

OrderRFQMixin

RFQ Limit Order mixin

Derives

- [Permittable](#)
- [AmountCalculator](#)
- [EIP712](#)

Functions

invalidatorForOrderRFQ

function

invalidatorForOrderRFQ (address maker , uint256 slot)

external

returns

(uint256) Returns bitmask for double-spend invalidators based on lowest byte of order.info and filled quotes

Parameters:

| Name | Type | Description |
|-------|---------|--------------|
| maker | address | slot uint256 |

Return Values:

| Name | Type | Description | Result |
|---------|-------------------------------------------------------------------|-------------|--------|
| uint256 | Each bit represents whether corresponding was already invalidated | | |

cancelOrderRFQ

function

cancelOrderRFQ (uint256 orderInfo)

external Cancels order's quote

Parameters:

| Name | Type | Description |
|-----------|---------|-------------|
| orderInfo | uint256 | |

fillOrderRFQ

function

fillOrderRFQ (struct

OrderRFQMixin . Order order , bytes signature , uint256 makingAmount , uint256 takingAmount)

external

returns

(uint256 ,

uint256) Fills order's quote, fully or partially (whichever is possible)

Parameters:

| Name | Type | Description |
|--------------|----------------------------|--------------------------------------|
| order | struct OrderRFQMixin.Order | Order quote to fill |
| signature | bytes | Signature to confirm quote ownership |
| makingAmount | uint256 | Making amount |
| takingAmount | uint256 | Taking amount |

fillOrderRFQToWithPermit

function

fillOrderRFQToWithPermit (struct

OrderRFQMixin . Order order , bytes signature , uint256 makingAmount , uint256 takingAmount , address target , bytes permit)

external

returns

(uint256 ,

uint256) Fills Same asfillOrderRFQ but calls permit first, allowing to approve token spending and make a swap in one transaction. Also allows to specify funds destination instead ofmsg.sender

See tests for examples

Parameters:

| Name | Type | Description |
|--------------|----------------------------|---------------------------------------------------------------------------------|
| order | struct OrderRFQMixin.Order | Order quote to fill |
| signature | bytes | Signature to confirm quote ownership |
| makingAmount | uint256 | Making amount |
| takingAmount | uint256 | Taking amount |
| target | address | Address that will receive swap funds |
| permit | bytes | Should consist of abiencoded token address and encodedIERC20Permit.permit call. |

fillOrderRFQTo

function

fillOrderRFQTo (struct

OrderRFQMixin . Order order , bytes signature , uint256 makingAmount , uint256 takingAmount , address target)

public

returns

(uint256 ,

uint256) Same asfillOrderRFQ but allows to specify funds destination instead ofmsg.sender

Parameters:

| Name | Type | Description |
|--------------|----------------------------|--------------------------------------|
| order | struct OrderRFQMixin.Order | Order quote to fill |
| signature | bytes | Signature to confirm quote ownership |
| makingAmount | uint256 | Making amount |
| takingAmount | uint256 | Taking amount |
| target | address | Address that will receive swap funds |

Events

OrderFilledRFQ

event

OrderFilledRFQ (bytes32 orderHash , uint256 makingAmount) Emitted when RFQ gets filled

Parameters:

| Name | Type | Description |
|-----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------|
| orderHash | bytes32 | makingAmount |
| uint256 | | Edit this page Previous OrderMixin Next Table of contents |