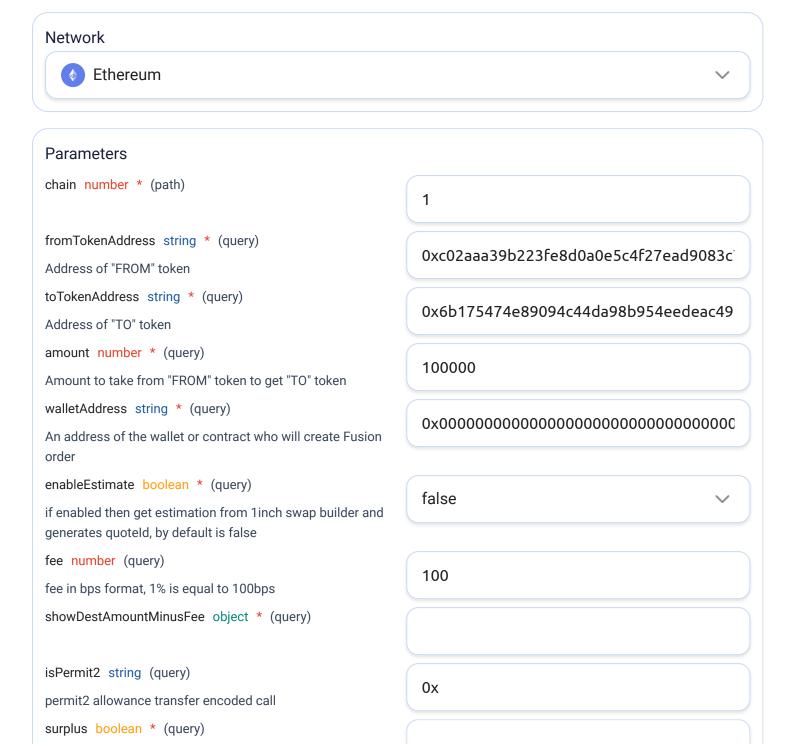# Quoter

1inch Fusion API

GET   https://api.1inch.dev/fusion/quoter/v2.0/{chain}/quote/receive

Get quote details based on input data

Network

Ethereum

Parameters

chain   number   *   (path)

1

fromTokenAddress   string   *   (query)
Address of "FROM" token

0xc02aaa39b223fe8d0a0e5c4f27ead9083c

toTokenAddress   string   *   (query)
Address of "TO" token

0x6b175474e89094c44da98b954eedeac49

amount   number   *   (query)
Amount to take from "FROM" token to get "TO" token

100000

walletAddress   string   *   (query)
An address of the wallet or contract who will create Fusion order

0x00000000000000000000000000000000

enableEstimate   boolean   *   (query)
if enabled then get estimation from 1inch swap builder and generates quoteId, by default is false

false

fee   number   (query)
fee in bps format, 1% is equal to 100bps

100

showDestAmountMinusFee   object   *   (query)

isPermit2   string   (query)
permit2 allowance transfer encoded call

0x

surplus   boolean   *   (query)

permit string (query)

permit, user approval sign

slippage object (query)

source object (query)

0x

swagger.response

Code: 200

Returns presets with slippage and quoteId

Code: 400

Input data is invalid

Code: default

Schema:

```
⌄    GetQuoteOutput  object
         quoteId  *  object
         fromTokenAmount  *  string
         toTokenAmount  *  string
         feeToken  *  string
    ⌄    fee  *  ResolverFee  object
             receiver  *  string
             bps  *  number
             whitelistDiscountPercent  *  number
         integratorFee  *  number
    ⌄    presets  *  any
        ⌄    allOf[0]  QuotePresetsClass  object
            ⌄    fast  *  any
                ⌄    allOf[0]  PresetClass  object
                         bankFee  *  string
                         auctionDuration  *  number
                         startAuctionIn  *  number
                         initialRateBump  *  number
                         auctionStartAmount  *  string
                         startAmount  *  string
                         auctionEndAmount  *  string
                         exclusiveResolver  *  object
                         tokenFee  *  string
                         estP  *  number
                    ⌄    points  *  array
                        ⌄    items  AuctionPointClass  object
                                 delay  *  number
                                 coefficient  *  number
                         allowPartialFills  *  boolean
                         allowMultipleFills  *  boolean
                    ⌄    gasCost  *  GasCostConfigClass  object
                             gasBumpEstimate  *  number
                             gasPriceEstimate  *  string
            ⌄    medium  *  any
                ⌄    allOf[0]  PresetClass  object
                         bankFee  *  string
```

```
                          auctionDuration  *  number
                          startAuctionIn  *  number
                          initialRateBump  *  number
                          auctionStartAmount  *  string
                          startAmount  *  string
                          auctionEndAmount  *  string
                          exclusiveResolver  *  object
                          tokenFee  *  string
                          estP  *  number
              ⌄   points  *  array
                     ⌄   items  AuctionPointClass  object
                              delay  *  number
                              coefficient  *  number
                          allowPartialFills  *  boolean
                          allowMultipleFills  *  boolean
              ⌄   gasCost  *  GasCostConfigClass  object
                          gasBumpEstimate  *  number
                          gasPriceEstimate  *  string
       ⌄   slow  *  any
          ⌄   allOf[0]  PresetClass  object
                  bankFee  *  string
                  auctionDuration  *  number
                  startAuctionIn  *  number
                  initialRateBump  *  number
                  auctionStartAmount  *  string
                  startAmount  *  string
                  auctionEndAmount  *  string
                  exclusiveResolver  *  object
                  tokenFee  *  string
                  estP  *  number
              ⌄   points  *  array
                     ⌄   items  AuctionPointClass  object
                              delay  *  number
                              coefficient  *  number
                          allowPartialFills  *  boolean
                          allowMultipleFills  *  boolean
              ⌄   gasCost  *  GasCostConfigClass  object
                          gasBumpEstimate  *  number
                          gasPriceEstimate  *  string
       ⌄   custom  any
          ⌄   allOf[0]  PresetClass  object
                  bankFee  *  string
                  auctionDuration  *  number
                  startAuctionIn  *  number
                  initialRateBump  *  number
                  auctionStartAmount  *  string
                  startAmount  *  string
                  auctionEndAmount  *  string
                  exclusiveResolver  *  object
                  tokenFee  *  string
                  estP  *  number
              ⌄   points  *  array
                     ⌄   items  AuctionPointClass  object
                              delay  *  number
                              coefficient  *  number
                          allowPartialFills  *  boolean
                          allowMultipleFills  *  boolean
              ⌄   gasCost  *  GasCostConfigClass  object
                          gasBumpEstimate  *  number
                          gasPriceEstimate  *  string
       settlementAddress  *  string
⌄   whitelist  *  array
       items  string
```

∨ recommended_preset * string (Enum)
         fast
         medium
         slow
         custom
      suggested * boolean
   ∨ prices * TokenPairValue object
      ∨ usd * PairCurrencyValue object
            fromToken * string
            toToken * string
   ∨ volume * TokenPairValue object
      ∨ usd * PairCurrencyValue object
            fromToken * string
            toToken * string
      surplusFee * number

Authorization - API KEY

Try it

NodeJS   Python   cURL   Go

```javascript
const axios = require("axios");

async function httpCall() {
  const url = "https://api.1inch.dev/fusion/quoter/v2.0/1/quote/receive";

  const config = {
    headers: undefined,
    params: {
      fromTokenAddress: "0xc02aaa39b223fe8d0a0e5c4f27ead9083c756cc2",
      toTokenAddress: "0x6b175474e89094c44da98b954eedeac495271d0f",
      amount: "100000",
      walletAddress: "0x0000000000000000000000000000000000000000",
      enableEstimate: "false",
      fee: "100",
      isPermit2: "0x",
      permit: "0x",
    },
    paramsSerializer: {
      indexes: null,
    },
  }
```

Response

Click the try-it button to test your API call and see the real-time response right here.