

# 学习 Elasticsearch 敲过的指令

作者: [mubai](#)

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来源网站: [链滴](#)

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—— from 《Elasticsearch: The Definitive Guide》

```
curl -XGET http://localhost:9200/_count?pretty -d '{
  "query":{
    "match_all":{}
  }
}'
```

```
curl -i -XGET http://localhost:9200/
```

```
curl -XPUT http://localhost:9200/megacorp/employee/1?pretty -d '{
  "first_name":"John",
  "last_name":"Smith",
  "age":25,
  "about":"I love to go rock climbing",
  "interests":["sports","music"]
}'
```

```
curl -XPUT http://localhost:9200/megacorp/employee/2?pretty -d '{
  "first_name":"Jane",
  "last_name":"Smith",
  "age":32,
  "about":"I like to collect rock albums",
  "interests":["music"]
}'
```

```
curl -XPUT http://localhost:9200/megacorp/employee/3?pretty -d '{
  "first_name":"Douglas",
  "last_name":"Fir",
  "age":35,
  "about":"I like to build cabinets",
  "interests":["forestry"]
}'
```

```
curl -XGET http://localhost:9200/megacorp/employee/1?pretty
```

```
curl -XGET http://localhost:9200/megacorp/employee/_search?pretty
```

```
curl -XGET http://localhost:9200/megacorp/employee/_search?q=last_name:Smith&pretty
```

```
curl -XGET http://localhost:9200/megacorp/employee/_search?pretty -d '{
  "query":{
    "match":{
      "last_name":"Smith"
    }
  }
}'
```

```
curl -XGET http://localhost:9200/megacorp/employee/_search?pretty -d '{
  "query":{
    "filtered":{
      "filter":{
        "range":{
          "age":{
            "gt":30
          }
        }
      },
      "query":{
        "match":{
          "last_name":"smith"
        }
      }
    }
  }
}'
```

```
curl -XGET http://localhost:9200/megacorp/employee/_search?pretty -d '{
  "query":{
    "match":{
      "about":"rock climbing"
    }
  }
}'
```

```
curl -XGET http://localhost:9200/megacorp/employee/_search?pretty -d '{
  "query":{
    "match_phrase":{
      "about":"rock climbing"
    }
  }
}'
```

```
curl -XGET http://localhost:9200/megacorp/employee/_search?pretty -d '{
  "query":{
    "match_phrase":{
      "about":"rock climbing"
    }
  },
  "highlight":{
    "fields":{
      "about":{}
    }
  }
}'
```

```
curl -XGET http://localhost:9200/megacorp/employee/_search?pretty -d '{
```

```

    "aggs":{
      "all_interests":{
        "terms":{
          "field":"interests"
        }
      }
    }
  }
}'

```

```

curl -XGET http://localhost:9200/megacorp/employee/_search?pretty -d '
{
  "query":{
    "match":{
      "last_name":"smith"
    }
  },
  "aggs":{
    "all_interests":{
      "terms":{
        "field":"interests"
      }
    }
  }
}'

```

```

curl -XGET http://localhost:9200/megacorp/employee/_search?pretty -d '
{
  "aggs":{
    "all_interests":{
      "terms":{
        "field":"interests"
      },
      "aggs":{
        "avg_age":{
          "avg":{
            "field":"age"
          }
        }
      }
    }
  }
}'

```

```

curl -XGET http://localhost:9200/_cluster/health?pretty

```

```

curl -XPUT http://localhost:9200/blogs?pretty -d '
{
  "number_of_shards":3,
  "number_of_replicas":1
}'

```

```

curl -XPUT http://localhost:9200/blogs/_settings?pretty -d '
{
  "number_of_replicas":2
}

```

```
}'  
  
curl -XPUT http://localhost:9200/website/blog/123?pretty -d '  
{  
  "title":"My first blog entry",  
  "text":"Just trying this out...",  
  "date":"2014/01/01"  
}'  
  
curl -XPOST http://localhost:9200/website/blog/?pretty -d '  
{  
  "title":"My second blog entry",  
  "text":"Still trying this out...",  
  "date":"2014/01/01"  
}'  
  
curl -XGET http://localhost:9200/website/blog/123?pretty  
curl -i -XGET http://localhost:9200/website/blog/124?pretty  
curl -XGET http://localhost:9200/website/blog/123?pretty&_source=title,text  
curl -XGET http://localhost:9200/website/blog/123/_source  
curl -i -XHEAD http://localhost:9200/website/blog/123  
curl -i -XHEAD http://localhost:9200/website/blog/124  
  
curl -XPUT http://localhost:9200/website/blog/123?pretty -d '  
{  
  "title":"My first blog entry",  
  "text":"I am starting to get the hang of this...",  
  "date":"2014/01/02"  
}'  
  
curl -XDELETE http://localhost:9200/website/blog/123?pretty  
  
curl -XPUT http://localhost:9200/website/blog/1/_create?pretty -d '  
{  
  "title":"My first blog entry",  
  "text":"Just trying this out..."  
}'  
  
curl -XGET http://localhost:9200/website/blog/1?pretty  
  
curl -XPUT http://localhost:9200/website/blog/1?version=1&pretty -d '  
{  
  "title":"My first blog entry",  
  "text":"starting to get the hang of this..."  
}'  
  
curl -XPUT http://localhost:9200/website/blog/2?version=5&version_type=external&  
pretty -d '  
{
```

```
  "title":"My first external blog entry",
  "text":"Starting to get the hang of this..."
}
```

```
curl -XPUT http://localhost:9200/website/blog/2?version=10&version_type=external&pretty -d '
```

```
{
  "title":"My first external blog entry",
  "text":"This is a piece of cake..."
}
```

```
curl -XPOST http://localhost:9200/website/blog/1/_update?pretty -d '
```

```
{
  "doc":{
    "tags":["testing"],
    "views":0
  }
}
```

```
curl -XPOST http://localhost:9200/website/blog/1/_update?pretty -d '
```

```
{
  "script":"ctx._source.views+=1"
}
```

```
curl -XPOST http://localhost:9200/website/blog/1/_update?pretty -d '
```

```
{
  "script":"ctx._source.tags+=new_tag",
  "params":{
    "new_tag":"search"
  }
}
```

```
curl -XPOST http://localhost:9200/website/blog/1/_update?pretty -d '
```

```
{
  "script":"ctx.op = ctx._source.views == count ? 'delete' : 'none'",
  "params":{
    "count":1
  }
}
```

```
curl -XPOST http://localhost:9200/website/pageviews/1/_update?pretty -d '
```

```
{
  "script":"ctx._source.views+=1",
  "upsert":{
    "views":1
  }
}
```

```
curl -XPOST http://localhost:9200/website/pageviews/1/_update?pretty&retry_on_conflict=5
d '
```

```
{
  "script":"ctx._source.views+=1",
  "upsert":{
    "views":0
  }
}
```

```
}  
'
```

```
curl -XGET http://localhost:9200/_mget?pretty -d '
```

```
{  
  "docs": [  
    {  
      "_index": "website",  
      "_type": "blog",  
      "_id": 2  
    },  
    {  
      "_index": "website",  
      "_type": "pageviews",  
      "_id": 1,  
      "_source": "views"  
    }  
  ]  
'
```

```
curl -XGET http://localhost:9200/website/blog/_mget?pretty -d '
```

```
{  
  "docs": [  
    {  
      "_id": 2  
    },  
    {  
      "_type": "pageviews",  
      "_id": 1  
    }  
  ]  
'
```

```
curl -XGET http://localhost:9200/website/blog/_mget?pretty -d '
```

```
{  
  "ids": ["2", "1"]  
'
```

```
curl -XPOST http://localhost:9200/_bulk?pretty -d '
```

```
{"delete":{"_index":"website","_type":"blog","_id":"123"}}  
{"create":{"_index":"website","_type":"blog","_id":"123"}}  
{"title":"My first blog post"}  
{"index":{"_index":"website","_type":"blog"}}  
{"title":"My second blog post"}  
{"update":{"_index":"website","_type":"blog","_id":"123","_retry_on_conflict":3}}  
{"doc":{"title":"My updated blog post"}}  
,
```

```
curl -XPOST http://localhost:9200/_bulk?pretty -d '
```

```
{"create":{"_index":"website","_type":"blog","_id":"123"}}  
{"title":"Cannot create - it already exists"}  
{"index":{"_index":"website","_type":"blog","_id":"123"}}  
{"title":"But we can update it"}  
,
```

```
curl -XPOST http://localhost:9200/website/_bulk?pretty -d '
{"index":{"_type":"log"}}
{"event":"User logged in"}
,
```

```
curl -XPOST http://localhost:9200/website/log/_bulk?pretty -d '
{"index":{}}
{"event":"User logged in"}
{"index":{"_type":"blog"}}
{"title":"Overriding the default type"}
,
```

```
curl -XGET http://localhost:9200/_search?pretty
```

```
curl -XGET http://localhost:9200/_search?pretty&size=10&from=10
```

```
curl -XGET http://localhost:9200/gb/_mapping/tweet
```

```
curl -XGET http://localhost:9200/ikyxxs/_mapping/faq?pretty
```

```
curl -XDELETE http://localhost:9200/gb
```

```
curl -XPUT http://localhost:9200/gb?pretty -d '
{
  "mappings":{
    "tweet":{
      "properties":{
        "tweet":{
          "type":"string",
          "analyzer":"english"
        },
        "date":{
          "type":"date"
        },
        "name":{
          "type":"string"
        },
        "user_id":{
          "type":"long"
        }
      }
    }
  }
}'
```

```
curl -XPUT http://localhost:9200/gb_mapping/tweet -d '
{
  "properties":{
    "tag":{
      "type":"string",
      "index":"not_analyzed"
    }
  }
}
```

```
}'  
  
curl -XGET http://localhost:9200/gb/_analyze?field=tweet&pretty -d '  
Black-cats'
```

```
curl -XGET http://localhost:9200/gb/_analyze?field=tag?pretty -d '  
Black-cats'
```

```
curl -XGET http://localhost:9200/_search?pretty -d '  
{  
  "query":{  
    "match_all":{}  
  }  
}'
```

```
curl -XGET http://localhost:9200/_search?pretty -d '  
{  
  "query":{  
    "match":{  
      "tweet":"elasticsearch"  
    }  
  }  
}'
```

```
curl -XGET http://localhost:9200/_search?pretty -d '  
{  
  "query":{  
    "filtered":{  
      "query":{  
        "match_all":{}  
      },  
      "filter":{  
        "term":{  
          "folder":"inbox"  
        }  
      }  
    }  
  }  
}'
```

```
curl -XGET http://localhost:9200/_search?pretty -d '  
{  
  "query":{  
    "filtered":{  
      "filter":{  
        "bool":{  
          "must":{  
            "term":{  
              "folder":"inbox"  
            }  
          },  
          "must_not":{  
            "query":{  
              "match":{
```

```

    "email":"urgent business proposal"
  }
}
}
}
}
}
}
}
}'

```

```

curl -XGET http://localhost:9200/gb/tweet/_validate/query?pretty -d '
{
  "query":{
    "tweet":{
      "match":"really powerful"
    }
  }
}'

```

```

curl -XGET http://localhost:9200/gb/tweet/_validate/query?explain&pretty -d '
{
  "query":{
    "tweet":{
      "match":"really powerful"
    }
  }
}'

```

```

curl -XGET http://localhost:9200/_validate/query?explain&pretty -d '
{
  "query":{
    "match":{
      "tweet":"really powerful"
    }
  }
}'

```

```

curl -XGET http://localhost:9200/_search?pretty -d '
{
  "query":{
    "filtered":{
      "filter":{
        "term":{
          "user_id":1
        }
      }
    }
  }
}'

```

```

curl -XGET http://localhost:9200/_search?pretty -d '
{
  "query":{
    "filtered":{

```

```

        "filter":{
            "term":{
                "user_id":1
            }
        }
    },
    "sort":{
        "date":{
            "order":"desc"
        }
    }
}
}'

```

curl -XGET http://localhost:9200/\_search?pretty -d '

```

{
  "query":{
    "filtered":{
      "query":{
        "match":{
          "tweet":"manage text search"
        }
      },
      "filter":{
        "term":{
          "user_id":2
        }
      }
    }
  },
  "sort":[
    {
      "date":{
        "order":"desc"
      }
    },
    {
      "_score":{
        "order":desc
      }
    }
  ]
}'

```

curl -XGET http://localhost:9200/\_search?pretty&sort=date:desc&sort=\_score&q=search

curl -XGET http://localhost:9200/\_search?pretty -d '

```

{
  "query":{
    "match":{
      "tweet":"elasticsearch"
    }
  },
  "sort":"tweet.raw"
}

```

```
}'
```

```
curl -XGET http://localhost:9200/_search?pretty&explain -d '
```

```
{
  "query":{
    "match":{
      "tweet":"honeymoon"
    }
  }
}
```

```
curl -XGET http://localhost:9200/us/tweet/12/_explain -d '
```

```
{
  "query":{
    "filtered":{
      "filter":{
        "term":{
          "user_id":2
        }
      },
      "query":{
        "match":{
          "tweet":"honeymoon"
        }
      }
    }
  }
}
```

```
curl -XGET http://localhost:9200/_search?pretty -d '
```

```
{
  "from":90,
  "size":10
}
```

```
curl -XGET http://localhost:9200/_search?pretty&routing=user_1,user2
```

```
curl -XGET http://localhost:9200/_search?pretty&search_type=count
```

```
curl -XGET http://localhost:9200/old_index/_search?search_type=scan&scroll=1m -d '
```

```
{
  "query":{
    "match_all":{}
  },
  "size":1000
}
```

```
curl -XDELETE http://localhost:9200/my_index
```

```
curl -XDELETE http://localhost:9200/index_one,index_two
```

```
curl -XDELETE http://localhost:9200/index_*
```

```
curl -XDELETE http://localhost:9200/_all
```

```
curl -XPUT http://localhost:9200/my_temp_index?pretty -d '{
  "settings":{
    "number_of_shards": 1,
    "number_of_replicas": 0
  }
}'
```

```
curl -XPUT http://localhost:9200/my_temp_index/_settings?pretty -d '{
  "number_of_replicas": 1
}'
```

```
curl -XPUT http://localhost:9200/spanish_docs?pretty -d '{
  "settings":{
    "analysis":{
      "analyzer":{
        "es_std":{
          "type":"standard",
          "stopwords":"_spanish_"
        }
      }
    }
  }
}'
```

```
curl -XGET http://localhost:9200/spanish_docs/_analyze?pretty&analyzer=es_std -d '
El veloz zorro marron'
```

```
curl -XPUT http://localhost:9200/my_index?pretty -d '{
  "settings":{
    "analysis":{
      "char_filter":{
        "&_to_and":{
          "type":"mapping",
          "mappings":["&=> and"]
        }
      },
      "filter":{
        "my_stopwords":{
          "type":"stop",
          "stopwords":["the","a"]
        }
      },
      "analyzer":{
        "my_analyzer":{
          "type":"custom",
          "char_filter":["html_strip", "&_to_end"],
          "tokenizer":"standard",
          "filter":["lowercase", "my_stopwords"]
        }
      }
    }
  }
}'
```

```
    }  
  }  
}
```

curl -XGET http://localhost:9200/my\_index/\_analyze?analyzer=my\_analyzer?pretty -d 'The quick & brown fox'

```
curl -XPUT http://localhost:9200/my_index/_mapping/my_type?pretty -d '  
{  
  "properties":{  
    "title":{  
      "type":"string",  
      "analyzer":"my_analyzer"  
    }  
  }  
}'
```

```
curl -XGET http://localhost:9200/_search?pretty -d '  
{  
  "query":{  
    "match":{  
      "title":"The quick brown fox"  
    }  
  }  
}'
```

```
curl -XGET http://localhost:9200/_search?pretty -d '  
{  
  "query":{  
    "multi_match":{  
      "query":"The quick brown fox",  
      "fields":["blog_en.title", "blog_es.title"]  
    }  
  }  
}'
```

```
curl -XPUT http://localhost:9200/my_index?pretty -d '  
{  
  "mappings":{  
    "my_type":{  
      "_source":{  
        "enable":false  
      }  
    }  
  }  
}'
```

```
curl -XGET http://localhost:9200/_search?pretty -d '  
{  
  "query":{  
    "match_all":{}
```

```
    },
    "_source":["title", "created"]
  }
}
```

```
curl -XGET http://localhost:9200/_search?pretty -d '
{
  "match":{
    "_all": "john smith marketing"
  }
}
```

```
curl -XPUT http://localhost:9200/my_index/_mapping/my_type?pretty -d '
{
  "my_type":{
    "_all": {
      "enabled":false
    }
  }
}
```

```
curl -XPUT http://localhost:9200/my_index/my_type/_mapping?pretty -d '
{
  "my_type":{
    "_all": {
      "analyzer":"whitespace"
    }
  }
}
```

```
curl -XPUT http://localhost:9200/my_index?pretty -d '
{
  "mapping":{
    "my_type":{
      "_id":{
        "path":"doc_id"
      },
      "properties":{
        "doc_id":{
          "type":"string",
          "index":"not_analyzed"
        }
      }
    }
  }
}
```

```
curl -XPOST http://localhost:9200/my_index/my_type?pretty -d '
{
  "doc_id":"123"
}
```