

expectedTradeInput()

...

CarbonPOL.sol Copy

```
functionexpectedTradeInput(Tokentoken,uint128targetAmount)externalviewreturns(uint128sourceAmount);
```

...

Using this function, one can query the contract indicating the target token amount they would like to receive, and receive an indication of the expected source token amount required.

Note that since the rate changes over time, the required amount might reduce with time as the price changes.

Function Arguments

Name	Type	Description
Token	Token	The token address of the token you would like to trade out of the contract
targetAmount	uint128	The amount of target tokens you would like to receive at the end of the trade

Example

...

Copy `expectedTradeInput(0x1f573d6fb3f13d689ff844b4ce37794d79a7ff1c, //token address
4027872880331900000000 //target amount indicated in wei)` returns(1000000000000000000 //the required amount of source
tokens indicated in wei)

...

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