n

chapter7

GET retrieve ACWI 5 yrs dividends

https://api.iextrading.com/1.0/stock/AGND/dividends/5y

Example Request

retrieve ACWI 5 yrs dividends

GET iex stats

https://api.iextrading.com/1.0/stock/acwf/chart

Example Request

r iex stats

GET cf_etf_dividend_denormalize_mappings

http://localhost:9200/cf_etf_dividend_denormalize/_mappings

HEADERS

Content-Type

application/json

```
n
Example Request

cf_etf_dividend_denormalize_mappings
```

POST cf_etf_dividend_denormalize_search

```
http://localhost:9200/cf_etf_dividend_denormalize/_search
```

HEADERS

Content-Type

application/json

BODY

Example Request

```
cf\_etf\_dividend\_denormalize\_search
```

GET cf_etf_dividend_array_object_mappings

```
http://localhost:9200/cf_etf_dividend_io/_mappings
```

HEADERS

Content-Type

application/json

Example Request

cf_etf_dividend_array_object_mappings

POST cf_etf_dividend_array_object_search

http://localhost:9200/cf_etf_dividend_io/_search

HEADERS

Content-Type

application/json

Example Request

POST cf_etf_dividend_array_object_search _none

```
http://localhost:9200/cf_etf_dividend_io/_search
```

HEADERS

Content-Type

application/json

Example Request

GET cf_etf_dividend_nested__mappings

http://localhost:9200/cf_etf_dividend_nested/_mappings

HEADERS

Content-Type

application/json

Example Request

cf_etf_dividend_nested__mappings

POST cf_etf_dividend_nested_object_search_none

```
http://localhost:9200/cf_etf_dividend_nested/_search
```

HEADERS

Content-Type

application/json

BODY

```
Example Request
```

POST cf_etf_dividend_nested_object_search

```
http://localhost:9200/cf_etf_dividend_nested/_search
```

HEADERS

```
Content-Type
```

application/json

BODY

n

```
Example Request
```

PUT cf_etf_dividend_join_index

http://localhost:9200/cf_etf_dividend_join/

HEADERS

Content-Type

application/json

BODY

Example Request

```
cf_etf_dividend_join_index

curl --location --request PUT "http://localhost:9200/cf_etf_dividend_join/" \
    --header "Content-Type: application/json" \
    --data "{
    \"mappings\": {
        \"dynamic\": false,
        \"properties\": {
        \"cf_etf_dividend\": {
            \"type\": \"join\",
            \"relations\": {
```

POST cf_etf_acwf_join_bulk_index

```
r
localhost:9200/cf_etf_dividend_join/_bulk
```

HEADERS

Content-Type

application/json

```
{"index":{"_index":"cf_etf_dividend_join", "_id":"12345678"}}
{"symbol": "ACWF", "fund_name": "iShares Edge MSCI Multifactor Global ETF", "rating": 3, "mornin
```

```
Example Request
```

```
curl --location --request POST "localhost:9200/cf_etf_dividend_join/_bulk" \
    --header "Content-Type: application/json" \
    --data "{\"index\":{\"_index\":\"cf_etf_dividend_join\", \"_id\":\"12345678\"}}
{\"symbol\": \"ACWF\", \"fund_name\": \"iShares Edge MSCI Multifactor Global ETF\", \"rating\":
    The fund generally will invest at least 90% of its assets in the component securities of the ur
    "
```

POST cf_etf_dividend_join_search_all

```
localhost:9200/cf_etf_dividend_join/_search
```

HEADERS

Content-Type

application/json

BODY

{ }

r Example Request

```
cf_etf_dividend_join_search_all

curl --location --request POST "localhost:9200/cf_etf_dividend_join/_search" \
    --header "Content-Type: application/json" \
    --data "{ }
"
```

POST cf_etf_dividend_join_bulk_index

```
localhost:9200/cf_etf_dividend_join/_bulk
```

HEADERS

Content-Type

application/json

BODY

```
{"index":{"_index":"cf_etf_dividend_join", "routing":"12345678"}}
{"cf_etf_dividend":{"name":"dividend", "parent":"12345678"}, "exDate": "2017-12-19", "paymentDat
{"index":{"_index":"cf_etf_dividend_join", "routing":"12345678"}}
{"cf_etf_dividend":{"name":"dividend", "parent":"12345678"}, "exDate": "2017-12-19", "paymentDate
{"index":{"_index":"cf_etf_dividend_join", "routing":"12345678"}}
{"cf_etf_dividend":{"name":"dividend", "parent":"12345678"}, "exDate": "2017-06-20", "paymentDat
{"index":{"_index":"cf_etf_dividend_join", "routing":"12345678"}}
{"cf_etf_dividend":{"name":"dividend", "parent":"12345678"}, "exDate": "2016-12-21", "paymentDat
{"index":{"_index":"cf_etf_dividend_join", "routing":"12345678"}}
```

```
Example Request
```

```
cf_etf_dividend_join_bulk_index

curl --location --request POST "localhost:9200/cf_etf_dividend_join/_bulk" \
    --header "Content-Type: application/json" \
    --data "{\"index\":{\"_index\":\"cf_etf_dividend_join\", \"routing\":\"12345678\"}}
    {\"cf_etf_dividend\":{\"name\":\"dividend\", \"parent\":\"12345678\"}}

r \{\"index\":{\"_index\":\"cf_etf_dividend\", \"parent\":\"12345678\"},\"exDate\": \"2017-12-19\" \\"index\":\"\"index\":\"\"dividend\", \"parent\":\"12345678\"},\"exDate\": \"2017-12-19\" \\"index\":\"\"index\":\"\"cf_etf_dividend_join\", \"routing\":\"12345678\"}}

r \{\"cf_etf_dividend\":\\"cf_etf_dividend\", \"parent\":\"12345678\"},\"exDate\": \"2017-06-20\" \\"index\":\"\"index\":\"cf_etf_dividend_join\", \"routing\":\"12345678\"}}
```

GET cf_etf_dividend_join__mappings

http://localhost:9200/cf_etf_dividend_join/_mappings

HEADERS

Content-Type

application/json

n

```
Example Request
```

```
cf_etf_dividend_join__mappings
```

POST cf_etf_dividend_join_parent_id_query

```
localhost:9200/cf_etf_dividend_join/_search
```

HEADERS

Content-Type

application/json

BODY

```
{
    "query": {"parent_id":{"type":"dividend", "id":"12345678"}}
}
```

```
r Example Request
```

POST cf_etf_dividend_join_has_child_search_match_all

```
localhost:9200/cf_etf_dividend_join/_search
```

HEADERS

```
Content-Type
```

application/json

BODY

n

```
{
    "query": {
        "has_child": {"type":"dividend", "min_children":6, "max_children":7, "query":{"match_all
    }
}
```

Example Request

```
cf_etf_dividend_join_has_child_search_match_all

curl --location --request POST "localhost:9200/cf_etf_dividend_join/_search" \
    --header "Content-Type: application/json" \
    --data "{
        \"query\": {
        \"has_child\": {\"type\":\"dividend\", \"min_children\":6, \"max_children\":7, \"query\"
        }
    }"
```

POST cf_etf_dividend_join_has_child_search

localhost:9200/cf_etf_dividend_join/_search

HEADERS

Content-Type

application/json

```
{
    "query": {
        "has_child": {"type":"dividend", "query":{"prefix":{"symbol":"ACWF"}}}
}
```

Example Request

POST cf_etf_dividend_join_has_parent_search_match_all

```
localhost:9200/cf_etf_dividend_join/_search
```

' HEADERS

Content-Type

application/json

BODY

```
{
    "query": {
        "has_parent": {"parent_type":"cf_etf", "query":{"match_all": {}}}
}
}
```

Example Request

cf_etf_dividend_join_has_parent_search_match_all

```
curl --location --request POST "localhost:9200/cf_etf_dividend_join/_search" \
    --header "Content-Type: application/json" \
    --data "{
        \"query\": {
        \"has_parent\": {\"parent_type\":\"cf_etf\", \"query\":{\"match_all\": {}}}
    }
}"
```

POST cf_etf_dividend_join_has_parent_search

```
localhost:9200/cf_etf_dividend_join/_search?routing=12345678
```

HEADERS

Content-Type

application/json

PARAMS

routing

12345678

y BODY

```
{
    "query": {
        "has_parent": {"parent_type":"cf_etf", "query":{"match":{"type": "Dividend income"}}}
}
}
```

Example Request

cf_etf_dividend_join_has_parent_search

```
curl --location --request POST "localhost:9200/cf_etf_dividend_join/_search?routing=12345678" \
    --header "Content-Type: application/json" \
    --data "{
        \"query\": {
        \"has_parent\": {\"parent_type\":\"cf_etf\", \"query\":{\"match\":{\"type\": \"Dividend
        }
    }"
```