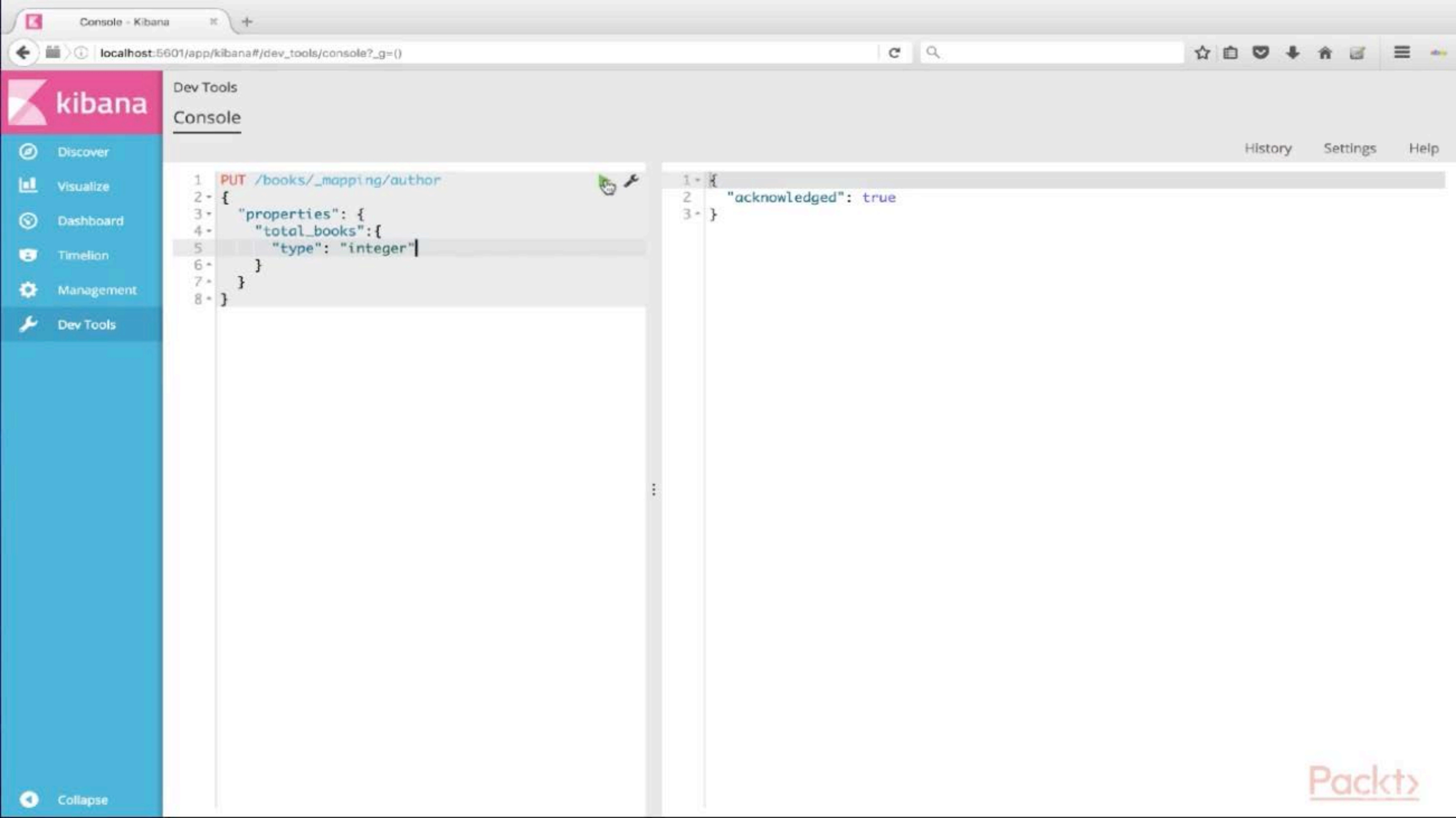
Collapse

Packt>

Dev Tools

Console

```
1  PUT books/author/1/_create
2  {
3    "name":"EA"
4  }
5
```

```json
{
  "_index": "books",
  "_type": "author",
  "_id": "1",
  "_version": 1,
  "result": "created",
  "_shards": {
    "total": 1,
    "successful": 1,
    "failed": 0
  },
  "created": true
}
```

kibana

Discover

Visualize

Dashboard

Timelion

Management

Dev Tools

Collapse

kibana

Dev Tools

Console

Discover

Visualize

Dashboard

Timelion

Management

Dev Tools

History   Settings   Help

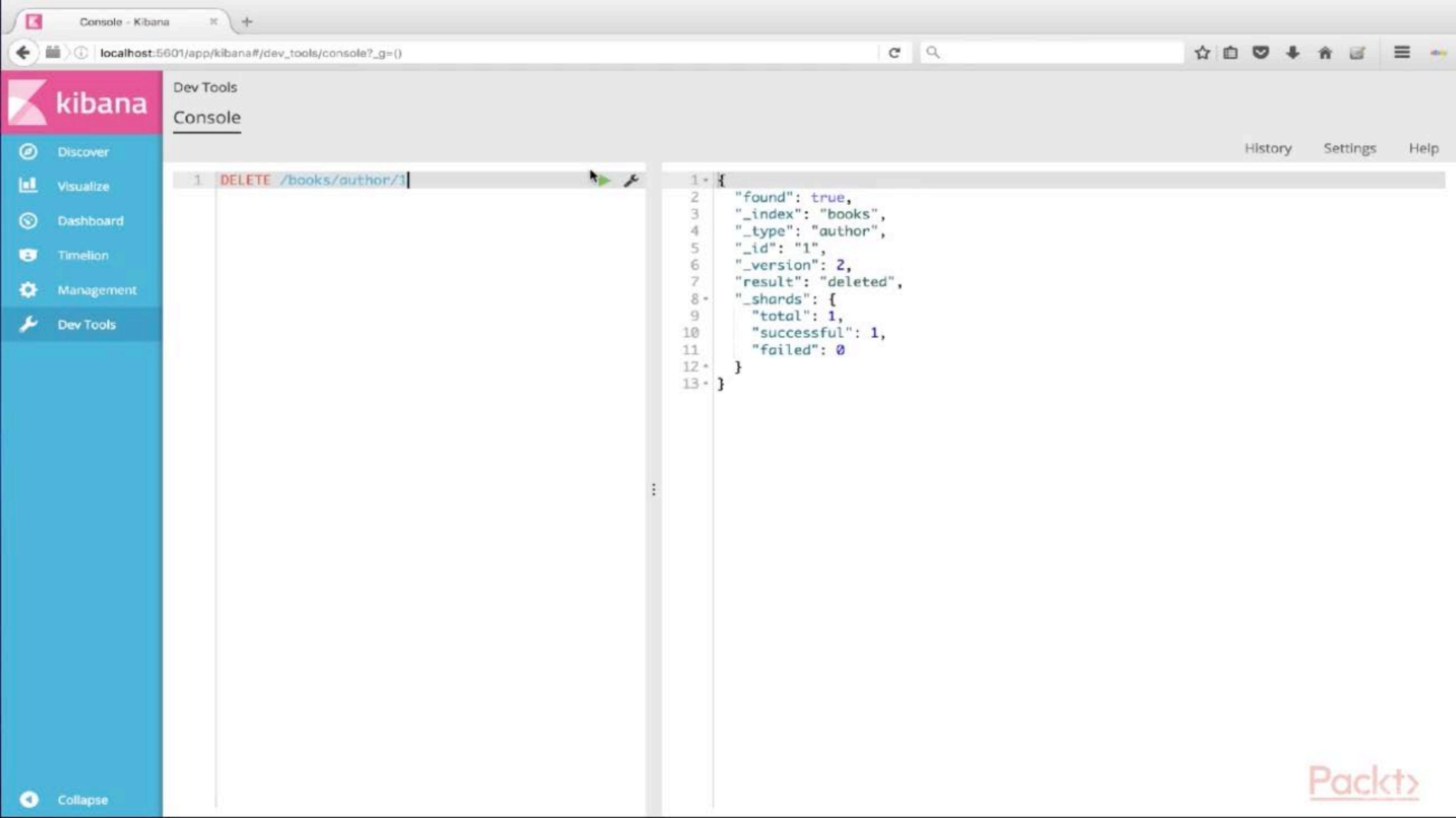```
1   PUT /books/_mapping/author
2 - {
3 -   "properties": {
4 -   "total_books":{
5   "type": "integer"
6 -   }
7 -   }
8 - }
```

```
1 - {
2      "acknowledged": true
3 - }
```

Collapse

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

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Dev Tools

Console

Discover

Visualize

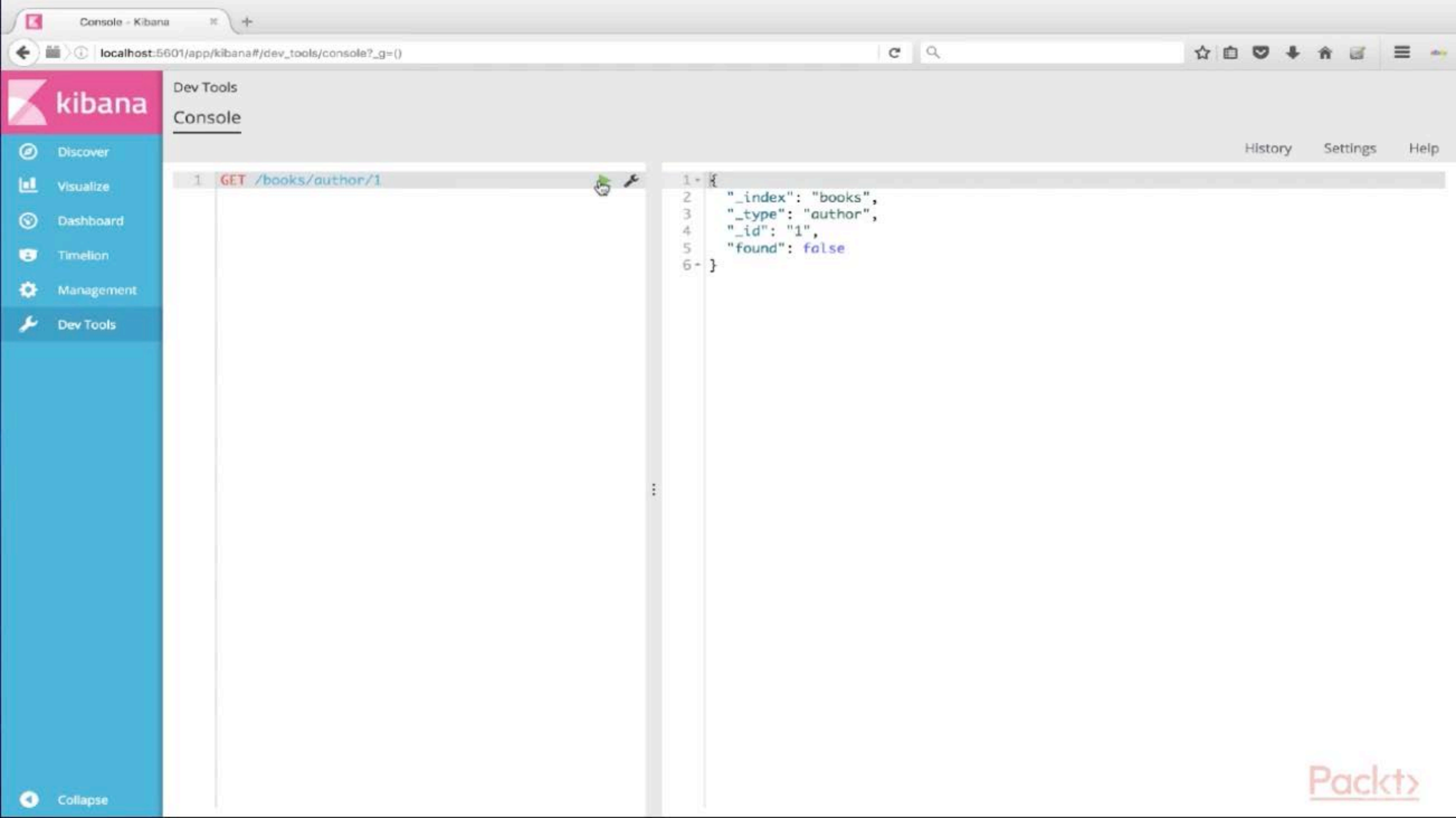Dashboard

Timelion

Management

Dev Tools

History   Settings   Help

```
1   DELETE /books/author/1
```

```
1 - {
2       "found": true,
3       "_index": "books",
4       "_type": "author",
5       "_id": "1",
6       "_version": 2,
7       "result": "deleted",
8 -     "_shards": {
9           "total": 1,
10          "successful": 1,
11          "failed": 0
12 -    }
13 - }
```

Collapse

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

kibana

- Discover
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- Dashboard
- Timelion
- Management
- Dev Tools

Dev Tools

Console

History   Settings   Help

```
1   GET /books/author/1
```

```json
1 {
2     "_index": "books",
3     "_type": "author",
4     "_id": "1",
5     "found": false
6 }
```

Collapse

Packt>

Next Video

Using Bulk API