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# Chapter6

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## POST count\_etf\_list\_bulk\_indexed\_doc

http://localhost:9200/cf\_etf/\_count

### HEADERS

**Content-Type**  
application/json

### Example Request

count\_etf\_list\_bulk\_indexed\_doc

## POST search\_within\_cf\_etf

http://localhost:9200/cf\_etf/\_search

### HEADERS

**Content-Type**  
application/json

### Example Request

search\_within\_cf\_etf

## POST search\_within\_cf\_etf\_cf\_view

http://localhost:9200/cf\_etf,cf\_view/\_search

### HEADERS

**Content-Type**  
application/json

### Example Request

search\_within\_cf\_etf\_cf\_view

## POST search\_within\_all\_indices

http://localhost:9200/\_search

### HEADERS

**Content-Type**  
application/json

### Example Request

search\_within\_all\_indices

## POST search\_cf\_etf\_from\_size\_sort\_source\_false

http://localhost:9200/cf\_etf/\_search?from=2&size=2&sort=symbol:asc&\_source=false

### HEADERS

**Content-Type**  
application/json

r PARAMS

**from**

2

**size**

2

**sort**

symbol:asc

**\_source**

false

Example Request

search\_cf\_etf\_from\_size\_sort\_source\_false

## POST search\_cf\_etf\_sort\_score

http://localhost:9200/cf\_etf/\_search?q=fund\_name:ishares edge global&from=2&size=2&sort=\_score:asc

HEADERS

**Content-Type**

application/json

PARAMS

**q**

fund\_name:ishares edge global

**from**

2

**size**

2

**sort**

\_score:asc

Example Request

```
search_cf_etf_sort_score
```

## POST search\_query\_default\_operator

```
http://localhost:9200/cf_etf/_search?q=fund_name:ishares edge global&default_operator=AND
```

### HEADERS

#### Content-Type

```
application/json
```

### PARAMS

#### q

```
fund_name:ishares edge global
```

#### default\_operator

```
AND
```

Example Request

```
search_query_default_operator
```

## POST search\_query\_default\_operator\_explain

```
http://localhost:9200/cf_etf/_search?q=fund_name:ishares edge global&default_operator=AND&explain=true
```

### HEADERS

#### Content-Type

```
application/json
```

### PARAMS

```
,  
r  q  
1  fund_name:ishares edge global
```

**default\_operator**

AND

**explain**

```
s  true
```

## Example Request

```
search_query_default_operator_explain
```

**POST** search\_query\_keyword\_analyzer

```
http://localhost:9200/cf_etf/_search?q=fund_name:ishares edge global&default_operator=AND&analyzer=keyword
```

## HEADERS

**Content-Type**

application/json

**PARAMS**

```
1  q  
   fund_name:ishares edge global
```

**default\_operator**

AND

**analyzer**

keyword

```
3  
:
```

## Example Request

```
0  search_query_keyword_analyzer
```

```
curl --location --request POST "http://localhost:9200/cf_etf/_search?q=fund_name:ishares%20edge%20global" \
--header "Content-Type: application/json" \
--data ""
```

## POST request\_body\_search\_fund\_name\_w\_3\_words

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "query_string": {
      "query": "fund_name:ishares edge global",
      "default_operator": "AND"
    }
  }
}
```

### Example Request

request\_body\_search\_fund\_name\_w\_3\_words

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"query_string\": {
      \"query\": \"fund_name:ishares edge global\",
      \"default_operator\": \"AND\"
    }
  }
}
```

POST request\_body\_search\_from\_size\_sort\_source\_false

http://localhost:9200/cf\_etf/\_search

#### HEADERS

**Content-Type**  
application/json

#### BODY

```
{
  "from":2,
  "size":2,
  "sort":{"symbol":"asc"},
  "_source":false
}
```

#### Example Request

request\_body\_search\_from\_size\_sort\_source\_false

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"from\":2,
  \"size\":2,
  \"sort\":{\"symbol\":\"asc\"},
  \"_source\":false
}"
```

POST request\_body\_search\_sort\_rating\_symbol

http://localhost:9200/cf\_etf/\_search

#### HEADERS

**Content-Type**  
application/json

BODY

```
{
  "query": {
    "query_string": {
      "query": "fund_name:ishares edge msci",
      "default_operator": "AND"
    }
  },
  "sort": {"rating": "desc", "symbol": "asc"}
}
```

## Example Request

request\_body\_search\_sort\_rating\_symbol

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"query_string\": {
      \"query\": \"fund_name:ishares edge msci\",
      \"default_operator\": \"AND\"
    }
  },
}
```

## POST search\_query\_scroll\_1

[http://localhost:9200/cf\\_etf/\\_search?scroll=10m](http://localhost:9200/cf_etf/_search?scroll=10m)

## HEADERS

## Content-Type

application/json

## PARAMS

## scroll

10m



```
{
  "size": 313
}
```

### Example Request

```
curl --location --request POST "http://localhost:9200/cf_etf/_search?scroll=10m" \
--header "Content-Type: application/json" \
--data "{
  \"size\": 313
}"
```

http://localhost:9200/\_search/scroll

## Content-Type

```
{
  "scroll": "10m",
  "scroll_id": "DXF1ZXJ5QW5kRmV0Y2gBAAAAAAAAANQWNWdUemoybmFSOUNvM3gwQkrZT0xBQQ=="
}
```

search\_query\_scroll\_2

```
curl --location --request POST "http://localhost:9200/_search/scroll" \  
  --header "Content-Type: application/json" \  
  --data "{  
    \"scroll\": \"10m\",  
    \"scroll_id\": \"DXF1ZXJ5QW5kRmV0Y2gBAAAAAAAAANQWNWdUemoybmFSOUNvM3gwQkRZT0xBQQ==\"  
  }"
```

## POST search\_query\_scroll\_3

http://localhost:9200/\_search/scroll

### HEADERS

#### Content-Type

application/json

### BODY

```
{  
  "scroll": "10m",  
  "scroll_id": "DXF1ZXJ5QW5kRmV0Y2gBAAAAAAAAANQWNWdUemoybmFSOUNvM3gwQkRZT0xBQQ=="  
}
```

### Example Request

search\_query\_scroll\_3

```
curl --location --request POST "http://localhost:9200/_search/scroll" \  
  --header "Content-Type: application/json" \  
  --data "{  
    \"scroll\": \"10m\",  
    \"scroll_id\": \"DXF1ZXJ5QW5kRmV0Y2gBAAAAAAAAANQWNWdUemoybmFSOUNvM3gwQkRZT0xBQQ==\"  
  }"
```

## DEL delete\_scroll context

http://localhost:9200/\_search/scroll

,  
r HEADERS  
}

**Content-Type**

application/json

## BODY

S

```
{  
  "scroll_id": [ "DXF1ZXJ5QW5kRmV0Y2gBAAAAAAAAANQWNWdUemoybmFSOUNvM3gwQkRZT0xBQQ==" ]  
}
```

## Example Request

-

delete\_scroll context

t

```
curl --location --request DELETE "http://localhost:9200/_search/scroll" \  
  --header "Content-Type: application/json" \  
  --data "{  
    \"scroll_id\": [\"DXF1ZXJ5QW5kRmV0Y2gBAAAAAAAAANQWNWdUemoybmFSOUNvM3gwQkRZT0xBQQ==\"]  
  }"
```

**POST request\_body\_search\_after**

a

http://localhost:9200/cf\_etf/\_search

l

## HEADERS

:

**Content-Type**

e

application/json

i

## BODY

:

:

```
{  
  "size":2,  
  "sort": {  
    "rating":"desc",  
    "symbol":"asc"  
  },  
  "search_after": [5, "EES"]  
}
```

0

,

## Example Request

request\_body\_search\_after

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \  
--header "Content-Type: application/json" \  
--data "{  
  \"size\":2,  
  \"sort\": {  
    \"rating\": \"desc\",  
    \"symbol\": \"asc\"  
  },  
  \"search_after\": [5, \"EES\"]  
}"
```

## POST request\_body\_search\_rescore\_original

http://localhost:9200/cf\_etf/\_search

## HEADERS

**Content-Type**

application/json

## BODY

```
{  
  "query": {  
    "query_string": {  
      "query": "description:emerging non-diversified high-yield gobal dividend",  
      "analyzer": "description_analyzer"  
    }  
  }  
}
```

## Example Request

request\_body\_search\_rescore\_original

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"query_string\": {
      \"query\": \"description:emerging non-diversified high-yield gobal dividend\",
      \"analyzer\": \"description_analyzer\"
    }
  }
}"
```

## POST request\_body\_search\_rescore

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "query_string": {
      "query": "description:emerging non-diversified high-yield gobal dividend",
      "analyzer": "description_analyzer"
    }
  },
  "rescore": {
    "window_size": 500,
    "query": {
```

### Example Request

request\_body\_search\_rescore

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"query_string\": {
      \"query\": \"description:emerging non-diversified high-yield gobal dividend\",
      \"analyzer\": \"description_analyzer\"
    }
  },
  \"rescore\": {
```

## POST request\_body\_search\_rescore\_mode

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "query_string": {
      "query": "description:emerging non-diversified high-yield gobal",
      "analyzer": "description_analyzer"
    }
  },
  "rescore": {
    "window_size": 100,
    "query": {
```

### Example Request

request\_body\_search\_rescore\_mode

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \  
--header "Content-Type: application/json" \  
--data "{  
  \"query\": {  
    \"query_string\": {  
      \"query\": \"description:emerging non-diversified high-yield gobal\",  
      \"analyzer\": \"description_analyzer\"  
    }  
  },  
  \"rescore\": {
```

## POST request\_body\_search\_script\_evaluate\_doc

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{  
  \"query\": {  
    \"query_string\": {  
      \"query\": \"description:emerging non-diversified high-yield gobal\",  
      \"analyzer\": \"description_analyzer\"  
    }  
  },  
  \"script_fields\": {  
    \"test\": {  
      \"script\": \"doc['symbol']\"  
    }  
  }  
}
```

### Example Request

request\_body\_search\_script\_evaluate\_doc

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \  
--header "Content-Type: application/json" \  
--data "{  
  \"query\": {  
    \"query_string\": {  
      \"query\": \"description:emerging non-diversified high-yield gobal\",  
      \"analyzer\": \"description_analyzer\"  
    }  
  },  
  \"script_fields\": {
```

## POST request\_body\_search\_script\_evaluation\_source

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{  
  \"query\": {  
    \"query_string\": {  
      \"query\": \"description:emerging non-diversified high-yield gobal\",  
      \"analyzer\": \"description_analyzer\"  
    }  
  },  
  \"script_fields\": {  
    \"test\": {  
      \"script\": \"doc['symbol']\"  
    }  
  }  
}
```

### Example Request

request\_body\_search\_script\_evaluation\_source



```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"query_string\": {
      \"query\": \"description:emerging non-diversified high-yield gobal\",
      \"analyzer\": \"description_analyzer\"
    }
  },
  \"script_fields\": {
```

## POST request\_body\_search\_named\_queries

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "bool": {
      "should": [
        { "query_string": {
            "_name": "Asia",
            "query": "description:asia",
            "analyzer": "description_analyzer"
          } },
        { "query_string": {
```

### Example Request

request\_body\_search\_named\_queries

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"bool\": {
      \"should\": [
        {\"query_string\": {
          \"_name\": \"Asia\",
          \"query\": \"description:asia\",
          \"analyzer\": \"description_analyzer\"
```

## POST multi\_search\_api

http://localhost:9200/cf\_etf/\_msearch

### HEADERS

#### Content-Type

application/json

### BODY

```
{\"index\": \"cf_etf\"}
{\"query\": {\"bool\": {\"must_not\": {\"exists\": {\"field\": \"rating\"}}}}}
{\"index\": \"cf_view\"}
{\"query\": {\"bool\": {\"must_not\": {\"exists\": {\"field\": \"rating\"}}}}}
```

### Example Request

multi\_search\_api

```
curl --location --request POST "http://localhost:9200/cf_etf/_msearch" \
--header "Content-Type: application/json" \
--data "{\"index\": \"cf_etf\"}
{\\\"query\\\": {\\\"bool\\\": {\\\"must_not\\\": {\\\"exists\\\": {\\\"field\\\": \\\"rating\\\"}}}}}
{\\\"index\\\": \"cf_view\"}
{\\\"query\\\": {\\\"bool\\\": {\\\"must_not\\\": {\\\"exists\\\": {\\\"field\\\": \\\"rating\\\"}}}}}
```

## POST highlighting

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "bool": {
      "should": [
        { "query_string": {
            "query": "description:asia",
            "analyzer": "description_analyzer"
          } },
        { "query_string": {
            "query": "description:usa",
```

### Example Request

highlighting

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
  --header "Content-Type: application/json" \
  --data "{
    \"query\": {
      \"bool\": {
        \"should\": [
          { \"query_string\": {
              \"query\": \"description:asia\",
              \"analyzer\": \"description_analyzer\"
            } },
          { \"query_string\": {
              \"query\": \"description:usa\",
```

## POST highlighting\_number\_of\_fragments\_0

http://localhost:9200/cf\_etf/\_search

,  
r  
} HEADERS

**Content-Type**

application/json

## BODY

S  
{  
 "query": {  
 "bool": {  
 "must": [  
 {"match": {"description": "index"}}  
 ]  
 }  
 },  
 "highlight": {  
 "fields": {  
t

## Example Request

highlighting\_number\_of\_fragments\_0

a  
i  
:  
e  
curl --location --request POST "http://localhost:9200/cf\_etf/\_search" \  
 --header "Content-Type: application/json" \  
 --data "{  
 \"query\": {  
 \"bool\": {  
 \"must\": [  
 {\"match\": {\"description\": \"index\"}}  
 ]  
 }  
 },  
 \"highlight\": {  
 \"fields\": {

**POST** highlighting\_fragment\_size\_20

3  
:  
http://localhost:9200/cf\_etf/\_search

## HEADERS

**Content-Type**

application/json

},  
r  
BODY

```
{
  "query": {
    "bool": {
      "must": [
        { "match": { "description": "index" } }
      ]
    }
  },
  "highlight": {
    "fields": {
```

#### Example Request

```
highlighting_fragment_size_20

curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"bool\": {
      \"must\": [
        { \"match\": { \"description\": \"index\" } }
      ]
    }
  },
```

## POST highlighting\_no\_match\_size\_20

http://localhost:9200/cf\_etf/\_search

#### HEADERS

**Content-Type**  
application/json

#### BODY

```
,
r
{
  "query": {
    "bool": {
      "should": [
        {"match": {"description": "asia"}},
        {"match": {"fund_name": "global"}}
      ]
    }
  },
  "highlight": {
```

#### Example Request

highlighting\_no\_match\_size\_20

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"bool\": {
      \"should\": [
        {\"match\": {\"description\": \"asia\"}},
        {\"match\": {\"fund_name\": \"global\"}}
      ]
    }
  }
}
```

#### POST highlighting\_highlight\_fields\_unordered

http://localhost:9200/cf\_etf/\_search

##### HEADERS

##### Content-Type

application/json

##### BODY

```
,
r
{
  "query": {
    "multi_match": {
      "query": "asia",
      "fields": ["fund_name", "description"]
    }
  },
  "highlight": {
    "fields": {
      "fund_name": {},

```

#### Example Request

highlighting\_highlight\_fields\_unordered

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"multi_match\": {
      \"query\": \"asia\",
      \"fields\": [\"fund_name\", \"description\"]
    }
  },
  \"highlight\": {

```

#### POST highlighting\_highlight\_field\_order\_score

http://localhost:9200/cf\_etf/\_search

#### HEADERS

##### Content-Type

application/json

#### BODY

```

{
  "query": {
    "match": {"description": "index"}
  },
  "highlight": {
    "number_of_fragments" : 3,
    "fragment_size": 20,
    "order": "score",
    "fields": {
      "description": {}
    }
  }
}

```

#### Example Request

highlighting\_highlight\_field\_order\_score

```

curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"match\": {\"description\": \"index\"}
  },
  \"highlight\": {
    \"number_of_fragments\" : 3,
    \"fragment_size\": 20,
    \"order\": \"score\",

```

#### POST highlighting\_multi\_match

http://localhost:9200/cf\_etf/\_search

#### HEADERS

##### Content-Type

application/json

#### BODY



```

{
  "query": {
    "multi_match": {
      "query": "asia",
      "fields": ["fund_name", "description"]
    }
  },
  "highlight": {
    "fields": [
      {"fund_name": {}}
    ]
  }
}

```

#### Example Request

highlighting\_multi\_match

```

curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"multi_match\": {
      \"query\": \"asia\",
      \"fields\": [\"fund_name\", \"description\"]
    }
  },
  \"highlight\": {

```

#### POST highlighting\_fragmenter\_plain\_span

http://localhost:9200/cf\_etf/\_search

#### HEADERS

##### Content-Type

application/json

#### BODY

```
{
  "query": {
    "match_phrase": {
      "description": "NASDAQ US Benchmark"
    }
  },
  "highlight": {
    "type": "plain",
    "fragmenter": "span",
    "fields": {
```

#### Example Request

highlighting\_fragmenter\_plain\_span

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"match_phrase\": {
      \"description\": \"NASDAQ US Benchmark\"
    }
  },
  \"highlight\": {
    \"type\": \"plain\",
```

## POST highlighting\_require\_field\_match\_false

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
,
r
{
  "query": {
    "bool": {
      "should": [
        {"match": {"description": "asia"}},
        {"match": {"fund_name": "global"}}
      ]
    }
  },
  "highlight": {
```

#### Example Request

highlighting\_require\_field\_match\_false

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"bool\": {
      \"should\": [
        {\"match\": {\"description\": \"asia\"}},
        {\"match\": {\"fund_name\": \"global\"}}
      ]
    }
  }
}
```

## POST highlighting\_tags\_schema

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```

{
  "query": {
    "bool": {
      "should": [
        { "query_string": {
          "query": "description:asia",
          "analyzer": "description_analyzer"
        } },
        { "query_string": {
          "query": "description:usa",

```

#### Example Request

highlighting\_tags\_schema

```

curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"bool\": {
      \"should\": [
        { \"query_string\": {
          \"query\": \"description:asia\",
          \"analyzer\": \"description_analyzer\"
        } },
      ]
    }
  }
}
```

## POST highlighting\_boundary\_scanner

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```

{
  "query": {
    "multi_match": {
      "query": "pacific",
      "fields": ["description", "fund_name"]
    }
  },
  "highlight": {
    "boundary_scanner_locale": "en-US",
    "fields": {

```

### Example Request

highlighting\_boundary\_scanner

```

curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"multi_match\": {
      \"query\": \"pacific\",
      \"fields\": [\"description\", \"fund_name\"]
    }
  },
  \"highlight\": {

```

## POST match\_query\_or

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```

{
  "query": {
    "match": {
      "fund_name": {
        "query": "ishares global"
      }
    }
  }
}

```

### Example Request

match\_query\_or

```

curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"match\": {
      \"fund_name\": {
        \"query\": \"ishares global\"
      }
    }
  }
}"

```

## POST match\_query\_and

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

,  
r  
1

```
{
  "query": {
    "match": {
      "fund_name": {
        "query": "ishares global",
        "operator": "and"
      }
    }
  }
}
```

s

#### Example Request

match\_query\_and

-

t

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"match\": {
      \"fund_name\": {
        \"query\": \"ishares global\",
        \"operator\": \"and\"
      }
    }
  }
}
```

#### POST match\_query\_fuzziness\_2

1

http://localhost:9200/cf\_etf/\_search

:

#### HEADERS

e

##### Content-Type

i

application/json

:

:

#### BODY

0

,  
r  
1

```
{
  "query": {
    "match": {
      "fund_name": {
        "query": "ishares global",
        "operator": "and",
        "fuzziness": 2
      }
    }
  }
}
```

s

### Example Request

match\_query\_fuzziness\_2

-

t

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"match\": {
      \"fund_name\": {
        \"query\": \"ishares global\",
        \"operator\": \"and\",
        \"fuzziness\": 2
      }
    }
  }
}
```

a

### GET match\_query\_zero\_terms\_query\_all

1

http://localhost:9200/cf\_etf/\_search

:

### HEADERS

e

#### Content-Type

i

application/json

:

:

### BODY

0



```
,
r
{
  "query": {
    "match": {
      "fund_name": {
        "query": "to be",
        "zero_terms_query": "all"
      }
    }
  }
}
```

#### Example Request

match\_query\_zero\_terms\_query\_all

```
curl --location --request GET "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"match\": {
      \"fund_name\": {
        \"query\": \"to be\",
        \"zero_terms_query\": \"all\"
      }
    }
  }
}
```

## POST match\_query\_cutoff\_frequency\_10

http://localhost:9200/cf\_etf/\_search

#### HEADERS

##### Content-Type

application/json

#### BODY

```

{
  "query": {
    "match": {
      "fund_name": {
        "query": "usa global emerging",
        "cutoff_frequency": 10
      }
    }
  }
}

```

#### Example Request

match\_query\_cutoff\_frequency\_10

```

curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"match\": {
      \"fund_name\": {
        \"query\": \"usa global emerging\",
        \"cutoff_frequency\": 10
      }
    }
  }
}"

```

#### POST match\_phrase\_query

http://localhost:9200/cf\_etf/\_search

#### HEADERS

##### Content-Type

application/json

#### BODY

```
{
  "query": {
    "match_phrase": {
      "fund_name": {
        "query": "ishares msci"
      }
    }
  }
}
```

#### Example Request

match\_phrase\_query

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"match_phrase\": {
      \"fund_name\": {
        \"query\": \"ishares msci\"
      }
    }
  }
}
```

## POST match\_phrase\_query\_prefix

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "match_phrase_prefix": {
      "description": {
        "query": "The investment seeks to track"
      }
    }
  }
}
```

#### Example Request

match\_phrase\_query\_prefix

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"match_phrase_prefix\": {
      \"description\": {
        \"query\": \"The investment seeks to track\"
      }
    }
  }
}
```

## POST query\_string\_colon\_character

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

,  
r  
1

```
{
  "query": {
    "query_string": {
      "query": "fund_name:ishares"
    }
  }
}
```

S

### Example Request

query\_string\_colon\_character

\_  
-  
t

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"query_string\": {
      \"query\": \"fund_name:ishares\"
    }
  }
}"
```

## POST query\_string\_grouping

a  
l

http://localhost:9200/cf\_etf/\_search

### HEADERS

,  
e

**Content-Type**  
application/json

i

### BODY

,  
:

0

```
{
  "query": {
    "query_string": {
      "query": "fund_name:(usa || asia)"
    }
  }
}
```

## Example Request

query\_string\_grouping

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"query_string\": {
      \"query\": \"fund_name:(usa || asia)\"
    }
  }
}"
```

## POST query\_string\_boolean\_characters

http://localhost:9200/cf\_etf/\_search

## HEADERS

**Content-Type**

application/json

## BODY

```
{
  "query": {
    "query_string": {
      "query": "fund_name:((usa || asia) && emerging && ! global)"
    }
  }
}
```

## Example Request

query\_string\_boolean\_characters

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"query_string\": {
      \"query\": \"fund_name:((usa || asia) && emerging && ! global)\"
    }
  }
}"
```

## POST query\_string\_boolean\_op

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "query_string": {
      "query": "rating:>=4"
    }
  }
}
```

### Example Request

query\_string\_boolean\_op

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"query_string\": {
      \"query\": \"rating:>=4\"
    }
  }
}"
```

## POST query\_string\_wildcard

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "query_string": {
      "query": "symbol:ACW*"
    }
  }
}
```

### Example Request

query\_string\_wildcard



```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"query_string\": {
      \"query\": \"symbol:ACW*\"
    }
  }
}"
```

## POST query\_string\_exact\_phrase

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "query_string": {
      "query": "fund_name:\"iShares MSCI ACWI ETF\""
    }
  }
}
```

### Example Request

query\_string\_exact\_phrase

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"query_string\": {
      \"query\": \"fund_name:\\\\\"iShares MSCI ACWI ETF\\\\\"\"
    }
  }
}"
```

## POST query\_string\_fuzziness

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "query_string": {
      "query": "fund_name:(ishares~ && global~)"
    }
  }
}
```

### Example Request

query\_string\_fuzziness

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"query_string\": {
      \"query\": \"fund_name:(ishares~ && global~)\"
    }
  }
}"
```

## POST query\_string\_regex

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "query_string": {
      "query": "symbol://ACW?//"
    }
  }
}
```

### Example Request

query\_string\_regex

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"query_string\": {
      \"query\": \"symbol://ACW?//\\\"
    }
  }
}"
```

## POST query\_string\_boosting

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "query_string": {
      "query": "fund_name:(ishares global^2)"
    }
  }
}
```

### Example Request

query\_string\_boosting

```
,  
r  
1 curl --location --request POST "http://localhost:9200/cf_etf/_search" \  
  --header "Content-Type: application/json" \  
  --data "{  
    \"query\": {  
      \"query_string\": {  
        \"query\": \"fund_name:(ishares global^2)\"  
      }  
    }  
  }"  
s
```

## POST query\_string\_range\_query

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
a  
1 {  
  \"sort\":{\"rating\":\"desc\"},  
  \"query\": {  
    \"query_string\": {  
      \"query\": \"rating:[1 TO 3]\"  
    }  
  }  
}  
:  
e  
i
```

### Example Request

query\_string\_range\_query

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"sort\":{\"rating\": \"desc\"},
  \"query\": {
    \"query_string\": {
      \"query\": \"rating:[1 TO 3]\"
    }
  }
}"
```

## POST query\_string\_multiple\_fields

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "sort":{"rating":"desc"},
  "query": {
    "query_string": {
      "fields": ["fund_name", "description"],
      "query": "emerging"
    }
  }
}
```

### Example Request

query\_string\_multiple\_fields

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"sort\":{\"rating\": \"desc\"},
  \"query\": {
    \"query_string\": {
      \"fields\": [\"fund_name\", \"description\"],
      \"query\": \"emerging\"
    }
  }
}
```

## POST simple\_query\_string\_boolean\_AND

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "sort": {"rating": "desc"},
  "query": {
    "simple_query_string": {
      "fields": ["fund_name"],
      "query": "ishares + global"
    }
  }
}
```

### Example Request

simple\_query\_string\_boolean\_AND

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"sort\":{\"rating\": \"desc\"},
  \"query\": {
    \"simple_query_string\": {
      \"fields\": [\"fund_name\"],
      \"query\": \"ishares + global\"
    }
  }
}
```

## POST simple\_query\_string\_boolean\_OR

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "sort": {"rating": "desc"},
  "query": {
    "simple_query_string": {
      "fields": ["fund_name"],
      "query": "ishares | global"
    }
  }
}
```

### Example Request

simple\_query\_string\_boolean\_OR



```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"sort\":{\"rating\": \"desc\"},
  \"query\": {
    \"simple_query_string\": {
      \"fields\": [\"fund_name\"],
      \"query\": \"-ishares | global\"
    }
  }
}
```

## POST simple\_query\_string\_must\_not\_match

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "sort": {"rating": "desc"},
  "query": {
    "simple_query_string": {
      "fields": ["fund_name"],
      "query": "-ishares + -global"
    }
  }
}
```

### Example Request

simple\_query\_string\_must\_not\_match

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"sort\":{\"rating\": \"desc\"},
  \"query\": {
    \"simple_query_string\": {
      \"fields\": [\"fund_name\"],
      \"query\": \"-ishares + -global\"
    }
  }
}
```

## POST simple\_query\_string\_match\_phrase

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "sort": {"rating": "desc"},
  "query": {
    "simple_query_string": {
      "fields": ["fund_name"],
      "query": "\"iShares MSCI ACWI ETF\""
    }
  }
}
```

### Example Request

simple\_query\_string\_match\_phrase

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"sort\":{\"rating\": \"desc\"},
  \"query\": {
    \"simple_query_string\": {
      \"fields\": [\"fund_name\"],
      \"query\": \"\\\"\\\"\\\"iShares MSCI ACWI ETF\\\"\\\"\\\"\"
    }
  }
}
```

## POST simple\_query\_string\_fuzziness

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "sort": {"rating": "desc"},
  "query": {
    "simple_query_string": {
      "fields": ["fund_name"],
      "query": "global~"
    }
  }
}
```

### Example Request

simple\_query\_string\_fuzziness

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"sort\":{\"rating\": \"desc\"},
  \"query\": {
    \"simple_query_string\": {
      \"fields\": [\"fund_name\"],
      \"query\": \"global~\"
    }
  }
}
```

## POST simple\_query\_string\_prefix

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "sort": {"rating": "desc"},
  "query": {
    "simple_query_string": {
      "fields": ["fund_name"],
      "query": "ishares~"
    }
  }
}
```

### Example Request

simple\_query\_string\_prefix

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"sort\":{\"rating\": \"desc\"},
  \"query\": {
    \"simple_query_string\": {
      \"fields\": [\"fund_name\"],
      \"query\": \"ishares~\"
    }
  }
}
```

## POST simple\_query\_string\_precedence

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "sort": {"rating": "desc"},
  "query": {
    "simple_query_string": {
      "fields": ["fund_name"],
      "query": "(usa | asia) + emerging"
    }
  }
}
```

### Example Request

simple\_query\_string\_precedence

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"sort\":{\"rating\": \"desc\"},
  \"query\": {
    \"simple_query_string\": {
      \"fields\": [\"fund_name\"],
      \"query\": \"(usa | asia) + emerging\"
    }
  }
}
```

## POST intervals\_query\_order\_and\_max\_gap

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "size":50,
  "query": {
    "intervals": {
      "fund_name": {
        "all_of": {
          "ordered":true,
          "intervals":[
            {"match": {"query":"MSCI Markets", "max_gaps" : 1}},
            {"match": {"query": "ETF"}}
          ]
        }
      }
    }
  }
}
```

### Example Request

intervals\_query\_order\_and\_max\_gap

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"size\":50,
  \"query\": {
    \"intervals\": {
      \"fund_name\": {
        \"all_of\": {
          \"ordered\":true,
          \"intervals\":[
```

## POST intervals\_query\_max\_gap\_not\_match

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "size":50,
  "query": {
    "intervals": {
      "fund_name": {
        "all_of": {
          "ordered":true,
          "intervals":[
            {"match": {"query":"MSCI Markets", "max_gaps" : 0}},
            {"match": {"query": "ETF"}}
          ]
        }
      }
    }
  }
}
```

### Example Request

intervals\_query\_max\_gap\_not\_match

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"size\":50,
  \"query\": {
    \"intervals\": {
      \"fund_name\": {
        \"all_of\": {
          \"ordered\":true,
          \"intervals\":[
```

## POST intervals\_query\_order\_not\_match

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "size":50,
  "query": {
    "intervals": {
      "fund_name": {
        "all_of": {
          "ordered":true,
          "intervals":[
            {"match": {"query": "ETF"}},
            {"match": {"query":"MSCI Markets", "max_gaps" : 1}}
```

### Example Request

intervals\_query\_order\_not\_match



```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \  
  --header "Content-Type: application/json" \  
  --data "{  
    \"size\":50,  
    \"query\": {  
      \"intervals\": {  
        \"fund_name\": {  
          \"all_of\": {  
            \"ordered\":true,  
            \"intervals\":[
```

## POST term\_query\_term

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{  
  \"query\": {  
    \"term\": {  
      \"symbol\": \"ACWI\"  
    }  
  }  
}
```

### Example Request

term\_query\_term

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"term\": {
      \"symbol\": \"ACWI\"
    }
  }
}"
```

## POST term\_query\_terms

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "terms": {
      "symbol": ["ACWI", "ACWF"]
    }
  }
}
```

### Example Request

term\_query\_terms

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"terms\": {
      \"symbol\": [\"ACWI\", \"ACWF\"]
    }
  }
}"
```

## POST term\_query\_range

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "range": {
      "rating": {
        "gte": 3,
        "lt": 5
      }
    }
  }
}
```

### Example Request

term\_query\_range

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \  
  --header "Content-Type: application/json" \  
  --data "{  
    \"query\": {  
      \"range\": {  
        \"rating\": {  
          \"gte\": 3,  
          \"lt\": 5  
        }  
      }  
    }  
  }"
```

## POST term\_query\_exists

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{  
  "query": {  
    "exists": { "fund_name": "ACWI"}  
  }  
}
```

### Example Request

term\_query\_exists

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \  
  --header "Content-Type: application/json" \  
  --data "{  
    \"query\": {  
      \"exists\": { \"fund_name\": \"ACWI\"}  
    }  
  }"
```

## POST term\_query\_prefix

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "prefix": { "symbol": "ACW"}
  }
}
```

### Example Request

term\_query\_prefix

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
  --header "Content-Type: application/json" \
  --data "{
    \"query\": {
      \"prefix\": { \"symbol\": \"ACW\"}
    }
  }"
```

## POST term\_query\_wildcard

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

,  
 r BODY  
 }

```

{
  "query": {
    "wildcard": {"symbol": "A*I"}
  }
}

```

S  
 ,

#### Example Request

term\_query\_wildcard

```

curl --location --request POST "http://localhost:9200/cf_etf/_search" \
  --header "Content-Type: application/json" \
  --data "{
    \"query\": {
      \"wildcard\": {\"symbol\": \"A*I\"}
    }
  }"

```

## POST term\_query\_regexp

http://localhost:9200/cf\_etf/\_search

a  
 , HEADERS

#### Content-Type

application/json

,  
 e  
 BODY

```

{
  "query": {
    "regexp": {"symbol": "ACW[ IF]"}
  }
}

```

0

#### Example Request

```
term_query_regexp
```

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"regexp\": {\"symbol\": \"ACW[IF]\"}
  }
}"
```

## POST term\_query\_fuzzy

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

### HEADERS

#### Content-Type

```
application/json
```

### BODY

```
{
  "query": {
    "fuzzy": { "symbol": "ACW~" }
  }
}
```

### Example Request

```
term_query_fuzzy
```

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"fuzzy\": {\"symbol\": \"ACW~\"}
  }
}"
```

## POST term\_query\_ids

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "ids": { "values": [ "oU2jLGkB_W0hQaVaoEie", "o02jLGkB_W0hQaVaoEif" ] }
  }
}
```

### Example Request

term\_query\_ids

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
  --header "Content-Type: application/json" \
  --data "{
    \"query\": {
      \"ids\": { \"values\": [ \"oU2jLGkB_W0hQaVaoEie\", \"o02jLGkB_W0hQaVaoEif\" ] }
    }
  }"
```

## POST script\_query

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json



},  
r BODY

1

s

```
{  
  "query": {  
    "bool": {  
      "must": {"match_phrase_prefix": {"fund_name": "ishares edge" }},  
      "filter": {  
        "script": {  
          "script": {  
            "lang": "painless",  
            "source": "if (!doc['rating'].empty && doc['rating'].value >= 4) return t
```

#### Example Request

script\_query

t

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \  
--header "Content-Type: application/json" \  
--data "{  
  \"query\": {  
    \"bool\": {  
      \"must\": {\"match_phrase_prefix\": {\"fund_name\": \"ishares edge\" }},  
      \"filter\": {  
        \"script\": {  
          \"script\": {
```

a

1

## POST bool\_query

3

http://localhost:9200/cf\_etf/\_search

e

#### HEADERS

i

##### Content-Type

3

application/json

:

#### BODY

0

```
{
  "query": {
    "bool": {
      "must": {"match_phrase_prefix": {"fund_name": "ishares edge" }},
      "must_not": {"match": {"fund_name": "global"}}
    }
  }
}
```

#### Example Request

bool\_query

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"bool\": {
      \"must\": {\"match_phrase_prefix\": {\"fund_name\": \"ishares edge\" }},
      \"must_not\": {\"match\": {\"fund_name\": \"global\"}}
    }
  }
}"
```

## POST boosting\_query

http://localhost:9200/cf\_etf/\_search

#### HEADERS

##### Content-Type

application/json

#### BODY

```

{
  "query": {
    "boosting": {
      "positive": {"match_phrase_prefix": {"fund_name": "ishares edge" }},
      "negative": {"term":{"category":"Equity"}},
      "negative_boost":0.1
    }
  }
}

```

### Example Request

boosting\_query

```

curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"boosting\": {
      \"positive\": {\"match_phrase_prefix\": {\"fund_name\": \"ishares edge\" }},
      \"negative\": {\"term\":{\"category\":\"Equity\"}},
      \"negative_boost\":0.1
    }
  }
}

```

## POST dismax\_query\_query\_1

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "dis_max": {
      "queries": [
        {"match_phrase": {"fund_name": "ishares edge" }}
      ]
    }
  }
}
```

#### Example Request

dismax\_query\_query\_1

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"dis_max\": {
      \"queries\": [
        {\"match_phrase\": {\"fund_name\": \"ishares edge\" }}
      ]
    }
  }
}"
```

## POST dismax\_query\_query\_2

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "dis_max": {
      "queries": [
        {"match": {"morningstar_category": "World Large Stock"}}
      ]
    }
  }
}
```

#### Example Request

dismax\_query\_query\_2

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"dis_max\": {
      \"queries\": [
        {\"match\": {\"morningstar_category\": \"World Large Stock\"}}
      ]
    }
  }
}"
```

## POST dismax\_query\_query\_1&2

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```

{
  "query": {
    "dis_max": {
      "queries": [
        {"match_phrase": {"fund_name": "ishares edge" }},
        {"match": {"morningstar_category": "World Large Stock"}}
      ]
    }
  }
}

```

### Example Request

dismax\_query\_query\_1&2

```

curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"dis_max\": {
      \"queries\": [
        {\"match_phrase\": {\"fund_name\": \"ishares edge\" }},
        {\"match\": {\"morningstar_category\": \"World Large Stock\"}}
      ]
    }
  }
}"

```

## POST function\_score\_query

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```

{
  "query": {
    "function_score": {
      "query": {"match_phrase": {"fund_name": "ishares edge" }},
      "functions": [
        {"filter": {"wildcard": {"morningstar_category": "*Stock"}}, {"weight": 2},
        {"filter": {"wildcard": {"morningstar_category": "*Growth"}}, {"weight": 1.5},
        {"filter": {"wildcard": {"morningstar_category": "*Blend"}}, {"weight": 0.5}
      ]
    }
  }
}

```

### Example Request

function\_score\_query

```

curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"function_score\": {
      \"query\": {\"match_phrase\": {\"fund_name\": \"ishares edge\" }},
      \"functions\": [
        {\"filter\": {\"wildcard\": {\"morningstar_category\": \"*Stock\"}}, \"weight\": 2},
        {\"filter\": {\"wildcard\": {\"morningstar_category\": \"*Growth\"}}, \"weight\": 1.5},
        {\"filter\": {\"wildcard\": {\"morningstar_category\": \"*Blend\"}}, \"weight\": 0.5}
      ]
    }
  }
}"

```

### POST explain\_api

http://localhost:9200/cf\_etf/\_explain/o02jLGkB\_W0hQaVaoEif

#### HEADERS

##### Content-Type

application/json

#### BODY

```

{
  "query": {
    "match": {"fund_name": "ishares edge global"}
  }
}

```

## Example Request

explain\_api

```
curl --location --request POST "http://localhost:9200/cf_etf/_explain/o02jLGkB_W0hQaVaoEif" \  
--header "Content-Type: application/json" \  
--data "{  
  \"query\": {  
    \"match\": {\"fund_name\": \"ishares edge global\"}  
  }  
}"
```

## POST validate\_api

http://localhost:9200/cf\_etf/\_validate/query?explain=true

## HEADERS

**Content-Type**

application/json

## PARAMS

**explain**

true

## BODY

```
{  
  "query": {  
    "match": {"rating": "five"}  
  }  
}
```

## Example Request

validate\_api



```
curl --location --request POST "http://localhost:9200/cf_etf/_validate/query?explain=true" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"match\": {\"rating\": \"five\"}
  }
}"
```

## POST search\_count\_api\_fund\_name\_w\_asia

http://localhost:9200/cf\_etf/\_count

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  "query": {
    "term": {"fund_name": "asia"}
  }
}
```

### Example Request

search\_count\_api\_fund\_name\_w\_asia

```
curl --location --request POST "http://localhost:9200/cf_etf/_count" \
--header "Content-Type: application/json" \
--data "{
  \"query\": {
    \"term\": {\"fund_name\": \"asia\"}
  }
}"
```

## GET field\_capabilities

```
http://localhost:9200/_field_caps?fields=fund_name,description
```

## HEADERS

### Content-Type

application/json

## PARAMS

### fields

fund\_name,description

## Example Request

```
field_capabilities
```

## POST ranking\_evaluation

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

## HEADERS

### Content-Type

application/json

## BODY

```
{
  "requests": [
    {
      "id": "Asia",
      "request": {"query": {"match": {"description": "asia"}}},
      "ratings": []
    },
    {
      "id": "Global",
      "request": {"query": {"match": {"description": "global"}}},

```

## Example Request

ranking\_evaluation

```
curl --location --request POST "http://localhost:9200/cf_etf/_rank_eval" \
--header "Content-Type: application/json" \
--data "{
  \"requests\": [
    {
      \"id\": \"Asia\",
      \"request\": {\"query\": {\"match\": {\"description\": \"asia\"}}},
      \"ratings\": []
    },
    {
```

## POST search\_request\_profiling

[http://localhost:9200/cf\\_etf/\\_search](http://localhost:9200/cf_etf/_search)

## HEADERS

**Content-Type**

application/json

## BODY

```
{
  "profile": true,
  "query": {
    "query_string": {
      "query": "fund_name:ishares description:global",
      "default_operator": "AND"
    }
  }
}
```

## Example Request

search\_request\_profiling

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \  
--header "Content-Type: application/json" \  
--data "{  
  \"profile\":true,  
  \"query\": {  
    \"query_string\": {  
      \"query\": \"fund_name:ishares description:global\",  
      \"default_operator\": \"AND\"  
    }  
  }  
}
```

## POST term\_suggester

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{  
  \"suggest\": {  
    \"text\": \"asian stock\",  
    \"suggester_1\": {  
      \"term\": {  
        \"field\": \"fund_name\"  
      }  
    },  
    \"suggester_2\": {  
      \"term\": {  
        \"field\": \"fund_name\"  
      }  
    }  
  }  
}
```

### Example Request

term\_suggester

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \
--header "Content-Type: application/json" \
--data "{
  \"suggest\": {
    \"text\": \"asian stock\",
    \"suggester_1\": {
      \"term\": {
        \"field\": \"fund_name\"
      }
    }
  },
}
```

## POST phrase\_suggester

http://localhost:9200/cf\_etf/\_search

### HEADERS

#### Content-Type

application/json

### BODY

```
{
  \"suggest\": {
    \"text\": \"divide weigh index\",
    \"suggester\": {
      \"phrase\": {
        \"field\": \"description\"
      }
    }
  }
}
```

### Example Request

phrase\_suggester

,  
r  
}  
  
  
  
  
s

```
curl --location --request POST "http://localhost:9200/cf_etf/_search" \  
  --header "Content-Type: application/json" \  
  --data "{  
    \"suggest\": {  
      \"text\": \"divide weigh index\",  
      \"suggester\": {  
        \"phrase\": {  
          \"field\": \"description\"  
        }  
      }  
    }  
  }"
```

## GET cf\_etf\_suggester\_mappings

http://localhost:9200/cf\_etf\_suggester/\_mappings

-  
  
t

### HEADERS

#### Content-Type

application/json

### Example Request

cf\_etf\_suggester\_mappings

a  
  
l

## POST cf\_etf\_suggester

:  
e

http://localhost:9200/cf\_etf\_suggester/\_search

i

### HEADERS

:  
:

#### Content-Type

application/json

### BODY

0

```
,
r
{
  "suggest": {
    "fund_name_suggester": {
      "prefix": "ishares edge",
      "completion": {
        "field": "fund_name"
      }
    }
  }
}
```

#### Example Request

cf\_etf\_suggester

```
curl --location --request POST "http://localhost:9200/cf_etf_suggester/_search" \
--header "Content-Type: application/json" \
--data "{
  \"suggest\": {
    \"fund_name_suggester\": {
      \"prefix\": \"ishares edge\",
      \"completion\": {
        \"field\": \"fund_name\"
      }
    }
  }
}
```

a

l

:

e

i

:

:

0