



## Developer Portal

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## Market Data Production

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APIs to access Market Data

Market Data 1.0.0 OAS3

Trader API - Market data

[Contact Schwab Trader API team](#)

## Servers

<https://api.schwabapi.com/marketdata/v1>

Authorize

Quotes Get Quotes Web Service.GET **/quotes** Get Quotes by list of symbols.

## Parameters

Cancel

## Name

## Description

## symbols

string

(query)

Comma separated list of symbol(s) to look up a quote

[MRAD,EATOF,EBIZ,AAPL,BAC,AAAHX,AAA](#)

## fields

string

(query)

Request for subset of data by passing coma separated list of root nodes, possible root nodes are quote, fundamental, extended, reference, regular. Sending **quote**, **fundamental** in request will return quote and fundamental data in response. Dont send this attribute for full response.

[quote,reference](#)



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boolean  
(query)

Include indicative symbol quotes for all ETF symbols in request. If ETF symbol ABC is in request and indicative=true API will return quotes for ABC and its corresponding indicative quote for \$ABC.IV

false

ExecuteClear

## Responses

### Curl

```
curl -X 'GET' \
  'https://api.schwabapi.com/marketdata/v1/quotes?symbols=MRAD%2CEATOF%2CEBIZ%2CAAPL%2CBAC%2CAAAHX%2CAAAIX%2
  -H 'accept: application/json' \
  -H 'Authorization: Bearer I0.b2F1dGgyLmNkYy5zY2h3YWluY29t.V1Eq6UfVoF4v_BnVEr6VbR6mH7fzby8x0qV_04rSdzE@'
```

### Request URL

```
https://api.schwabapi.com/marketdata/v1/quotes?
symbols=MRAD%2CEATOF%2CEBIZ%2CAAPL%2CBAC%2CAAAHX%2CAAAIX%2C%24DJI%2C%24SPX%2CMVEN%2CSOBS%2CTOITF%2CCNSWF%
2CAMZN%20%20230317C01360000%2CDJX%20%20%20231215C00290000%2C%2FESH23%2C.%2FADUF23C0.55%2CAUD%2FCAD&fields
=quote%2Creference&indicative=false
```

### Server response

CodeDetails

200

### Response body

```
{
  "EBIZ": {
    "assetMainType": "EQUITY",
    "assetSubType": "ETF",
    "quoteType": "NBBO",
    "realtime": true,
    "ssid": 52313178,
    "symbol": "EBIZ",
    "quote": {
      "52WeekHigh": 35.9999,
      "52WeekLow": 23.51,
      "askMICId": "XNAS",
      "askPrice": 35.28,
      "askSize": 300,
      "askTime": 1763456771689,
      "bidMICId": "XNAS",
      "bidPrice": 24.01,
      "bidSize": 300,
      "bidTime": 1763456771689,
      "closePrice": 31.937,
      "highPrice": 0,
      "lastMICId": "XADF",
```

Download

### Response headers

```
cache-control: no-store
```



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content-type: application/json  
expires: -1  
pragma: no-cache

Responses

Code	Description	Links
200	Quote Response	No links

Media type

application/json

Examples

Search by Symbols+Cusips+SSIDs

Controls Accept header.

Example Value Schema

```
{
  "AAPL": {
    "assetMainType": "EQUITY",
    "symbol": "AAPL",
    "quoteType": "NBBO",
    "realtime": true,
    "ssid": 1973757747,
    "reference": {
      "cusip": "037833100",
      "description": "Apple Inc",
      "exchange": "Q",
      "exchangeName": "NASDAQ"
    },
    "quote": {
      "52WeekHigh": 169,
      "52WeekLow": 1.1,
      "askMICId": "MEMX",
      "askPrice": 168.41,
      "askSize": 400,
      "askTime": 1644854683672,
      "bidMICId": "IEGX",
      "bidPrice": 168.4,
```

Headers:

Name	Description	Type
Schwab-Client-CorrelId	Used to identify an individual request throughout the lifetime of the request and across systems.	string Example: 0a7f446a-7d74-49c8-a1e5-ca8ed59a3386

400	Error response for generic client error 400	No links
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Media type

application/json

Example Value Schema

```
{
  "errors": [
    {
```



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```
status : 400 ,
"title": "Bad Request",
"detail": "Missing header",
"source": {
  "header": "Authorization"
},
{
  "id": "0be22ae7-efdf-44d9-99f4-f138049d76ca",
  "status": "400",
  "title": "Bad Request",
  "detail": "Search combination should have min of 1.",
  "source": {
    "pointer": [
      "/data/attributes/symbols",
      "/data/attributes/cusips",
      "/data/attributes/ssids"
    ]
  }
}
```

Headers:

Name	Description	Type
Schwab-Client-CorrelId	This Correlation ID is unique to the operation. The GUID that is generated can be used to track an individual service call if support is needed.	string Example: 977dbd7f-992e-44d2-a5f4-e213d29c8691
Schwab-Resource-Version	This is the requested API version.	string Example: 1

401

## Error response for 401 Unauthorized

No links

Media type

application/json

Example Value Schema

```
{
  "errors": [
    {
      "status": 401,
      "title": "Unauthorized",
      "id": "0be22ae7-efdf-44d9-99f4-f138049d76ca"
    }
  ]
}
```

Headers:

Name	Description	Type
Schwab-Client-CorrelId	This Correlation ID is unique to the operation. The GUID that is generated can be used to track an individual service call if support is needed.	string Example: 977dbd7f-992e-44d2-a5f4-e213d29c8691
Schwab-Resource-Version	This is the requested API version.	string Example: 1



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## Error response for 500 Internal Server Error

Media type

application/json

Example Value Schema

```
{
  "errors": [
    {
      "id": "0be22ae7-efdf-44d9-99f4-f138049d76ca",
      "status": 500,
      "title": "Internal Server Error"
    }
  ]
}
```

Headers:

Name	Description	Type
Schwab-Client-CorrelId	This Correlation ID is unique to the operation. The GUID that is generated can be used to track an individual service call if support is needed.	string Example: 977dbd7f-992e-44d2-a5f4-e213d29c8691
Schwab-Resource-Version	This is the requested API version.	string Example: 1

GET /{symbol\_id}/quotes Get Quote by single symbol. ✓ 🔒

Option Chains Get Option Chains Web Service. ^

GET /chains Get option chain for an optionable Symbol ✓ 🔒

Option Expiration Chain Get Option Expiration Chain Web Service. ^

GET /expirationchain Get option expiration chain for an optionable symbol ✓ 🔒

PriceHistory Get Price History Web Service. ^

GET /pricehistory Get PriceHistory for a single symbol and date ranges. ✓ 🔒

Movers Get Movers Web Service. ^