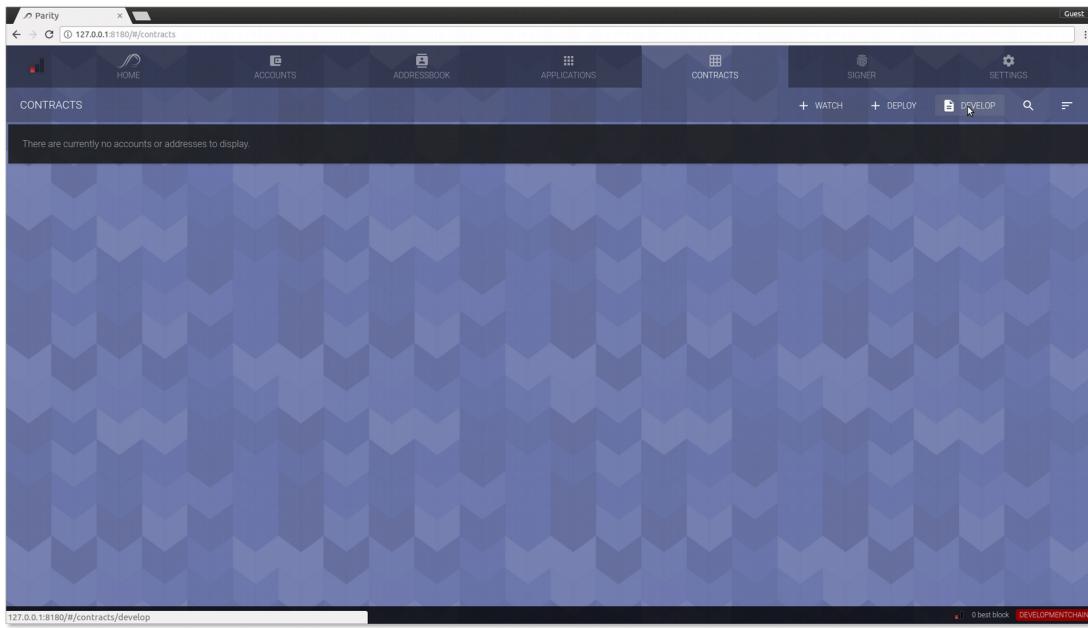


Deploying a Basic Token Contract (Parity)

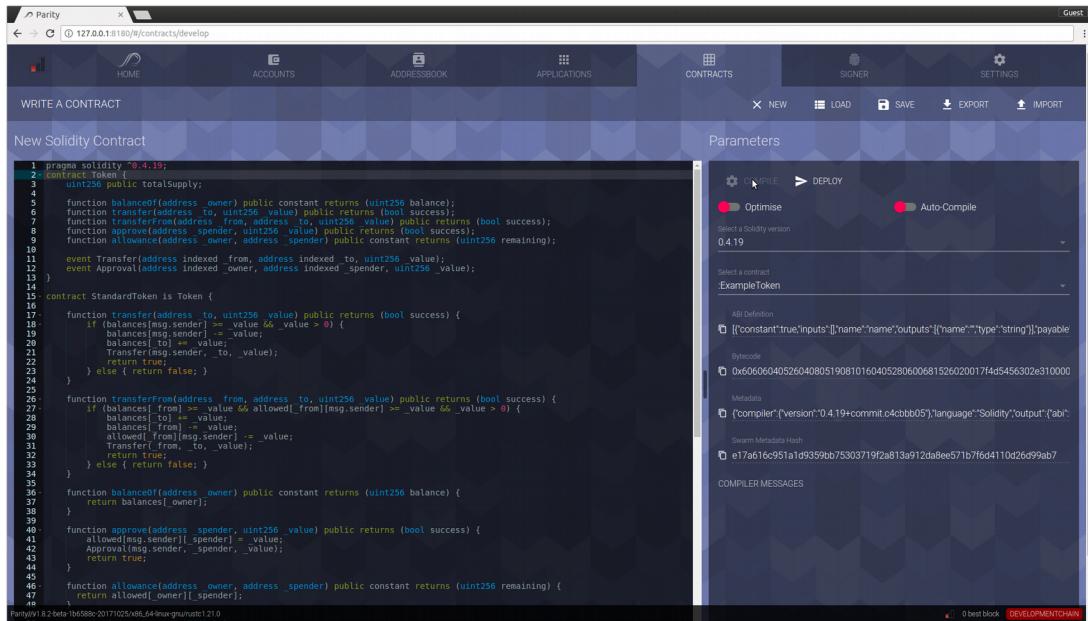
Download Token Code: [ExampleToken.sol](#)

(select the entire text, and copy it to your clipboard; **Ctrl+A** will select all, and **Ctrl+C** will copy)

From the Contracts tab at the top of your Parity window, click Develop.

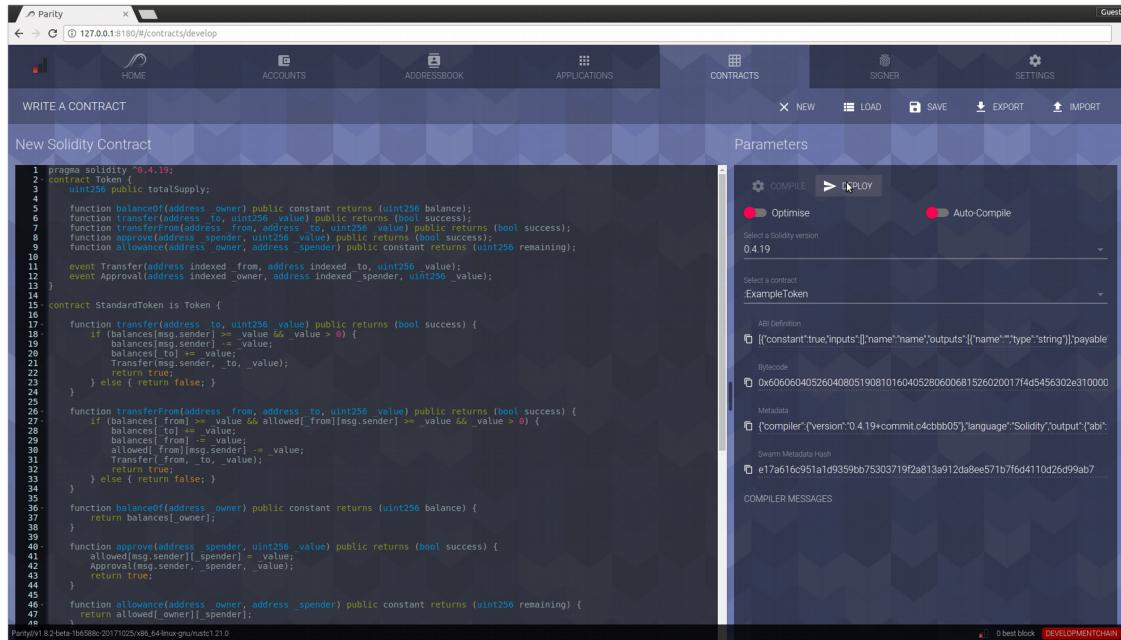


In the New Solidity Contract section on the left half of the screen, paste the ExampleToken.sol code from your clipboard, and then click COMPILE in the Parameters section (on the right).

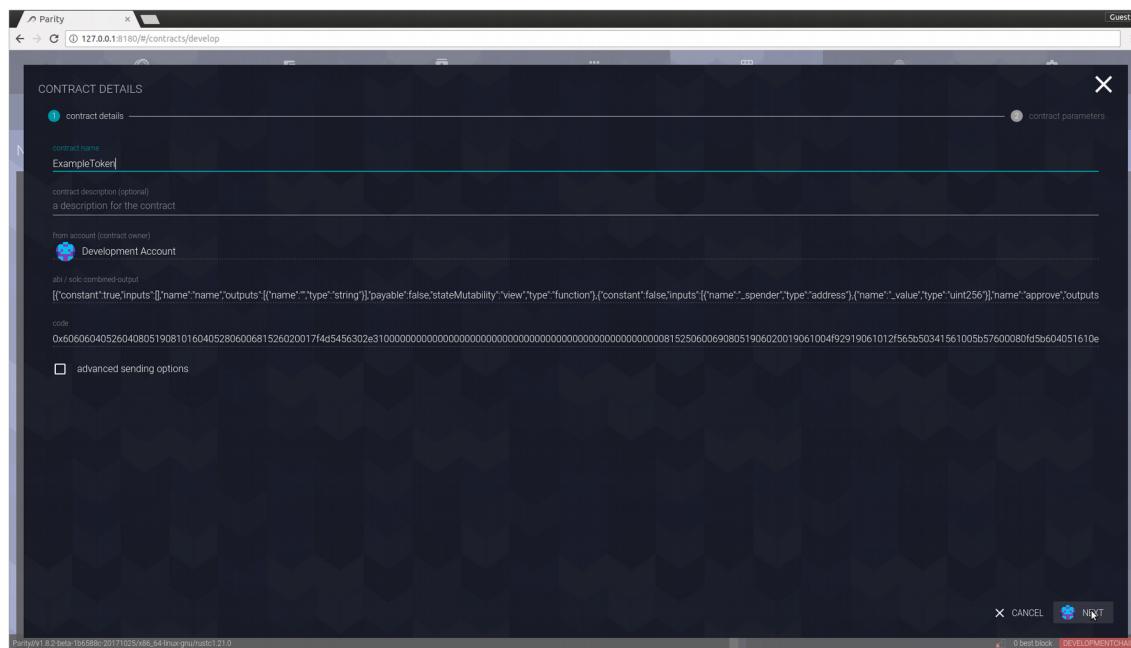


In the “Select a contract” section, make sure “:ExampleToken” is selected. Parity will automatically populate the ABI Definition, Bytecode, and Swarm Metadata Hash sections for you, so you should not have to make any changes after compilation is completed.

Click DEPLOY in the Parameters section (on the right).



In the prompt on the following page, **enter a name in the “contract name” section (e.g. ExampleToken) and make sure that the “from account (contract owner)” section is set to Development Account**. Parity will automatically populate the other sections for you. **Click NEXT.**



In the prompt on the following page, enter the following information:

_initialAmount: uint256: 10000000000000000000000000000000
_tokenName: string: ExampleToken
_decimalUnits: uint8: 18
_tokenSymbol: uint256: XTK

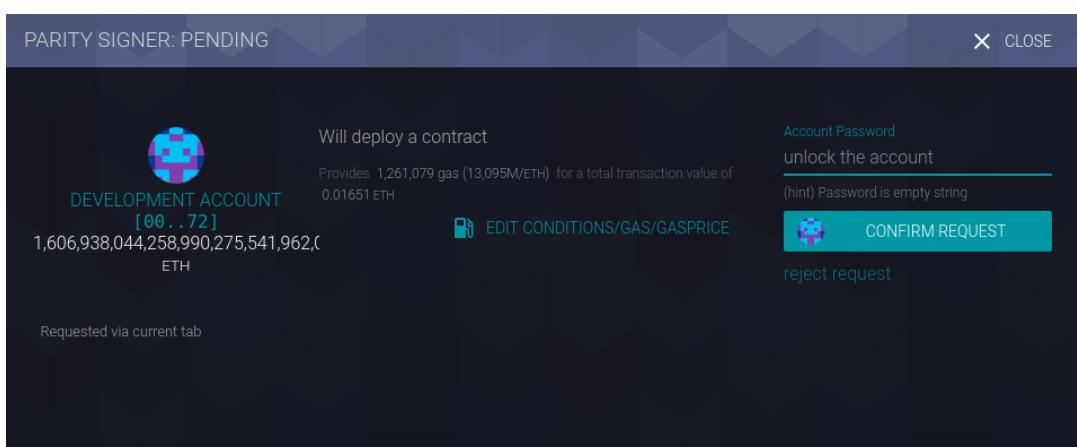
Note: this corresponds to a total supply of 10 million tokens and 18 decimal units (the same number of decimal units that ETH has). You can change any of the values entered on this page if you wish.

Once you have filled in the values you want your token to have, click **CREATE**.



The Development Account has a blank/empty password by default, so you do not need to enter anything into the Account Password field on the prompt that appears in the bottom right of the screen.

Click **CONFIRM REQUEST**.



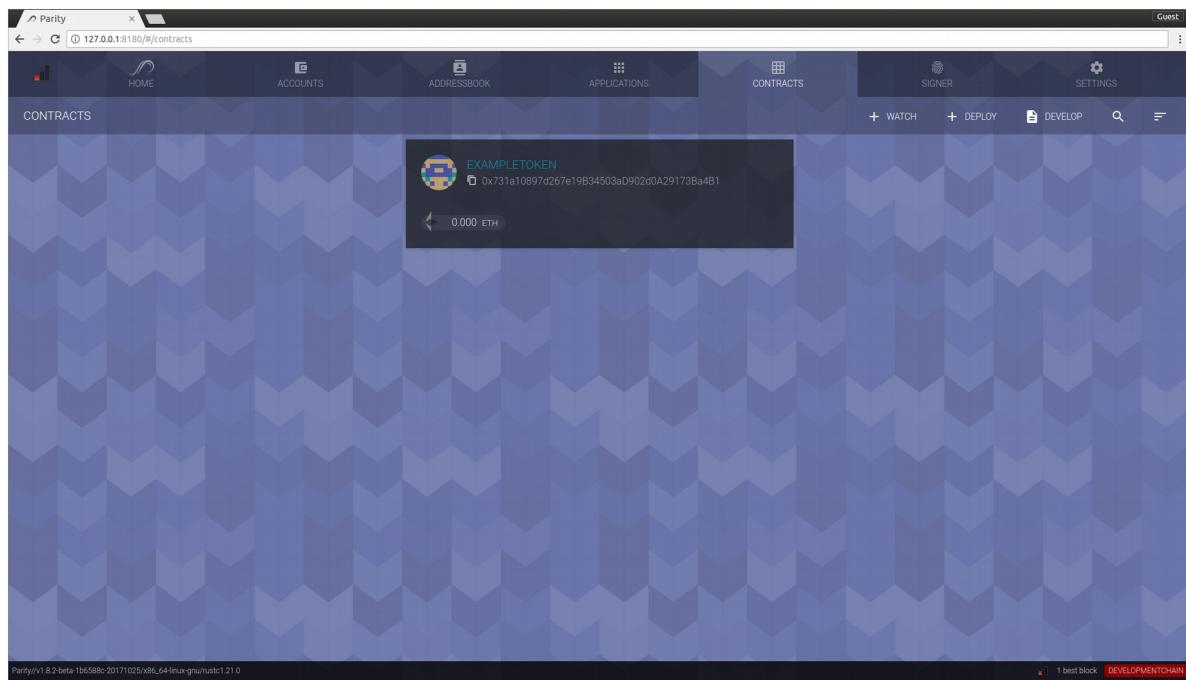
You should see a notification in the bottom right corner of your screen that tells you that your contract has been successfully deployed with 1 confirmation (because Parity automatically mines a block when you deploy a contract), and notifying you of the deployed contract's address.



Note: you can click this notification to make it disappear.

Congratulations! You have now deployed a token contract on your local (private) Ethereum chain!

Click the Contracts tab at the top of the page to see your new token contract.



Note: the ExampleToken's code is configured so that the deploying account (in this example, the default Development Account) is granted control of the entire supply of tokens upon deployment. This means that after following the steps above, your Development Account will have a balance of 10 million tokens, and all other account addresses will have a balance of 0.