



以太坊DApp环境搭建

——初识Solidity与Remix搭建及使用

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1. 掌握Remix环境的使用

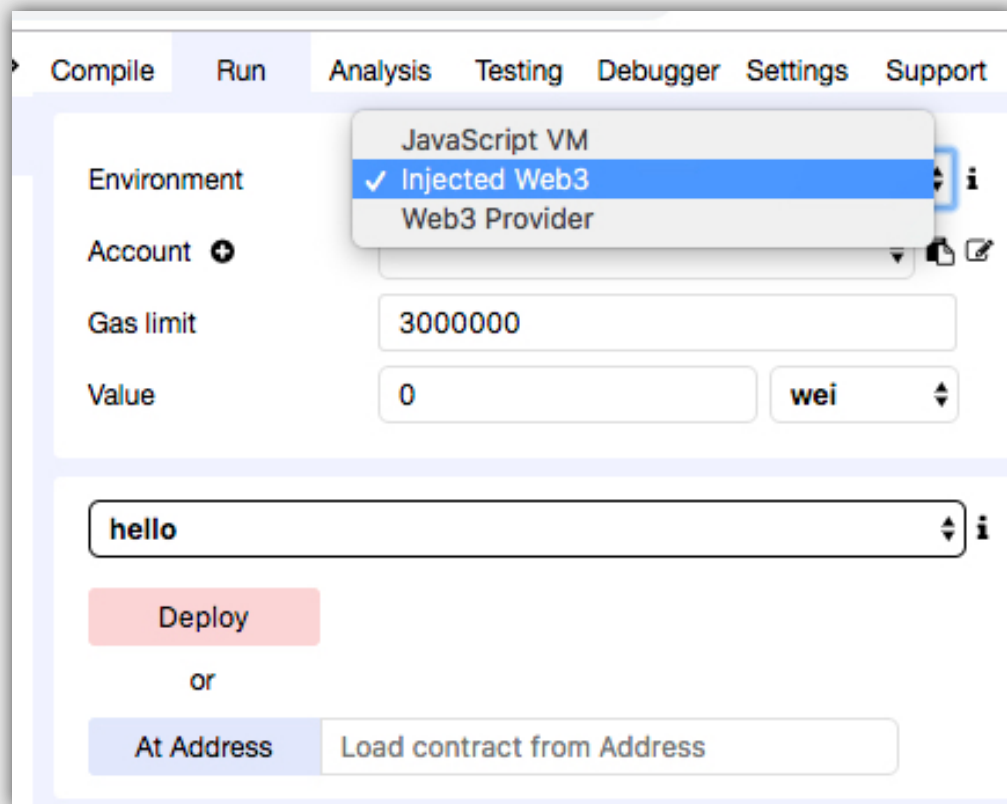
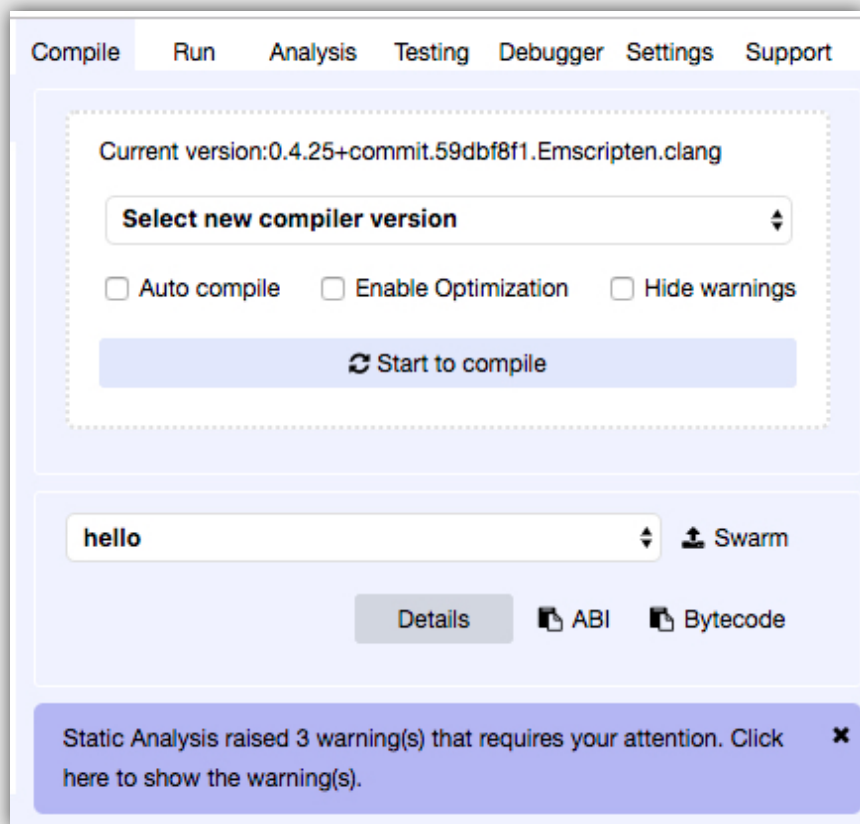
- 以太坊智能合约的开发语言
- 运行于以太坊的EVM环境
- 面向对象
- 语法神似Javascript

- 一个简单的智能合约

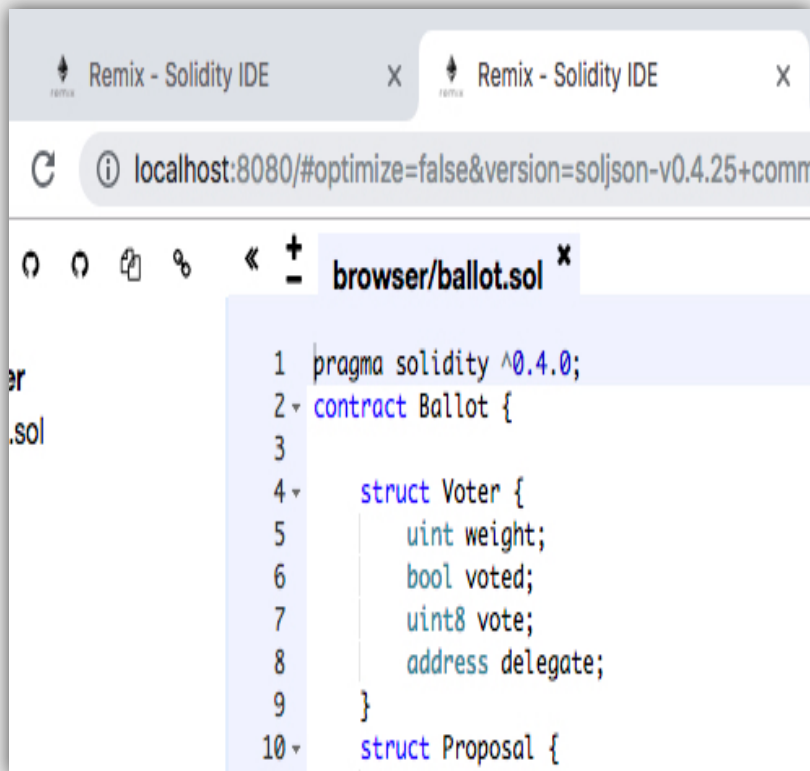
```
pragma solidity^0.4.24;  
  
contract hello {  
    string public StorageMsg;  
  
    function setMsg(string _inMsg) public {  
        StorageMsg = _inMsg;  
    }  
  
    function getMsg() public view returns (string) {  
        return StorageMsg;  
    }  
}
```

Remix环境介绍

<http://remix.ethereum.org>



<https://github.com/ethereum/remix-ide>



Remix-ide has been published as an npm module:

```
npm install remix-ide -g
remix-ide
```

Or if you want to clone the github repository (wget need to be installed first) :

```
git clone https://github.com/ethereum/remix-ide.git
cd remix-ide
npm install
npm run setupremix # this will clone https://github.com/ethereum/re
npm start
```

1. Solidity语法简洁易懂
2. Remix使用简单

1. DApp是区块链的应用项目
2. Geth即是客户端也是服务器
3. Solidity容易上手
4. Remix环境使用简单

- 必做内容
- 验证第一个hello智能合约
- 熟悉remix环境使用

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