# Mappering

## 创建索引

PUT my\_index

{

"mappings": {

"\_doc": {

"properties": {

"title": { "type": "text" },

"name": { "type": "text" },

"age": { "type": "integer" },

"created": {

"type": "date",

"format": "strict\_date\_optional\_time||epoch\_millis"

}

}

}

}

}

## 添加字段

### 添加1个字段

PUT /my\_index/\_mapping/\_doc

{

"properties": {

"name1": {

"type": "text"

}

}

}

### 添加别名字段

PUT /my\_index/\_mapping/\_doc

{

"properties": {

"distance": {

"type": "long"

},

"route\_length\_miles": {

"type": "alias",

"path": "distance"

},

"transit\_mode": {

"type": "keyword"

}

}

}

### 数组

在Elasticsearch中，没有专用的array数据类型。默认情况下，任何字段都可以包含零个或多个值，但是，数组中的所有值都必须具有相同的数据类型。

# 搜索

## 最简单搜索

GET /my\_index/\_search

## Range搜索

GET /my\_index/\_search

{

"query": {

"range" : {

"route\_length\_miles" : {

"gte" : 18

}

}

}

}

## Array搜索

# 写数据

## 数组

POST /my\_index/\_doc

{

"age":21,

"name": "king2",

"title":"welcome to you",

"created":"2019-10-22",

"distance":25,

"hobby":["football","basketball","vollball"]

}