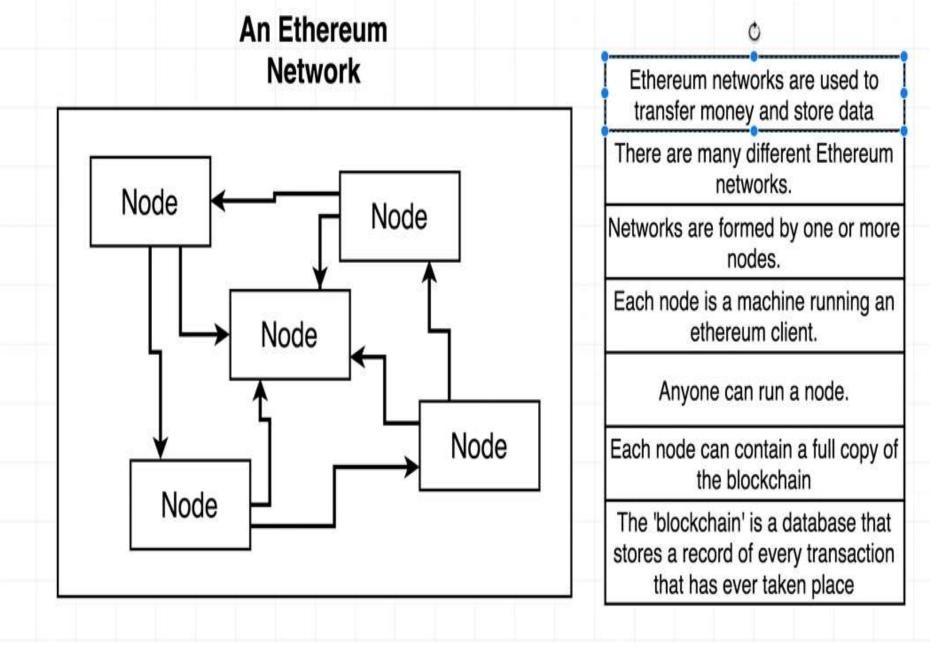
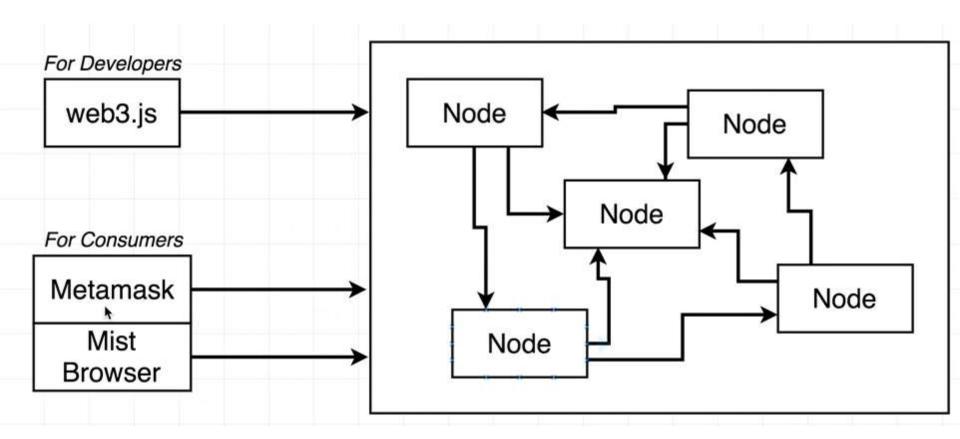
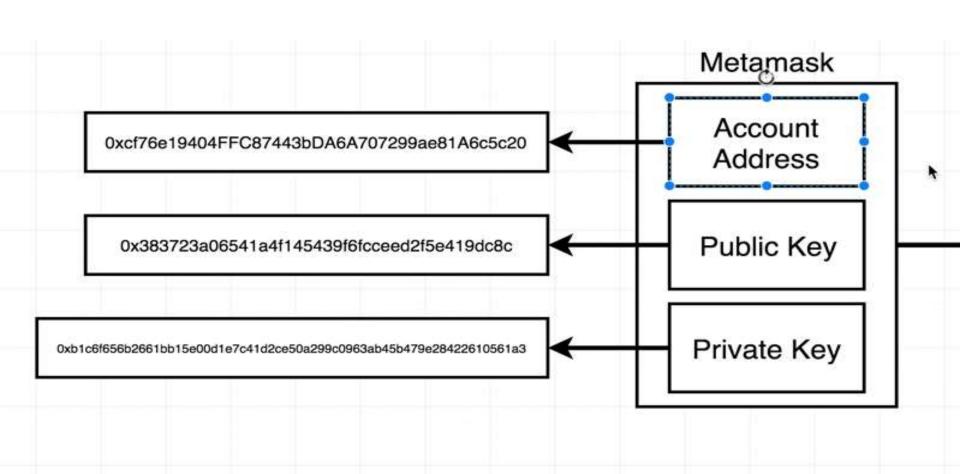
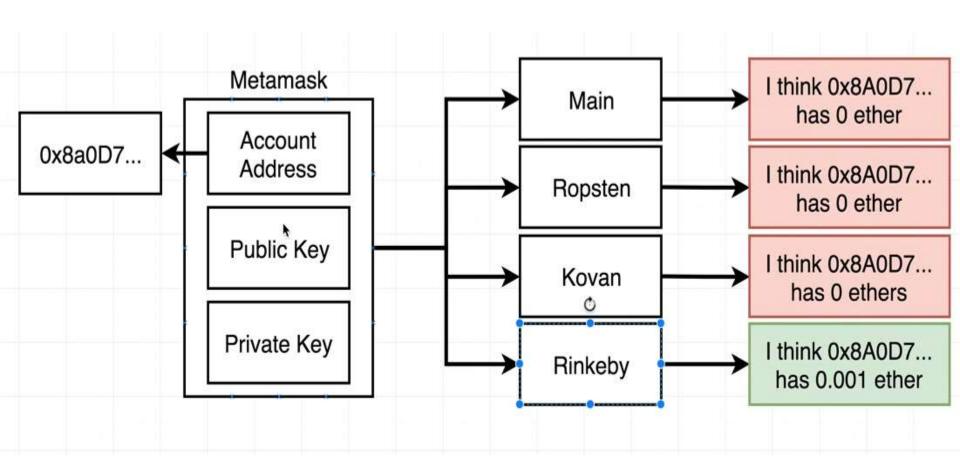


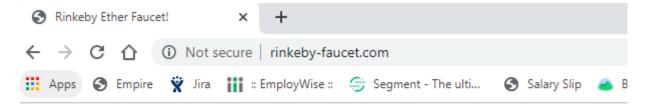
# ethereum











#### **Rinkeby Ether Faucet**

Give me your address and I'll give you .001 ether!

My Address: Submit

https://rinkeby-faucet.com/

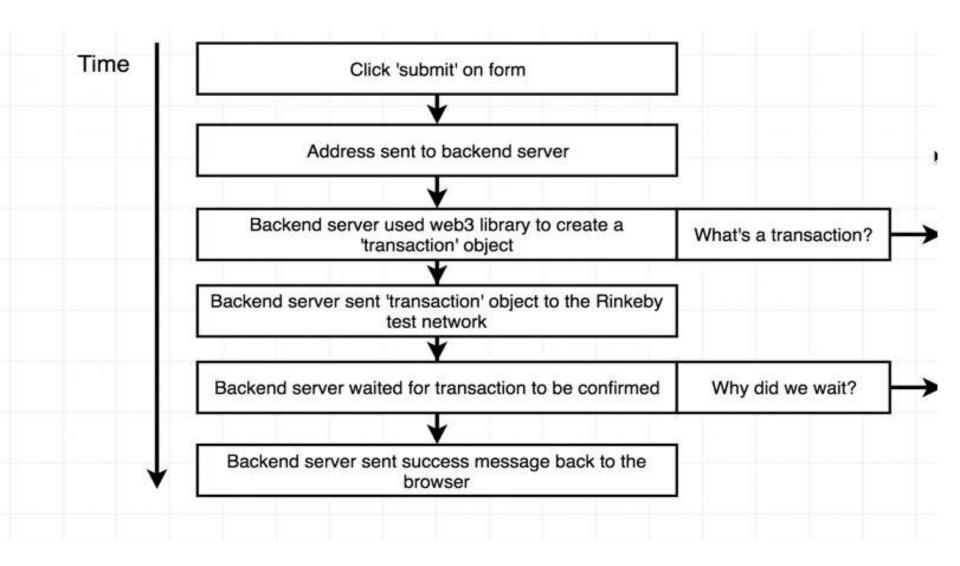
#### **Rinkeby Ether Faucet**

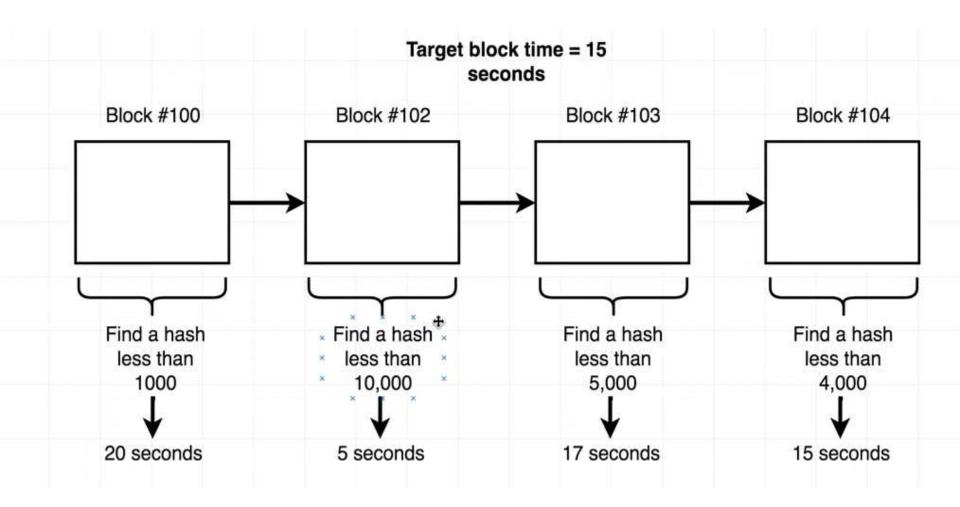
Give me your address and I'll give you .001 ether!

My Address: Submit

Great, coins are on the way!

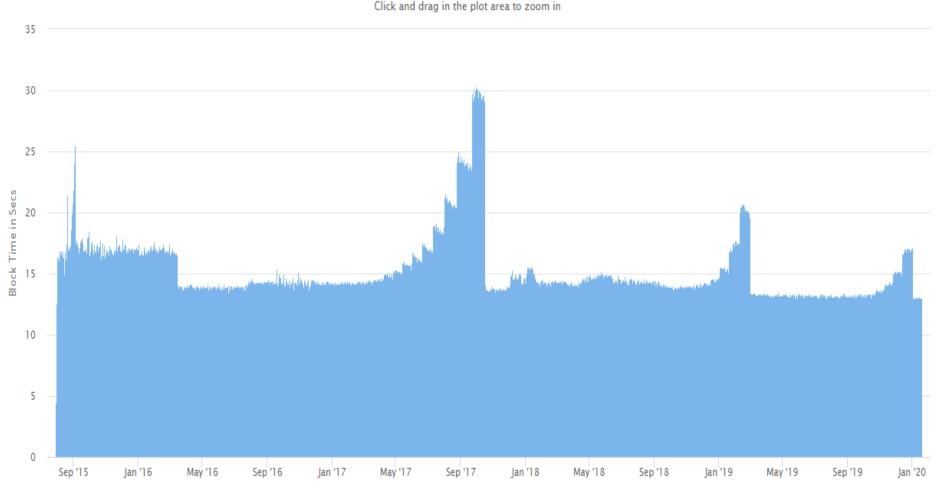
If you're curious, here is your transaction id: 0xc36ba4807b8f5e2f593fdc2213dfe5cc7b0f864d1b69ddae0389e62b1b10087e







Source: Etherscan.io Click and drag in the plot area to zoom in





## Secret Backup Phrase

Your secret backup phrase makes it easy to back up and restore your account.

WARNING: Never disclose your backup phrase. Anyone with this phrase can take your Ether forever.

insane camera achieve orient grain section allow

Remind me later

Next

#### Tips:

Store this phrase in a password manager like 1Password.

Write this phrase on a piece of paper and store in a secure location. If you want even more security, write it down on multiple pieces of paper and store each in 2 - 3 different locations.

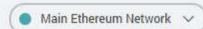
Memorize this phrase.

Download this Secret Backup Phrase and keep it stored safely on an external encrypted hard drive or storage medium.

https://www.trufflesuite.com/ganache

https://chrome.google.com/webstore/detail/metamask/nkbihfbeogaeaoehlefnkodbefgpgknn/rela









Details

0xBBbc...EE6b 🖺



Don't see your tokens?

Click on Add Token to add them to your account

Add Token



Deposit

Send

History

You have no transactions







Details

0xBBbc...EE6b



#### Don't see your tokens?

Click on Add Token to add them to your account

Add Token



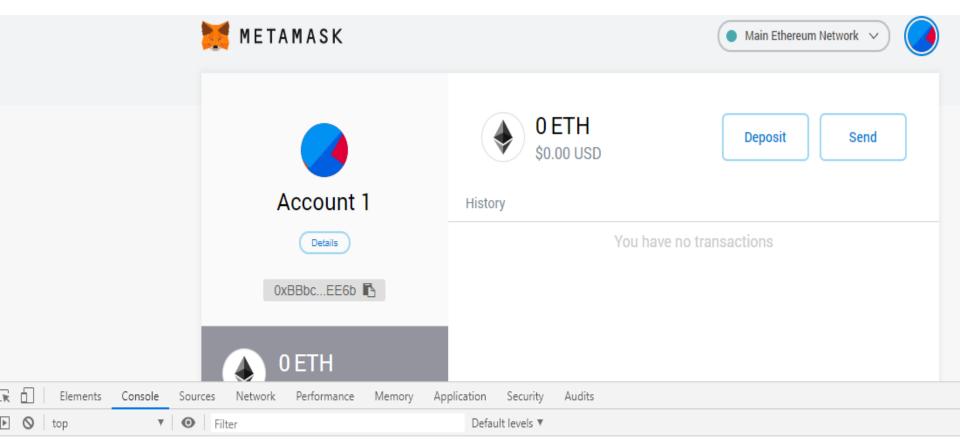
You have no

History

#### Networks

The default network for Ether transactions is Main Net.

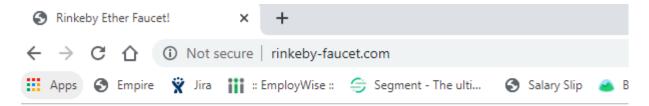
- Main Ethereum Network
  - Ropsten Test Network
    - Kovan Test Network
    - Rinkeby Test Network
    - Goerli Test Network
    - Localhost 8545
    - O Custom RPC



Setting up Sentry Remote Error Reporting: SENTRY\_DSN\_PROD

<sup>0</sup>xBBbcd68918B19d58B887ebC428b1120A70d1EE6b

<sup>1.0717925029220792</sup>e+48



#### **Rinkeby Ether Faucet**

Give me your address and I'll give you .001 ether!

My Address: Submit

https://rinkeby-faucet.com/

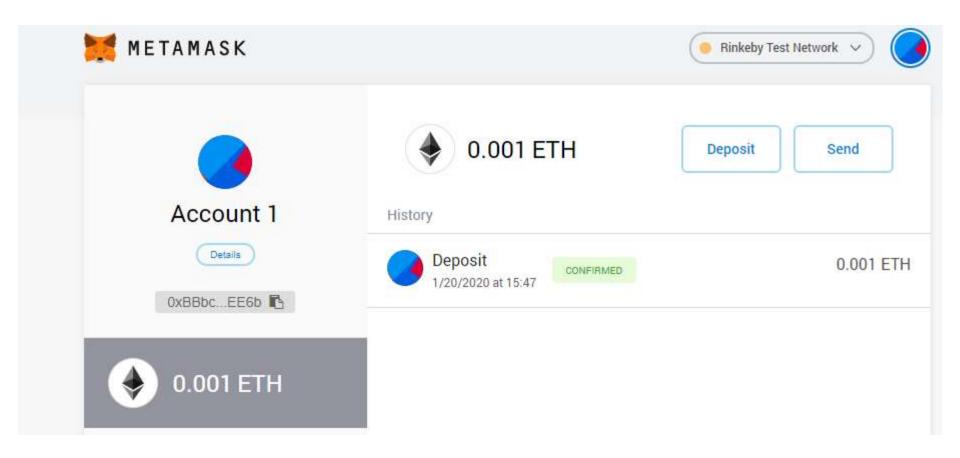
#### **Rinkeby Ether Faucet**

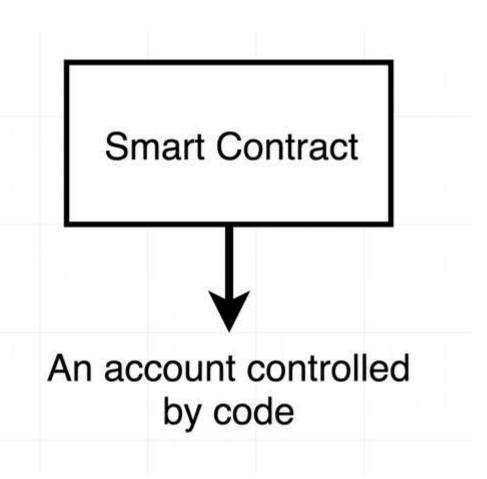
Give me your address and I'll give you .001 ether!

My Address: Submit

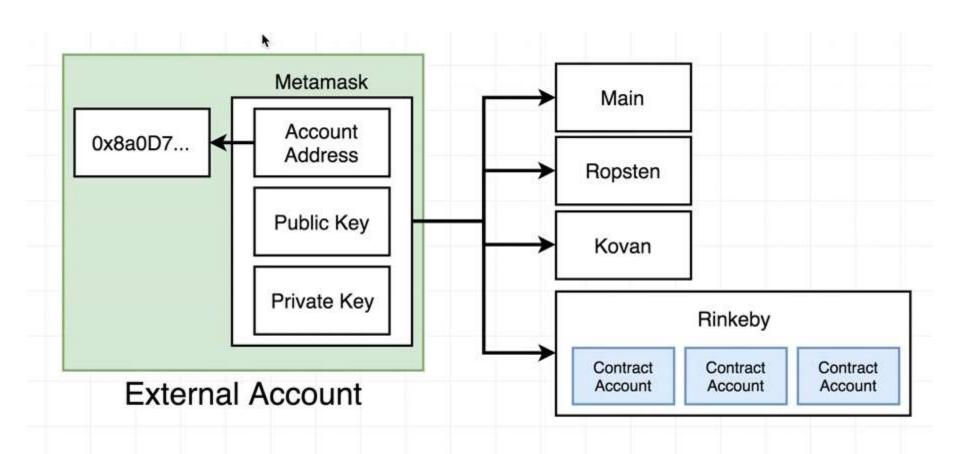
Great, coins are on the way!

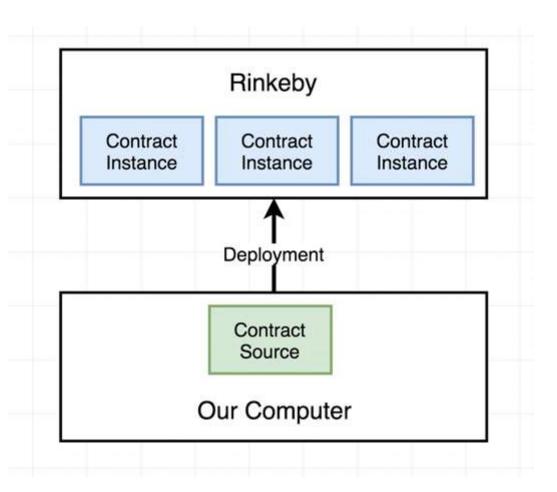
If you're curious, here is your transaction id: 0xc36ba4807b8f5e2f593fdc2213dfe5cc7b0f864d1b69ddae0389e62b1b10087e





Field	Description
balance	Amount of ether this account owns
storage	Data storage for this contract
code	Raw machine code for this contrac





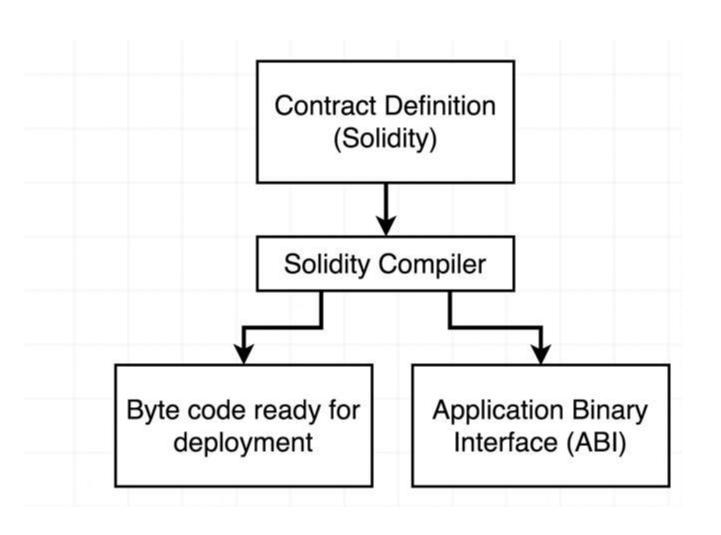
#### **Solidity Programming Language**

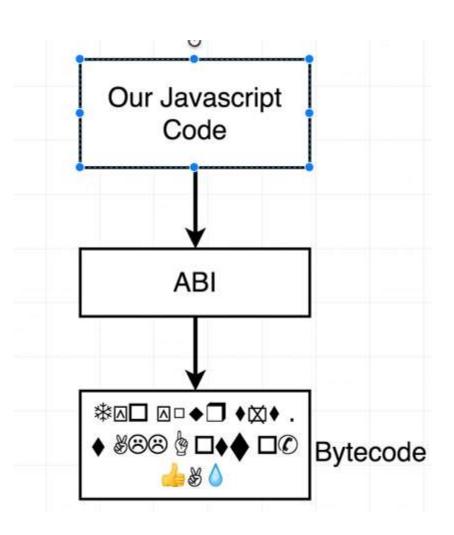
Written in .sol files

Strongly typed

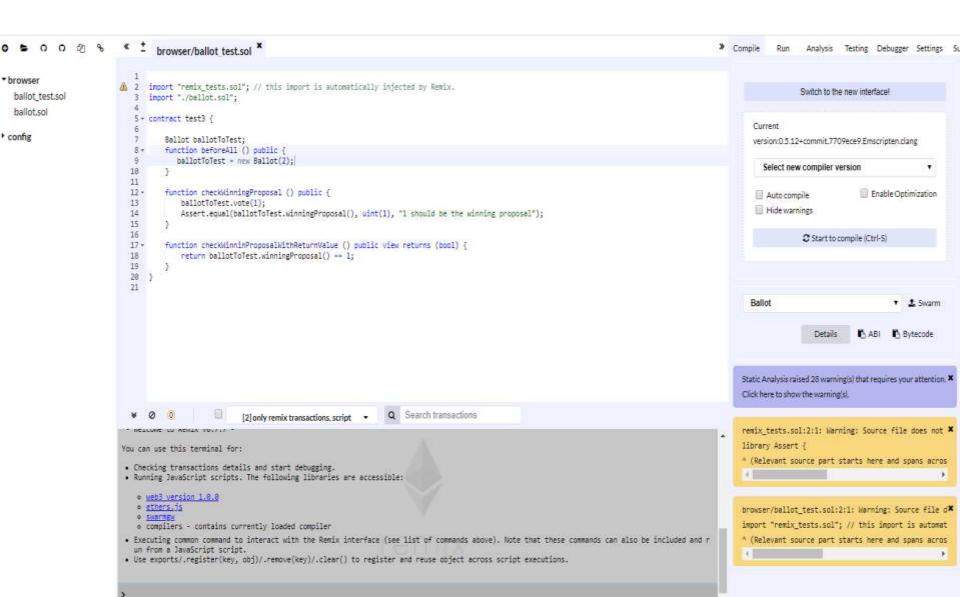
Similar to Javascript

Has several huge, gigantic 'gotchas'



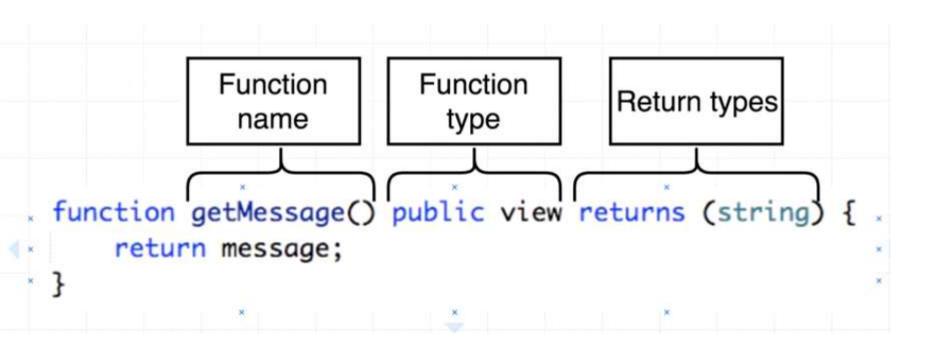


## REMIX.ETHEREUM.ORG



### First contract

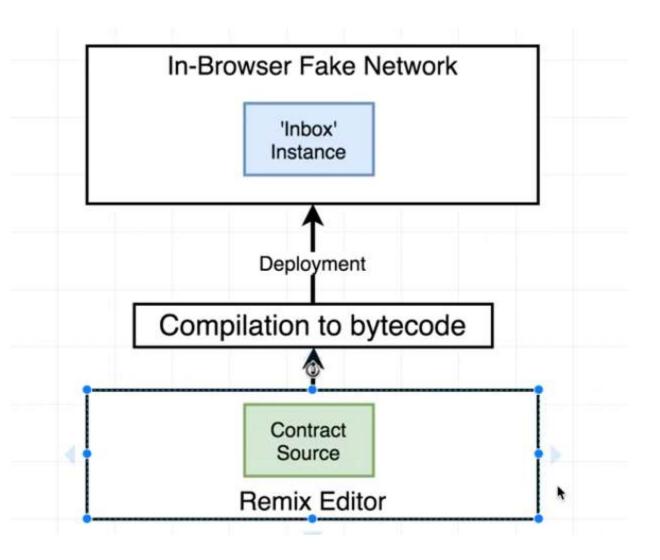
```
pragma solidity ^0.4.17;
contract Inbox {
    string public message;
    function Inbox(string initialMessage) public {
        message = initialMessage;
    function setMessage(string newMessage) public {
        message = newMessage;
    function getMessage() public view returns (string) {
        return message;
```



## **Function Types**

Common Fünction Types public Anyone can call this function Can only use one per function Only this contract can call this private function. This function returns data and does view not modify the contract's data They mean the same thing This function returns data and does constant not modify the contract's data Function will not modify or even pure read the contract's data When someone call this function they payable might send ether along

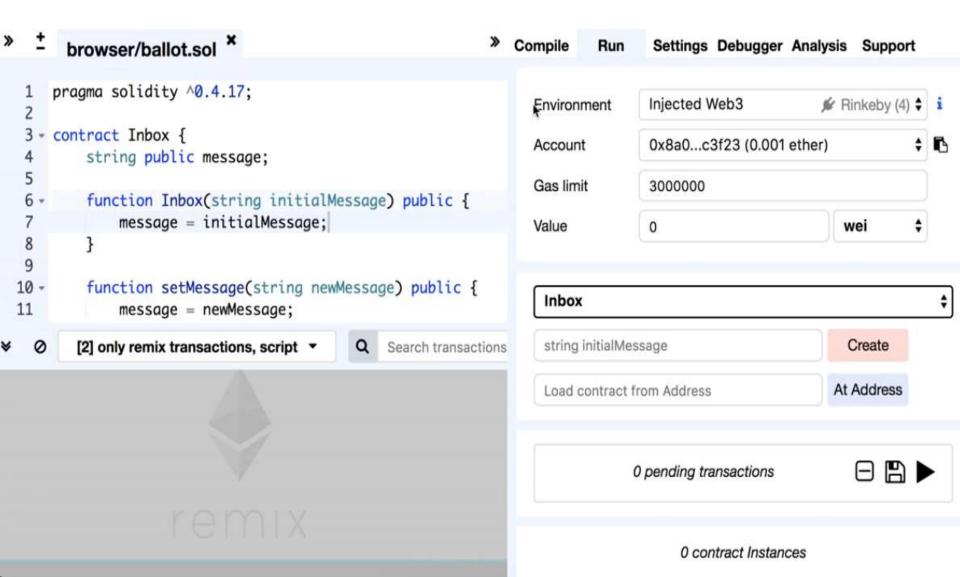
## What will remix do



# Compiling contract

```
Settings Debugger Analysis
                                                               Compile
                                                                          Run
                   ContractDefinition Inbox 0 reference(s) ^
    pragma solidity ^0.4.17;
 2
                                                                   Start to compile
                                                                                    Auto compile
    contract Inbox {
         string public message;
 5
                                                                                        Publish on Swarm
                                                                   Inbox ‡
                                                                              Details
 6 +
7
         function Inbox(string initialMessage) public {
             message = initialMessage;
 8
                                                                 Static Analysis raised 3 warning(s) *
10 -
        function setMessage(string newMessage) public {
11
             message = newMessage;
                                                                  Inbox
                                                                                                       ×
12
13
14 -
         function getMessage() public view returns (string)
             return message;
15
16
    }
17
```

# Settings.....



# More settings...

