



## 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<br><small>string<br/>(query)</small> | Comma separated list of symbol(s) to look up a quote<br><br>MRAD,EATOF,EBIZ,AAPL,BAC,AAAHX,AAA  |
| fields<br><small>string<br/>(query)</small>  | Request for subset of data by passing comma separated list of root nodes, possible root nodes are quote, fundamental, extended, reference, regular. Sending <b>quote</b> , <b>fundamental</b> in request will return quote and fundamental data in response. Dont send this attribute for full response.<br><br>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

[Execute](#)

[Clear](#)

## Responses

### Curl

```
curl -X 'GET' \
  'https://api.schwabapi.com/marketdata/v1/quotes?symbols=MRAD%2CEATOF%2CEBIZ%2CAAPL%2CBAC%2CAAHX%2CAAIX%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%2CAAHX%2CAAIX%2C%24DJI%2C%24SPX%2CMVEN%2CSOBS%2CTOITF%2CCNSWF%
2CAMZN%20%2020230317C01360000%2CDJX%20%2020231215C00290000%2C%2FESH23%2C.%2FADUF23C0.55%2CAUD%2FCAD&fields
=quote%2Creference&indicative=false
```

### Server response

| Code | Details       |
|------|---------------|
| 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",
      "lowPrice": 23.51,
      "openPrice": 35.28,
      "previousClose": 31.937,
      "volume": 300
    }
  }
}
```

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### 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-<br>CorrelId | Used to identify an individual request throughout the lifetime of the request and across systems. | string<br><i>Example: 0a7f446a-7d74-49c8-a1e5-ca8ed59a3386</i> |

400

Error response for generic client error 400

No links

Media type

[application/json](#)
[Example Value](#) [Schema](#)

```
{
  "errors": [
    {
      "code": "400"
    }
  ]
}
```

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

401

No links

Error response for 401 Unauthorized

Media type

application/json

Example Value Schema

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

Headers:

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



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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 | This Correlation ID is unique to the operation.  | string<br>Example: 977dbd7f- |
| CorrelId      | The GUID that is generated can be used to track an individual service call if support is needed. | 992e-44d2-a5f4-e213d29c8691  |

  

|         |           |         |                                    |                      |
|---------|-----------|---------|------------------------------------|----------------------|
| Schwab- | Resource- | Version | This is the requested API version. | string<br>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. ^