ETHOrders

Quick links

[Functions](#)

[Events](#)

[Errors](#)

ETH order struct.

```
struct ETHOrder {
    address maker;
    uint96 balance;
}
```

Functions

constructor

```
constructor(contract IWETH weth, address limitOrderProtocol) public
```

ethOrdersBatch

```
function ethOrdersBatch(bytes32[] orderHashes) external view returns (struct ETHOrders.ETHOrder[] ethOrders)
```

ethOrderDeposit

```
function ethOrderDeposit(struct IOrderMixin.Order order, bytes extension) external payable returns (bytes32 orderHash)
```

cancelOrder

```
function cancelOrder(MakerTraits makerTraits, bytes32 orderHash) external
```

Sets ordersMakersBalances to 0, refunds ETH and does standard order cancellation on Limit Order Protocol.

isValidSignature

```
function isValidSignature(bytes32 orderHash, bytes signature) external view returns (bytes4)
```

Checks if orderHash signature was signed with real order maker.

postInteraction

```
function postInteraction(struct IOrderMixin.Order, bytes, bytes32 orderHash, address, uint256 makingAmount, uint
256, uint256, bytes) external
```

Callback method that gets called after all funds transfers. Updates _ordersMakersBalances by makingAmount for order with orderHash.

Parameters

Name	Type	Description
	struct IOrderMixin.Order	
	bytes	
orderHash	bytes32	Hash of the order being processed
	address	
makingAmount	uint256	Actual making amount
	uint256	
	uint256	
	bytes	

Events

ETHDeposited

```
event ETHDeposited(bytes32 orderHash, uint256 amount)
```

ETHOrderCancelled

```
event ETHOrderCancelled(bytes32 orderHash, uint256 amount)
```

Errors

AccessDenied

```
error AccessDenied()
```

InvalidOrder

```
error InvalidOrder()
```

NotEnoughBalance

```
error NotEnoughBalance()
```

ExistingOrder

```
error ExistingOrder()
```