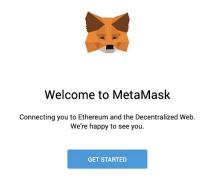
Install MetaMask

Metamask is an Ethereum Wallet that allows you to run Ethereum dApps right in your browser without running a full Ethereum node. To install MetaMask go to https://metamask.io/ and follow the installation instructions.

Create Account

After installing MetaMask a new tab will automatically open. It will guide you to create your first wallet.

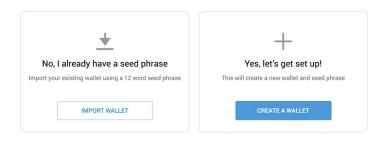
1. Click "Get Started".



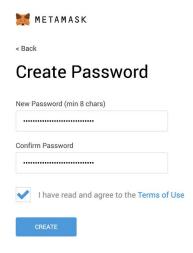
2. Click "Create wallet".



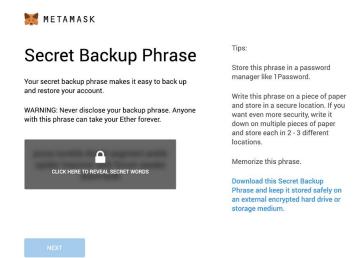
New to MetaMask?



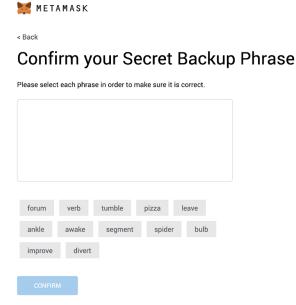
3. Choose a strong password.



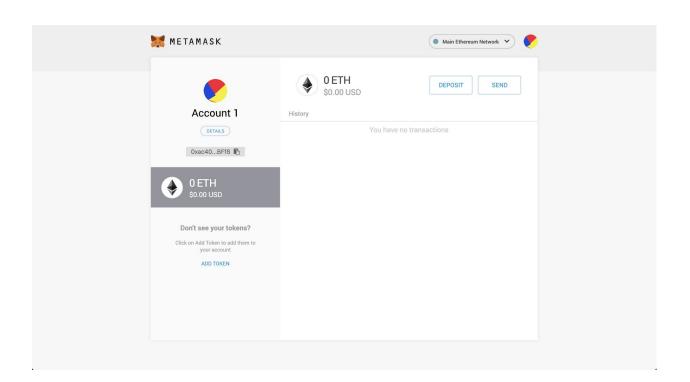
4. Next your seed phrase will be shown. Store it in a secure location. WARNING: If you lose your seed phrase you will not be able to recover any Ether you may have in this wallet.



5. Confirm your seed phrase.

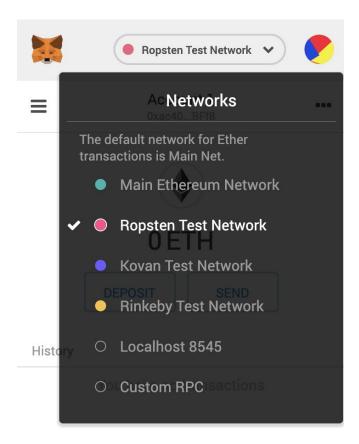


6. You are ready to use your account to send and receive Ether!

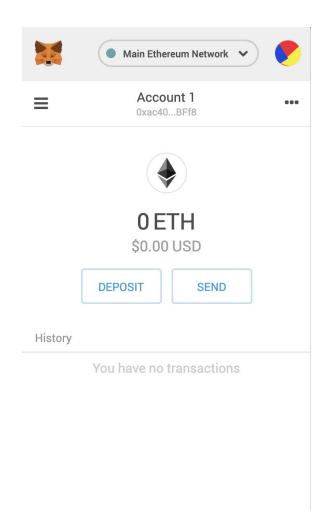


Get Ether from a faucet for Ropsten testnet

1. Login to your wallet and select the Ropsten testnet network



2. Press "Deposit"



3. Press "Get Ether".

Deposit Ether



To interact with decentralized applications using MetaMask, you'll need Ether in your wallet.

Directly Deposit Ether

If you already have some Ether, the quickest way to get Ether in your new wallet by direct deposit.

VIEW ACCOUNT



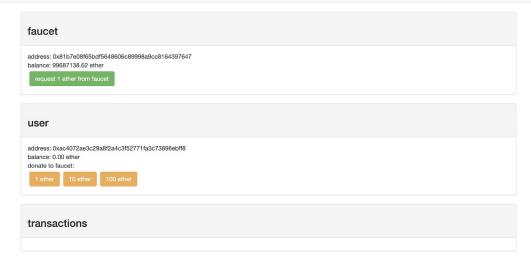
Test Faucet

Get Ether from a faucet for the Ropsten

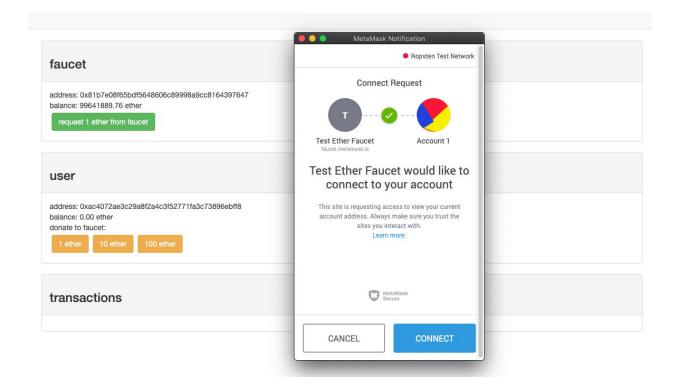
GET ETHER

4. On the page that opened press "request 1 ether from faucet"

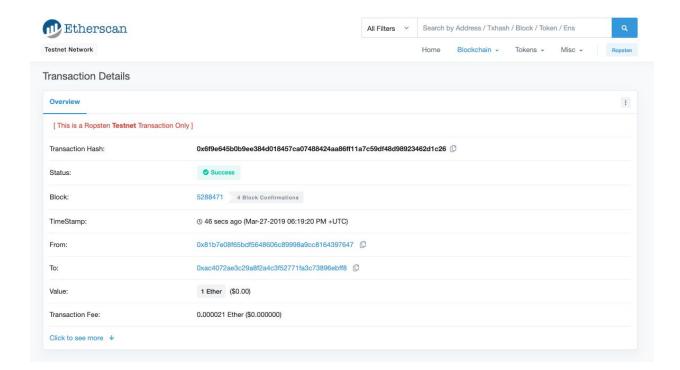
MetaMask Ether Faucet

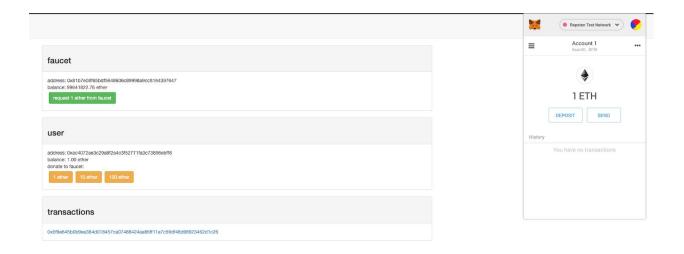


5. Press "Connect"



6. Wait for the transaction to be mined. You can see the transaction details at https://ropsten.etherscan.io/

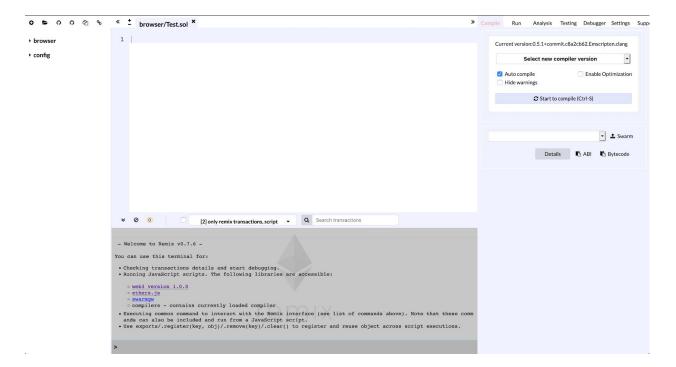




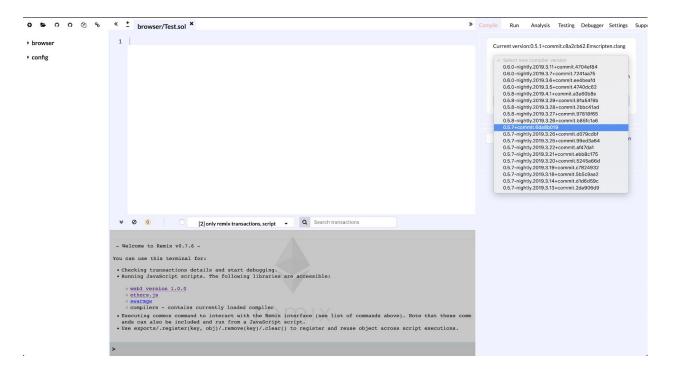
Interacting with Remix

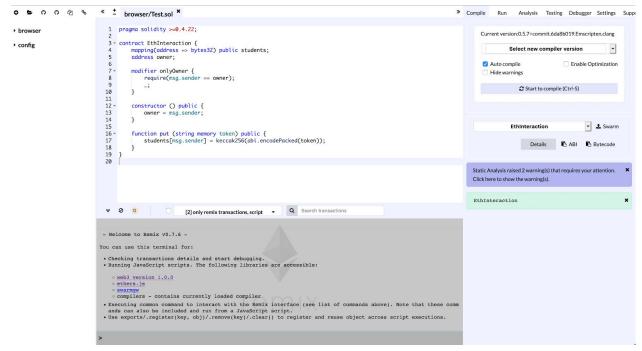
Remix is a browser-based compiler and IDE that enables users to build Ethereum contracts with Solidity language and to debug transactions.

Go to https://remix.ethereum.org. You will see a screen with an editor in the middle and two sidebars, one on the left and one on the right. In the editor you can write Ethereum smart contracts with the use of the Solidity programming language.

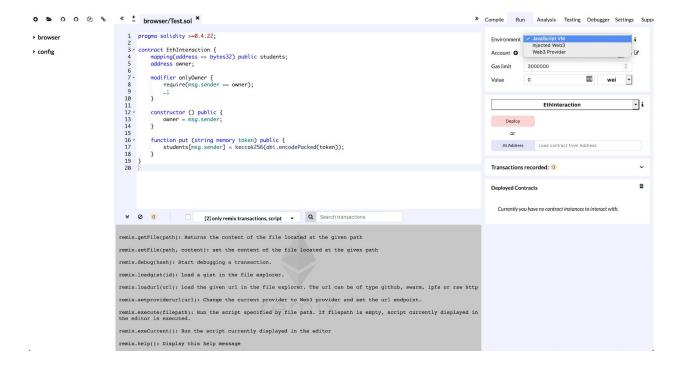


2. Write your contract you want to test and debug in the editor, select the desired compiler version (on the right) and press "Start to compile" (if auto compile is not enabled).

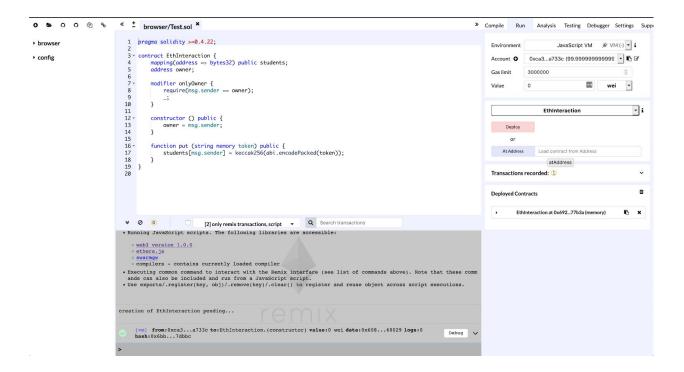




3. On the right sidebar click "Run" and then select "Environment -> JavaScript VM". If you want to interact with a testnet network you must install MetaMask, select your testnet, and then select "Environment -> Injected Web3" from Remix.



4. Click "Deploy". In the output console, above the editor, you should see the transaction details.



5. You are ready to interact with your contract. At the right sidebar, at deployd contracts section, you can see all the functions of the contract. You can call each function, pass parameters and get outputs.

