Quote params

Find the best quote to exchange via 1inch router:/api/quote

Description of query parameters

Parameter name Type Description src *string contract address of a token to sell e.g.:0x6b175474e89094c44da98b954eedeac495271d0f dst* string contract address of a token to buy e.g.:0xa0b86991c6218b36c1d19d4a2e9eb0ce3606eb48 amount* integer amount of a token to sell, set in minimal divisible units e.g.: 1.00 DAI set as1000000000000000000

51.03 USDC set as51030000 includeTokensInfo boolean if set totrue , response will include from token and to token info default: false includeProtocols boolean if set totrue , response will include protocols used in the quote default: false includeGas boolean if set totrue , response will include gas limit anticipated for the quote default: false fee number this percentage ofsrc token amount will be sent toreferrerAddress , the rest will be used as input for a swap min: 0; max: 3; default: 0;

example to set a fee to 1.5%:&fee=1.5 protocols string specify liquidity protocols to use. If not set, all liquidity protocols will be used e.g.:&protocols=WETH,CURVE,BALANCER,...,ZRX

default: all protocols can be used gasPrice string 1inch takes in account gas expenses to determine exchange route. It is important to use the same gas price on the quote and swap methods gas price set in wei:12.5 GWEI set as12500000000

default: "fast" from the network complexityLevel string maximum number of token-connectors to be used in a transaction. The more is used — the longer route estimation will take, the more complex route might be as a result. If not set, two token-connectors might be used min: 0; max: 3; default: 2 connectorTokens string token-connectors can be specified via this parameter. The more is set — the longer route estimation will take. If not set, default token-connectors will be used. If token you want to exchange doesn't have a pool with one of the default token-connectors, this parameter will help find the route; should be the same for a quote and swap e.g.: &connectorTokens=0xEeeeeEeeeEeEeeEeEeEeeEEEeeeeEeeeeeeeEEeE, 0x6b175474e89094c44da98b954eedeac495271d0f

default: list of default token-connectors gasLimit integer maximum amount of gas for a swap; should be the same for a quote and swap default: 11500000; max: 11500000; mainRouteParts integer limit maximum number of main route parts; should be the same for a quote and swap default: 20; max: 50; parts integer limit maximum number of parts each main route part can be split into; should be the same for a quote and swap default: 20; max: 100;

Description of response parameters

Parameter name Type Description fromToken string parameters of a token to sell toToken string parameters of a token to buy fromAmount string input amount offromToken in minimal divisible units toAmount string result amount oftoToken in minimal divisible units protocols string route of the trade gas string rough estimated amount of the gas limit for used protocols; do not usegas from the quote method as the gas limit of a transaction Edit this page Previous Swap params Next AggregationRouterV5