1. Search for rock or climbing

GET /megacorp/employee/\_search  
{  
"query" : {  
"match" : {  
"about" : "rock climbing"  
}  
}  
}

1. Search for phrase “rock climbing”

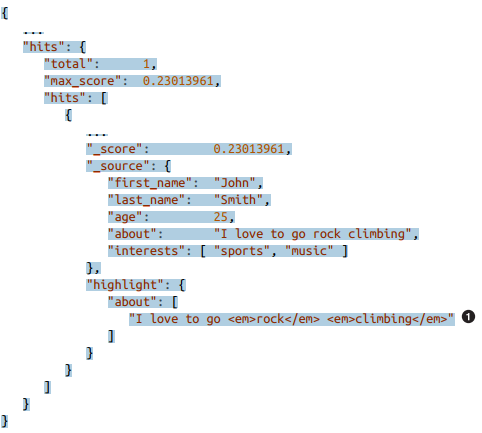
GET /megacorp/employee/\_search  
{  
"query" : {  
"match\_phrase" : {

"about" : "rock climbing"  
}  
}  
}

1. Highlighting Our Searches

GET /megacorp /\_search  
{  
"query" : {  
"match\_phrase" : {  
"about" : "rock climbing"  
}  
},  
"highlight": {  
"fields" : {  
"about" : {}  
}  
}  
}

Response

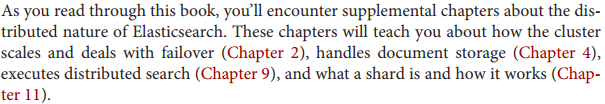


the popular interests of people called Smith:

GET /megacorp/employee/\_search  
{  
"query": {  
"match": {  
"last\_name": "smith"  
}  
},  
"aggs": {  
"all\_interests": {  
"terms": {  
"field": "interests"  
}  
}  
}  
}

find the average age of employees who share a particular interest

GET /megacorp/employee/\_search  
{  
"aggs" : {  
"all\_interests" : {  
"terms" : { "field" : "interests" },  
"aggs" : {  
"avg\_age" : {  
"avg" : { "field" : "age" }  
}  
}  
}  
}  
}



PUT /{index}/{type}/{id}  
{  
"field": "value",  
...  
}

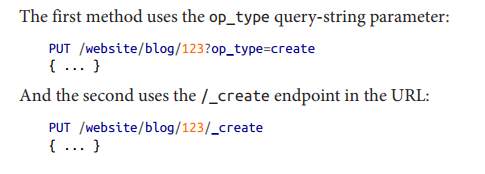
Find by id but only show title, text:

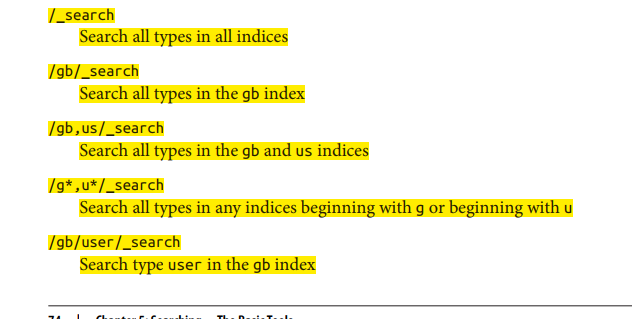
GET /website/blog/123?\_source=title,text

just the \_source field without any metadata

GET /website/blog/123/\_source

Create new document only if that document does not exist already.





<https://www.elastic.co/guide/en/elasticsearch/reference/current/indices-analyze.html>

Xem cấu trúc data type

GET /gb/\_mapping/tweet

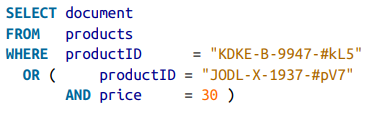
{  
"gb": {  
"mappings": {  
"tweet": {  
"properties": {  
"date": {  
"type": "date",  
"format": "dateOptionalTime"  
},  
"name": {  
"type": "string"  
},  
"tweet": {  
"type": "string"  
},  
"user\_id": {  
"type": "long"  
}  
}  
}  
}  
}  
}

SELECT tags  
FROM posts  
WHERE tags IS NOT NULL

GET /my\_index/posts/\_search  
{  
"query" : {  
"filtered" : {  
"filter" : {  
"exists" : { "field" : "tags" }  
}  
}  
}  
}

SELECT document  
FROM products  
WHERE price BETWEEN 20 AND 40

"range" : {  
"price" : {  
"gt" : 20,  
"lt" : 40  
}  
}



GET /my\_store/\_search

{

"query": {

"bool": {

"filter": {

"bool": {

"should": [

{

"term": {

"productID": "KDKE-B-9947-#kL5"

}

},

{

"bool": {

"must": [

{

"term": {

"productID": "JODL-X-1937-#pV7"

}

},

{

"term": {

"price": 30

}

}

]

}

}

]

}

}

}

}

}