

GET /v1/shortcuts/quote

If the EoA doesn't hold enough funds or allowance to execute the transaction, the route endpoint won't be able to calculate the best route.

The quote endpoint is a fast way to get the amount of tokenOut that will be received, without the need of holding the funds or allowance.

Request

Query Param Description Example fromAddress Ethereum address of the wallet to send the transaction from (It could be an EoA, or a Smart Wallet) tokenIn=0x6b175474e8909... tokenIn Ethereum address of the token to swap or enter into a position from tokenIn=0x6b175474e8909... amountIn Amount of tokenIn to swap in wei amountIn=10000000000 tokenOut Ethereum address of the token to swap or enter into a position to tokenOut= 0x182b723a587... priceImpact Flag that indicates whether to calculate and return the price impact of the transaction priceImpact=true chainId (Optional) The chainId of the network. Default value is 1 for Mainnet chainId=1

Response

It returns an object with the following parameters:

Field Description amountOut Estimated amount out received route The route of the transaction gas An estimation on how much gas will be spent

Examples

Quote ETH to stETH

Get a quote for spending 1 ETH for stEth

Request:

https://api.enso.finance/api/v1/shortcuts/quote?chainId=1&fromAddress=0xd8da6bf26964af9d7eed9e03e53415d37aa96045&tokenIn=0xe000&tokenOut=0xae7ab96520de3a18e5e111b5eaab095312d7fe844

Response:

(Response route may differ)

```
{ "amountOut" :
"1001537694734262349", "gas" : { "_hex" :
"0x04cb07", "_isBigNumber" :
true }, "route" : [{ "action" :
"router", "protocol" :
"enso", "tokenIn" : [ "0xe000000000000000000000000000000000000000000000000000000000000000" ], "tokenOut" : [ "0xae7ab96520de3a18e5e111b5eaab095312d7fe84" ], "positionInId" : [
"1:0xe000000000000000000000000000000000000000000000000000000000000000" ], "positionOutId" : [ "1:0xae7ab96520de3a18e5e111b5eaab095312d7fe84:0xe000000000000000000000000000000000000000000000000000000000000000" ] ] }
```

[GET /v1/shortcuts/route Bundler API](#)