

QUERYS ELASTICSEARCH

Devuelve todos los datos de los documentos del index

GET employees/_search?size=1000

```
{
  "query": {
    "match_all": {
    }
  }
}
```

GET employeesdata/_search?q="Janenna"

GET employeesdata/_search?q=firstname: Janenna OR lastname: Leonard

GET employeesdata/_search?q=firstname:(>=Meriel)

GET employeesdata/_search?q=id:(>=500 AND <=510)

GTE (GREATER THAN EQUALS) >=

GT (GREATER THAN) >

LTE (LESS THAN EQUALS) <=

LT (LESS THAN) <

GET employeesdata/_search

```
{
  "query": {
    "bool": {
      "must_not": [
        {
          "range": {
            "birthdate": {
              "gte": "1998-02-05",
              "lte": "2002-02-05"
            }
          }
        }
      ]
    }
  }
}
```

GET employeesdata/_search

```
{
  "query": {
    "multi_match": {
      "query": "Jean",
      "fields": ["firstname", "lastname"]
    }
  }
}
```

```
}
```

Must not - NADA DEBE CUMPLIRSE

Must - EQUIVALENTE AL AND

Should - EQUIVALENTE AL OR

GET employeesdata/_search

```
{
  "query":{
    "bool": {
      "should": [
        {
          "term": {
            "firstname": {
              "value": "Janenna"
            }
          }
        },
        {
          "term": {
            "lastname": {
              "value": "Leonard"
            }
          }
        }
      ]
    }
  }
}
```

GET employeesdata/_search

```
{
  "query":{
    "bool": {
      "must": [
        {
          "term": {
            "firstname": {
              "value": "Janenna"
            }
          }
        },
        {
          "term": {
            "lastname": {
              "value": "Leonard"
            }
          }
        }
      ]
    }
  }
}
```

```
}  
}  
}
```

GET employeesdata/_search

```
{  
  "query": {  
    "bool": {  
      "should": [  
        {  
          "bool": {  
            "must": [  
              {  
                "term": {  
                  "firstname": {  
                    "value": "Janenna"  
                  }  
                }  
              },  
              {  
                "term": {  
                  "lastname": {  
                    "value": "Leonard"  
                  }  
                }  
              }  
            ]  
          }  
        },  
        {  
          "term": {  
            "firstname": {  
              "value": "Jean"  
            }  
          }  
        }  
      ]  
    }  
  }  
}
```

#CRUD DE ELASTIC

POST -- INSERT, UPDATE Y DELETE DE DOCUMENTOS

POST employeesdata/_doc

```
{
  "profession": "doctor",
  "email2": "Jean.Rudolph@gmail.com",
  "firstname": "Jean",
  "birthdate": "1963-03-16",
  "id": 1071,
  "email": "Jean.Rudolph@yopmail.com",
  "lastname": "Rudolph",
  "telefono" : 4444000
}
```

POST employeesdata/_doc/AAAAAAAAAA

```
{
  "profession": "doctor",
  "email2": "Jean.Rudolph@gmail.com",
  "firstname": "Jean",
  "birthdate": "1963-03-16",
  "id": 1071,
  "email": "Jean.Rudolph@yopmail.com",
  "lastname": "Rudolph",
  "telefono" : 4444000
}
```

POST employeesdata/AAAAAAAAAA

```
{
  "query":{
    "bool": {
      "filter": [
        {
          "term": {
            "firstname": "Jean"
          }
        }
      ]
    }
  },
  "script": {
    "source": "ctx._source['firstname'] = 'Franco';ctx._source['lastname'] = 'Cardo'",
    "lang": "painless"
  }
}
```

POST employeesdata/_delete_by_query

```
{
  "query": {
    "bool": {
      "filter": [
        {
          "term": {
            "firstname": "Franco"
          }
        }
      ]
    }
  }
}
```

GET employeesdata/_search?q=Janenna

PUT -- UPDATE DE DOCUMENTOS

PUT employeesdata/_doc/AAAAAAAAAAAA

```
{
  "profession": "doctor",
  "email2": "Jean.Rudolph@gmail.com",
  "firstname": "Jean",
  "birthdate": "1963-03-16",
  "id": 1071,
  "email": "Jean.Rudolph@yopmail.com",
  "lastname": "Rudolph",
  "telefono": 4444000
}
```

DELETE -- DELETE DE DOCUMENTOS

DELETE employeesdata/_doc/AAAAAAAAAAAA

ESTA REQUEST ME PERMITE HACER CREATION, UPDATE OR DELETETION AL MISMO TIEMPO

POST /_bulk

```
{"create": { "_index": "employeesdata" }}
{"profession": "programador", "email2": "Janenna.Cullin@gmail.com", "firstname": "Janenna1", "birthdate": "1917-03-21", "@timestamp": "1917-03-21T00:00:00.000-04:16", "id": 936, "email": "Janenna.Cullin@yopmail.com", "lastname": "Cullin"}
{"create": { "_index": "employeesdata" }}
{"profession": "programador", "email2": "Janenna.Cullin@gmail.com", "firstname": "Janenna2", "birthdate": "1917-03-21", "@timestamp": "1917-03-21T00:00:00.000-04:16", "id": 936, "email": "Janenna.Cullin@yopmail.com", "lastname": "Cullin"}
{"create": { "_index": "employeesdata" }}
{"profession": "programador", "email2": "Janenna.Cullin@gmail.com", "firstname": "Janenna3", "birthdate": "1917-03-21", "@timestamp": "1917-03-21T00:00:00.000-04:16", "id": 936, "email": "Janenna.Cullin@yopmail.com", "lastname": "Cullin"}
{"create": { "_index": "employeesdata" }}
```

```
{"profession": "programador", "email2": "Janenna.Cullin@gmail.com", "firstname":  
"Janenna4", "birthdate": "1917-03-21", "@timestamp": "1917-03-21T00:00:00.000-04:16", "id":  
936, "email": "Janenna.Cullin@yopmail.com", "lastname": "Cullin"}
```