

FastAPI0.1.0OAS 3.1

/openapi.json

default



GET / Root

▼

POST /build-indexBuild Index

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Parameters

CancelReset

No parameters

Request bodyrequired

application/json

```
{
  "start_date": "2025-04-21",
  "end_date": "2025-04-22"
}
```

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Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8000/build-index' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
```

```
-d '{
  "start_date": "2025-04-21",
  "end_date": "2025-04-22"
}'
```

Request URL

http://localhost:8000/build-index

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "status": "success", "records": 2 }</pre></div><div>Download</div></div> <div><div>Response headers</div><div><pre>content-length: 32 content-type: application/json date: Mon,05 May 2025 17:55:15 GMT server: uvicorn</pre></div></div>

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div><div>Example Value</div><div>Schema</div></div> <div>"string"</div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div> <div><div>Example Value</div><div>Schema</div></div> <div><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</pre></div>	No links

GET

/indexperformance

Index Performance

Parameters

Cancel

Name	Description
start_date * required string (query)	<input type="text" value="2025-04-21"/>
end_date * required string (query)	<input type="text" value="2025-04-22"/>

Execute

Clear

Responses

Curl

curl -X 'GET' \
'http://localhost:8000/indexperformance?start_date=2025-04-21&end_date=2025-04-22' \
-H 'accept: application/json'

Request URL

http://localhost:8000/indexperformance?start_date=2025-04-21&end_date=2025-04-22

Server response

Code	Details
200	<div><div>Response body</div><div>[{ "date": "2025-04-21", "index_value": 274.74604957103736, "daily_return": null, "cumulative_return": 1 }, { "date": "2025-04-22", "index_value": 282.7348611736298, "daily_return": 0.029077075412241228, "cumulative_return": 1.0290770754122411 }]</div><div><div>Response headers</div><div>content-length: 229 content-type: application/json date: Mon,05 May 2025 17:56:58 GMT</div></div></div> <div>Download</div>

Code	Details	
	server: uvicorn	
Responses		
Code	Description	Links
200	Successful Response	No links
	Media type	
	<div>application/json</div>	
	Controls Accept header.	
	Example Value	Schema
	"string"	
422	Validation Error	No links
	Media type	
	<div>application/json</div>	
	Example Value	Schema
	<pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</pre>	

GET /index-composition Index Composition



Parameters

Cancel

Name	Description
date * required	
string	2025-04-21
(query)	

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8000/index-composition?date=2025-04-21' \
  -H 'accept: application/json'
```

Request URL

http://localhost:8000/index-composition?date=2025-04-21

Server response

Code	Details
200	<div><div>Response body</div><div><pre>[{ "date": "2025-04-21T00:00:00", "symbol": "AAPL", "weight": 0.01 }, { "date": "2025-04-21T00:00:00", "symbol": "MSFT", "weight": 0.01 }, { "date": "2025-04-21T00:00:00", "symbol": "NVDA", "weight": 0.01 }, { "date": "2025-04-21T00:00:00", "symbol": "AMZN", "weight": 0.01 }, { "date": "2025-04-21T00:00:00", "symbol": "META", "weight": 0.01 }, { "date": "2025-04-21T00:00:00",</pre></div><div>Download</div></div> <div><div>Response headers</div><div><pre>content-length: 6070 content-type: application/json date: Mon, 05 May 2025 17:58:20 GMT server: uvicorn</pre></div></div>

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div>	No links

Code	Description	Links
	<code>"string"</code>	
422	Validation Error	No links
Media type		
<div>application/json</div>		
Example Value Schema		
<pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</pre>		

GET /compositionchanges Composition Changes ^

Parameters

Cancel

Name	Description
start_date * required string (query)	<div>2025-04-21</div>
end_date * required string (query)	<div>2025-04-22</div>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8000/compositionchanges?start_date=2025-04-21&end_date=2025-04-22' \
  -H 'accept: application/json'
```

Request URL

http://localhost:8000/compositionchanges?start_date=2025-04-21&end_date=2025-04-22

Server response

Code	Details
200	<div><div>Response body</div><div><pre>[{"DASH", "MCHP", "ISRG", "ANSS", "MRVL", "AMZN", "CTSH", "PLTR", "PYPL", "TTWO", "ZS", "ADP", "PCAR", "KDP", "BKNG", "LULU", "MU", "XEL", "META", "PDD", "MELI", "CPRT", "TSLA", "AXON"}, {"exited": []}]</pre></div><div><div>Download</div></div></div> <div><div>Response headers</div><div><pre>content-length: 716 content-type: application/json date: Mon, 05 May 2025 17:59:24 GMT server: uvicorn</pre></div></div>

Responses

Code	Description	Links
200	<div>Successful Response</div> <div><div>Media type</div><div>application/json</div><div>Controls Accept header.</div><div><div>Example Value</div><div>Schema</div><div>"string"</div></div></div> <div>No links</div>	No links
422	<div>Validation Error</div> <div><div>Media type</div><div>application/json</div></div> <div>No links</div>	No links

Code

Description

Links

Example Value

Schema

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

POST

/export-data

Export Data

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Parameters

Cancel

Reset

No parameters

Request body required

application/json

```
{
  "start_date": "2025-04-21",
  "end_date": "2025-04-22"
}
```

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8000/export-data' \
  -H 'accept: application/json' \
```



```
-H 'Content-Type: application/json' \
-d '{
  "start_date": "2025-04-21",
  "end_date": "2025-04-22"
}'
```

Request URL

http://localhost:8000/export-data

Server response

Code	Details
200	<div><p>Response body</p><p>Download file</p><p>Response headers</p><pre>content-disposition: attachment; filename=export_2025-04-21_to_2025-04-22.xlsx content-type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet date: Mon,05 May 2025 18:00:56 GMT server: uvicorn transfer-encoding: chunked</pre></div>

Responses

Code	Description	Links
200	<div><p>Successful Response</p><p>Media type</p><div>application/json</div><p>Controls Accept header.</p><p>Example Value Schema</p><pre>"string"</pre></div>	No links
422	<div><p>Validation Error</p><p>Media type</p><div>application/json</div><p>Example Value Schema</p><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</pre></div>	No links

Schemas



BuildIndexRequest > Expand all **object**

ExportDataRequest > Expand all **object**

HTTPValidationError > Expand all **object**

ValidationError > Expand all **object**