

chapter4

PUT create_default_mappings_index

http://localhost:9200/default_mappings_index/

HEADERS

Content-Type

application/json

BODY

```
{
  "mappings": {
    "dynamic_date_formats": [ "yyyy/MM/dd" ]
  }
}
```

Example Request

create_default_mappings_index

```
curl --location --request PUT "http://localhost:9200/default_mappings_index/" \
  --header "Content-Type: application/json" \
  --data "{
    \"mappings\": {
      \"dynamic_date_formats\": [\"yyyy/MM/dd\"]
    }
  }"
```

PUT index_default_mappings_index_doc_1

http://localhost:9200/default_mappings_index/_doc/1

HEADERS

Content-Type

application/json

BODY

```
{
  "simple_string_value": "a string",
  "string_w_date_value": "2019/02/07",
  "string_w_floating_point_value": "1.11",
  "string_w_integer_value" : "1",
  "integer_value": 1,
  "floating_pionnt_value": 1.1,
  "json_object" : {"level_1" : {"level2_1":"a string", "level_2_2":1, "level_2_3":1.11}},
  "array_of_integer": [1, 2],
  "array_of_float": [1.11, 2.22],
```

Example Request

index_default_mappings_index_doc_1

```
curl --location --request PUT "http://localhost:9200/default_mappings_index/_doc/1" \
--header "Content-Type: application/json" \
--data "{
  \"simple_string_value\": \"a string\",
  \"string_w_date_value\": \"2019/02/07\",
  \"string_w_floating_point_value\": \"1.11\",
  \"string_w_integer_value\" : \"1\",
  \"integer_value\": 1,
  \"floating_pionnt_value\": 1.1,
```

PUT create_custom_mappings_index

http://localhost:9200/custom_mappings_index

HEADERS

Content-Type

application/json

BODY

```
{
  "mappings": {
    "date_detection": false,
    "numeric_detection": true
  }
}
```

Example Request

create_custom_mappings_index

```
curl --location --request PUT "http://localhost:9200/custom_mappings_index" \
--header "Content-Type: application/json" \
--data "{
  \"mappings\": {
    \"date_detection\": false,
    \"numeric_detection\": true
  }
}"
```

PUT index_custom_mappings_index_doc_1

http://localhost:9200/custom_mappings_index/_doc/1

HEADERS

Content-Type

application/json

BODY

```
{
  "simple_string_value": "a string",
  "string_w_date_value": "2019/02/07",
  "string_w_floating_point_value": "1.11",
  "string_w_integer_value" : "1",
  "integer_value": 1,
  "floating_pionnt_value": 1.1,
  "json_object" : {"level_1" : {"level2_1":"a string", "level_2_2":1, "level_2_3":1.11}},
  "array_of_integer": [1, 2],
  "array_of_float": [1.11, 2.22],
}
```

Example Request

index_custom_mappings_index_doc_1

```
curl --location --request PUT "http://localhost:9200/custom_mappings_index/_doc/1" \
  --header "Content-Type: application/json" \
  --data "{
    \"simple_string_value\": \"a string\",
    \"string_w_date_value\": \"2019/02/07\",
    \"string_w_floating_point_value\": \"1.11\",
    \"string_w_integer_value\" : \"1\",
    \"integer_value\": 1,
    \"floating_pionnt_value\": 1.1,
  }
```

GET get_default_mappings_index_mappings

http://localhost:9200/default_mappings_index/_mappings

HEADERS

Content-Type

application/json

Example Request

get_default_mappings_index_mappings

GET get_custom_mappings_index_mappings

http://localhost:9200/custom_mappings_index/_mappings

HEADERS

Content-Type

application/json

Example Request

get_custom_mappings_index_mappings

DEL delete_default_mappings_index

http://localhost:9200/default_mappings_index/

HEADERS

Content-Type

application/json

BODY

```
{
  "mappings": {
    "dynamic_date_formats": [ "yyyy/MM/dd" ]
  }
}
```

Example Request

delete_default_mappings_index

```
curl --location --request DELETE "http://localhost:9200/default_mappings_index/" \
--header "Content-Type: application/json" \
--data "{
  \"mappings\": {
    \"dynamic_date_formats\": [\"yyyy/MM/dd\"]
  }
}"
```

PUT create_default_mappings_index_dynamic_template

http://localhost:9200/default_mappings_index/

HEADERS

Content-Type

application/json

BODY

```
{
  "mappings": {
    "dynamic_templates": [
      {
        "integers_template": {
          "match_mapping_type": "long",
          "mapping": {"type": "integer"}
        }
      },
      {
```

Example Request

create_default_mappings_index_dynamic_template

```
curl --location --request PUT "http://localhost:9200/default_mappings_index/" \
--header "Content-Type: application/json" \
--data "{
  \"mappings\": {
    \"dynamic_templates\": [
      {
        \"integers_template\": {
          \"match_mapping_type\": \"long\",
          \"mapping\": {\"type\": \"integer\"}
        }
      }
    ]
  }
}
```

PUT reindex_default_mappings_index_doc_1

http://localhost:9200/default_mappings_index/_doc/1

HEADERS

Content-Type

application/json

BODY

```
{
  "simple_string_value": "a string",
  "string_w_date_value": "2019/02/07",
  "string_w_floating_point_value": "1.11",
  "string_w_integer_value" : "1",
  "integer_value": 1,
  "floating_pionnt_value": 1.1,
  "json_object" : {"level_1" : {"level2_1":"a string", "level_2_2":1, "level_2_3":1.11}},
  "array_of_integer": [1, 2],
  "array_of_float": [1.11, 2.22],
```

Example Request

reindex_default_mappings_index_doc_1

```
curl --location --request PUT "http://localhost:9200/default_mappings_index/_doc/1" \
--header "Content-Type: application/json" \
--data "{
  \"simple_string_value\": \"a string\",
  \"string_w_date_value\": \"2019/02/07\",
  \"string_w_floating_point_value\": \"1.11\",
  \"string_w_integer_value\" : \"1\",
  \"integer_value\": 1,
  \"floating_pionnt_value\": 1.1,
```

GET get_default_mappings_index_mappings_dynamic_template

http://localhost:9200/default_mappings_index/_mappings

HEADERS

Content-Type

application/json

Example Request

get_default_mappings_index_mappings_dynamic_template

PUT create_index_cf_etf_toy

http://localhost:9200/cf_etf_toy

HEADERS

Content-Type

application/json

BODY


```
{
  "mappings": {
    "_meta": {
      "release" : "1.0",
      "version": "1"
    },
    "_routing": {
      "required": true
    },
    "_source": {
```

Example Request

create_index_cf_etf_toy

```
curl --location --request PUT "http://localhost:9200/cf_etf_toy" \
--header "Content-Type: application/json" \
--data "{
  \"mappings\": {
    \"_meta\": {
      \"release\" : \"1.0\",
      \"version\": \"1\"
    },
    \"_routing\": {
      \"required\": true
```

DEL delete_cf_etf_index

http://localhost:9200/cf_etf

HEADERS

Content-Type

application/json

BODY

```
{
  "mappings": {
    "dynamic_date_formats": [ "yyyy/MM/dd" ]
  }
}
```

Example Request

`delete_cf_etf_index`

```
curl --location --request DELETE "http://localhost:9200/cf_etf" \  
--header "Content-Type: application/json" \  
--data "{  
  \"mappings\": {  
    \"dynamic_date_formats\": [\"yyyy/MM/dd\"]  
  }  
}"
```

PUT create_cf_etf_index_with_static_mapping

`http://localhost:9200/cf_etf/`

HEADERS

Content-Type`application/json`

BODY

```
{  
  "mappings": {  
    "dynamic": false,  
    "properties": {  
      "symbol": {"type": "keyword"},  
      "fund_name": {"type": "text"},  
      "rating": {"type": "byte"},  
      "morningstar_category": {"type": "keyword"},  
      "category": {"type": "keyword"},  
      "family": {"type": "keyword"},  
    }  
  }  
}
```

Example Request

`create_cf_etf_index_with_static_mapping`

```
curl --location --request PUT "http://localhost:9200/cf_etf/" \  
--header "Content-Type: application/json" \  
--data "{  
  \"mappings\": {  
    \"dynamic\": false,  
    \"properties\": {  
      \"symbol\": {\"type\": \"keyword\"},  
      \"fund_name\": {\"type\": \"text\"},  
      \"rating\": {\"type\": \"byte\"},
```

GET get_cf_etf_index_with_static_mapping

http://localhost:9200/cf_etf/_mappings

HEADERS

Content-Type

application/json

Example Request

get_cf_etf_index_with_static_mapping

PUT update_static_mapping_to_search

http://localhost:9200/cf_etf/_mappings/_doc

HEADERS

Content-Type

application/json

BODY

```
{
  "dynamic": false,
  "properties": {
    "symbol": {"type": "keyword"},
    "fund_name": {"type": "text"},
    "rating": {"type": "byte"},
    "morningstar_category": {"type": "keyword"},
    "category": {"type": "keyword"},
    "family": {"type": "keyword"},
    "market_cap": {"type": "keyword"},
  }
}
```

Example Request

update_static_mapping_to_search

```
curl --location --request PUT "http://localhost:9200/cf_etf/_mappings/_doc" \
--header "Content-Type: application/json" \
--data "{
  \"dynamic\": false,
  \"properties\": {
    \"symbol\": {\"type\": \"keyword\"},
    \"fund_name\": {\"type\": \"text\"},
    \"rating\": {\"type\": \"byte\"},
    \"morningstar_category\": {\"type\": \"keyword\"},
    \"category\": {\"type\": \"keyword\"},
  }
}
```

POST search_NYSE_Arca_after_static_mapping_updated

http://localhost:9200/cf_etf/_search?q=exchange:"NYSE Arca"

HEADERS

Content-Type

application/json

PARAMS

q

exchange:"NYSE Arca"

Example Request

```
search_NYSE_Arca_after_static_mapping_updated
```

GET typeless_get_request_w_include_type_name=false

```
http://localhost:9200/cf_etf/_mappings?include_type_name=false
```

HEADERS

Content-Type

```
application/json
```

PARAMS

include_type_name

```
false
```

Example Request

```
typeless_get_request_w_include_type_name=false
```