

Fill a limit order

LimitOrderProtocolFacade.fillLimitOrder()

Parameters:

Field Type Description order LimitOrder a limit order structure. See [Limit order structure](#) signature LimitOrderSignature signature of a limit order makingAmount string amount of maker asset (in token units) takingAmount string amount of taker asset (in token units) thresholdAmount string the threshold for the amount of received asset (in received asset units) skipPermit boolean Should makers permit be skipped during fill evaluation. See below. Note: to fill a limit order, only one of the amounts must be specified, makingAmount or takingAmount .

The second one must be set to 0

Note on skipPermit

Since v3 multiple valid orders may exist with same maker permit, while only first fill should evaluate maker's permit.

To manage this skipPermit option was added.

Tip:

You can just check if allowance exists and then set skipPermit to true .

You can also estimate order with skipPermit: true and fallback to estimation with skipPermit: false as well.

Example

```
import Web3 from
'web3' ; import
{ LimitOrderProtocolFacade , LimitOrder , LimitOrderSignature , Web3ProviderConnector }
from
'@1inch/limit-order-protocol-utils' ;
const walletAddress =
'0xhhh...' ; const contractAddress =
'0x5fa31604fc5dcebfcac2481f9fa59d174126e5e6' ;
const order : LimitOrder =
{ ... } ; const signature : LimitOrderSignature =
'...' ;
const makerAmount =
'400000000' ; const takerAmount =
'0' ; const thresholdAmount =
'600000000' ;
const connector =
new
Web3ProviderConnector ( new
Web3 ( '...' ) ) ; const limitOrderProtocolFacade =
new
```

```
LimitOrderProtocolFacade ( contractAddress , chainId , connector ) ;
```

```
const callData = limitOrderProtocolFacade . fillLimitOrder ( { order , signature , makingAmount , takingAmount ,  
thresholdAmount ,
```

```
// interaction = ZX, // skipPermit = false, } ) ;
```

```
sendTransaction ( { from : walletAddress , gas :
```

```
210_000 ,
```

```
// Set your gas limit gasPrice :
```

```
40000 ,
```

```
// Set your gas price to : contractAddress , data : callData , } ) Edit this page Previous Limit order structure Next Cancel a limit order
```