

The background features a series of concentric circles in light gray, some solid and some dashed, creating a ripple effect. A large blue speech bubble is centered on the page, containing the text.

Events

Our Contract Emits

Recap Events

- Events can't be accessed from within the contract
 - But via Web3, which helps a lot.
- 3 parameters can be indexed
 - So it can be “searched” for them
- Non-Indexed values will be stored
- Index values can be searched for but not retrieved

Administrative Events

- Add A Token
- Pretty much the only thing an admin can do
- Can't „destroy“ the contract

Deposit/Withdrawal

- DepositEther
- WithdrawEther
- DepositToken
- WithdrawToken
- Who, how many, timestamp and symbolName

Orders

- **Create LimitOrder**
 - Sell/buy Order
 - symbolName, who, volume, price
 - Emit the „order_key“ so that orders can be canceled
- **Orders fulfilled**
 - Sell/Buy Orders
 - symbolName, volume, price,
 - from which „order_key“
- **Cancel Order**

Take Away

- Create Events for everything
- Like logging
- Cheap storage
 - Logs: 8 gas per byte, storage 20k gas per 32bytes