

Video 4.3

Using REST API to Update



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

- PUT versus POST verb
- Using REST Update API

PUT Versus POST

- PUT: A delete and then create document command
- POST: Allows partial updating of documents



Dev Tools
Console

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```
1 PUT /index_test
2
3
4
5
6
7
```

```
1 {
2   "acknowledged": true,
3   "shards_acknowledged": true
4 }
```



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```
1 PUT /index_test/type_test/3
2 {
3   "name": "EA",
4   "goal": "Knowledge"
5 }
6
7
8
9
10
11
```

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



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```
1 GET /index_test/type_test/3
```

```
1 {
2   "_index": "index_test",
3   "_type": "type_test",
4   "_id": "3",
5   "_version": 1,
6   "found": true,
7   "_source": {
8     "name": "EA",
9     "goal": "Knowledge"
10  }
11 }
```




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```
1 PUT /index_test/type_test/3
2 {
3   "name": "ElasticSearch"
4 }
```

```
1 {
2   "_index": "index_test",
3   "_type": "type_test",
4   "_id": "3",
5   "_version": 2,
6   "result": "updated",
7   "_shards": {
8     "total": 2,
9     "successful": 1,
10    "failed": 0
11  },
12   "created": false
13 }
```



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```
1 GET /index_test/type_test/3
2
3
4
5
6
7
8
9
```

```
1 {
2   "_index": "index_test",
3   "_type": "type_test",
4   "_id": "3",
5   "_version": 2,
6   "found": true,
7   "_source": {
8     "name": "ElasticSearch"
9   }
10 }
```




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```
1 PUT /index_test/type_test/4
2 {
3   "name": "The Test Doc",
4   "goal": "To Make a Point"
5 }
6
7
8
9
10
11
12
13
14
15
```

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



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```
1 POST /index_test/type_test/4/_update
2 {
3   "doc": {
4     "goal": "Understanding"
5   }
6 }
```

```
1 {
2   "_index": "index_test",
3   "_type": "type_test",
4   "_id": "4",
5   "_version": 2,
6   "result": "updated",
7   "_shards": {
8     "total": 2,
9     "successful": 1,
10    "failed": 0
11  }
12 }
```

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Discover

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Collapse

Dev Tools

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1GET /index_test/type_test/4

1-{

2 "_index": "index_test",

3 "_type": "type_test",

4 "_id": "4",

5 "_version": 2,

6 "found": true,

7 "_source": {

8 "name": "The Test Doc",

9 "goal": "Understanding"

10 }

11 }

Summary

- Elasticsearch REST API, dichotomy of a query, and http verbs
- Performed a range of queries
- Learned about updating a document

Next Section

Power Your Searches with DSL