



Parity Tutorial for the Status Contribution Period

Disclaimer: We remit the following instructions only as guidance on one ERC20 wallet option for the Contribution Period. Contributors should do their own research and not rely solely on material we are presenting. We make no representations or warranties that the following material is complete or accurate, or that Mist (Ethereum Wallet), Parity, MetaMask, MyEtherWallet (or any associated software or services) will be reliable or function as described. As such, contributors assume all risks associated with the use of Mist (Ethereum Wallet), Parity, MetaMask, MyEtherWallet (or any other ERC20 wallet) in connection with the Contribution Period. For the terms and conditions concerning the Status Contribution Period please visit: <https://contribute.status.im>

Getting started

In this tutorial, you'll learn how to use Parity to automatically send ETH to the contract address at the starting block number for the Contribution Period.

Step 1: Locating the Contribution address

Visit <https://contribute.status.im> click on **Contribute:**

How To Contribute Status Home Whitepaper Twitter Slack Github Reddit

The Status Network Launch

Status is a browser, messenger, and gateway to the decentralized world of Ethereum.

[CONTRIBUTE](#)

Open and Accepting Contributions

0 days 0 hours 0 minutes 0 seconds

Current status Open (Example Only)

SNT Creation rate 10,000 SNT per 1 ETH

Please carefully review these terms. This is an example of the draft, you will need to review the real terms and consult your local jurisdiction regarding ability to participate:

You must read and agree to the following information before you can proceed.

Status Project).

The User furthermore understands and accepts that - as the creation of the SNT as well as the assignment of the execution of the Status Project are smart contract based - the terms and conditions applicable thereon are set forth in the Smart Contract System Code, consisting of three interconnected software codes, existing on the Ethereum blockchain at the address published 24 hours before the start of the Contribution Period on: <https://status.im>.

To the extent the terms contained herein or in any other document or communication contradict to the ones set forth in the Smart Contract System, the terms of the Smart Contract System prevail. Furthermore, neither this document nor any other document or communication may modify or add any additional obligations to Status GmbH or publisher of these terms or developer of the Smart Contract System and/or any other person, Status GmbH and/or affiliates involved with the deployment of the Smart Contract System and the setting up of the Status Project beyond those set forth in the Smart Contract System.

- I hereby confirm that I read and agree to the [Contribution Terms](#) and [Status Whitepaper](#).
- I hereby confirm that I am not a US citizen or resident, nor am I signing on behalf of a US citizen or resident.
- I hereby acknowledge that the Contributions will be used to fulfil the workshop mission.
- I hereby acknowledge that the Contributor does not receive equity in Status Research & Development GmbH.

Enter your full name or initials to digitally sign and agree:

ABC|

Once you've reviewed all the terms, click the **checkboxes** the statements, type your **initials**, and click **Sign & Agree**. A page will be displayed with the contract address:

Step 2 of 2

Send Your Contribution Using ETH

Send ETH to the smart contract address above using Mist, Metamask, imToken, Parity or MyEtherWallet. By sending ETH to the address below, you agree to the [Contribution Terms](#).

ADDRESS WILL BE DISPLAYED HERE

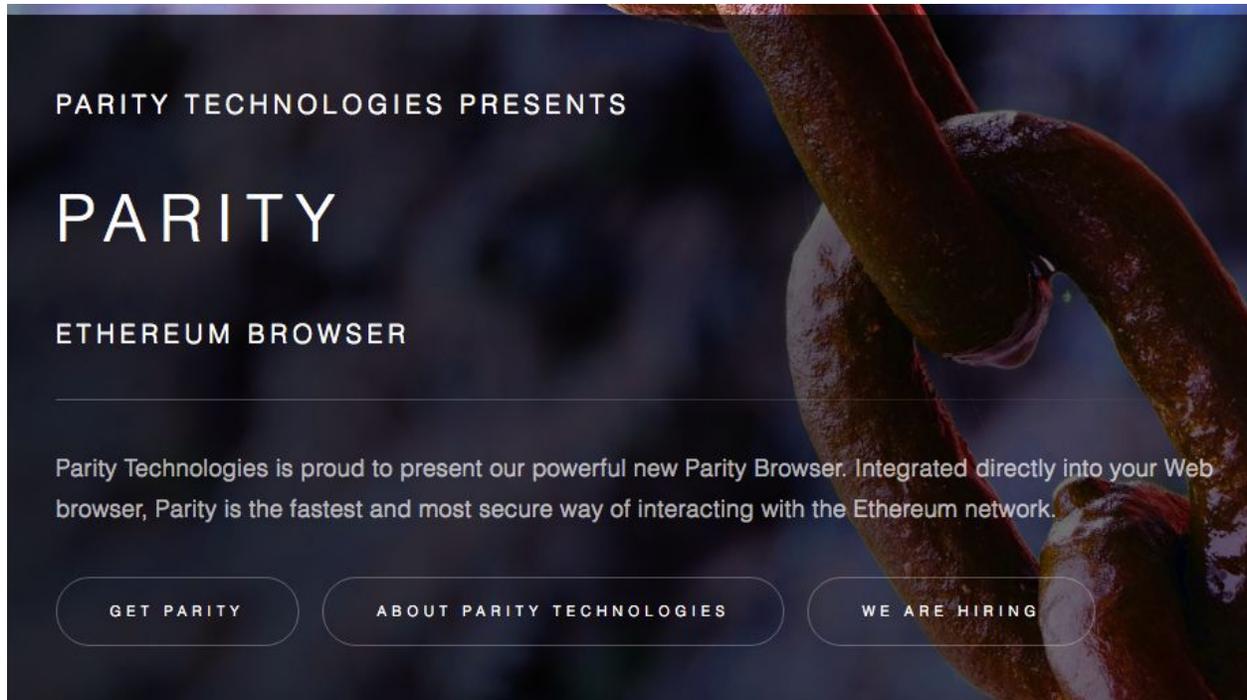
IMPORTANT: DO NOT send ETH from exchanges like Coinbase, Poloniex, Kraken, or use Jaxx. By doing so your ETH may be permanently lost, and the SNT may not be created.

REMEMBER: Your tokens, transactions, wallets and passwords are your responsibility. Protect your keys and passwords, they are unrecoverable. If you lose them someone else may get access to your tokens.

You now have the contract address and starting block number listed on the page.

Step 2: Installing Parity

In a new tab, browse to the official Parity website: <https://parity.io>:



Click **Get Parity**.

Follow the instructions to download and install Parity. On Mac, you can use the simple **one-line installer** highlighted below:

If you're on Mac or Ubuntu, you can just use our simple one-line installer:

```
bash <(curl https://get.parity.io -Lk)
```

This will install and configure the Parity client for you. On Ubuntu this script will also offer to install the Netstats client and connect it to `stats.ethdev.com`. It will ask you for a password as a means of proving your undying desire to join the netstats brotherhood. Get it from some kind soul in [Gitter](#), the [Netstats Skype channel](#) or by consulting your crystal ball. Hint: it begins with `a38e1e5...`.

Ubuntu	OSX	Docker	Windows
 DOWNLOAD	 OPTIONS	 IMAGES	 DOWNLOAD
parity_1.6.8_amd64.deb Checksum: 92ff746bb2d64fab00e64bbcd7b97bfa			InstallParity.exe Checksum: 80b865a677da0418e4aa23a6fc61ea3

Note: You will need **Rust** and **Homebrew** installed, among a few other dependencies. If for any reason you need any more help installing Parity there is a great FAQ on GitHub located here <https://github.com/paritytech/parity/wiki/FAQ>. They have more details in case you need any help getting the dependencies installed first.

Open **Terminal** or **Command Prompt**. Paste the **one-line installer**, and press **Return** on your keyboard. You will see a prompt asking if you're sure you want to install Parity:

```
==> Checking OS dependencies
✓ OS X Version 10.11.6
✓ git
✓ Ruby 2.2.2
✓ Homebrew 1.2.2
Homebrew/homebrew-core (git revision 99f1f; last commit 2017-06-08)

Found all dependencies (4/4)
==> OK, let's install Parity now!
==> Last chance! Sure you want to install this software? [Y/n] y
```

Press **Y** on your keyboard and then press **Return**. Once Parity is installed, you're ready to start syncing the chain.

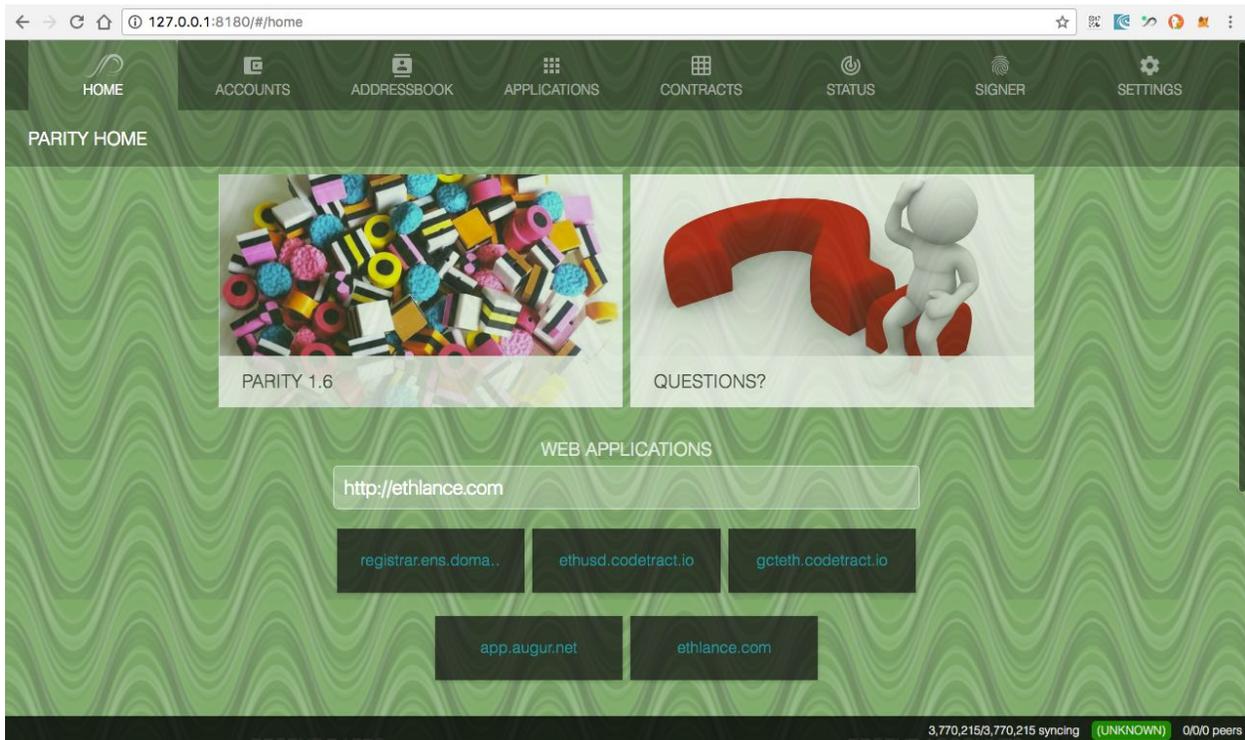
Step 3: Running parity

From a **Terminal** or **Command Prompt** line (unless you're on Windows) run the command, **parity --warp**, to start syncing the chain. This is much quicker than syncing on Mist because it uses CHT syncing. You can expect the chain to be synced within an hour. If done correctly, you should see the chain start syncing here in your Terminal window. If you're running Windows, it should automatically open a browser window.

```
0+ 0 Qed #3770215 0/ 0/25 peers 140 MiB db 90 KiB chain 0 byte
s queue 448 bytes sync RPC: 1 conn, 1 req/s, 301 µs
2017-06-11 16:23:44 Syncing #3770215 ef39...4b2b 0 blk/s 0 tx/s 0 Mgas/s
0+ 0 Qed #3770215 0/ 0/25 peers 140 MiB db 90 KiB chain 0 byte
s queue 448 bytes sync RPC: 1 conn, 0 req/s, 301 µs
2017-06-11 16:23:49 Syncing #3770215 ef39...4b2b 0 blk/s 0 tx/s 0 Mgas/s
0+ 0 Qed #3770215 0/ 0/25 peers 140 MiB db 90 KiB chain 0 byte
s queue 448 bytes sync RPC: 1 conn, 0 req/s, 301 µs
2017-06-11 16:23:54 Syncing #3770215 ef39...4b2b 0 blk/s 0 tx/s 0 Mgas/s
0+ 0 Qed #3770215 0/ 0/25 peers 140 MiB db 90 KiB chain 0 byte
s queue 448 bytes sync RPC: 1 conn, 0 req/s, 301 µs
2017-06-11 16:23:59 Syncing #3770215 ef39...4b2b 0 blk/s 0 tx/s 0 Mgas/s
0+ 0 Qed #3770215 0/ 0/25 peers 140 MiB db 90 KiB chain 0 byte
s queue 448 bytes sync RPC: 1 conn, 0 req/s, 301 µs
2017-06-11 16:24:04 Syncing #3770215 ef39...4b2b 0 blk/s 0 tx/s 0 Mgas/s
0+ 0 Qed #3770215 0/ 0/25 peers 140 MiB db 90 KiB chain 0 byte
s queue 448 bytes sync RPC: 1 conn, 0 req/s, 301 µs
2017-06-11 16:24:09 Syncing #3770215 ef39...4b2b 0 blk/s 0 tx/s 0 Mgas/s
0+ 0 Qed #3770215 0/ 0/25 peers 140 MiB db 90 KiB chain 0 byte
s queue 448 bytes sync RPC: 1 conn, 0 req/s, 301 µs
```

Once you see the chain syncing, you can make an account and prepare a transaction. Open your **web browser**. Chrome works best since Parity has a built-in extension similar to MetaMask.

Navigate to **127.0.0.1:8180**:



Step 4 : Creating a wallet

You will be prompted the first time you open this page with a wizard to setup a wallet. Follow the wizard to create account.

Make sure to use a strong password:

NEW ACCOUNT

✓ welcome — ✓ terms — 3 new account — 4 recovery — 5 completed

account name
MY ACCOUNT

password hint
EASY

password
.....

password (repeat)
.....

password strength

Add another word or two. Uncommon words are better. All-uppercase is almost as easy to guess as all-lowercase

✓ CREATE

Now that you have your wallet, you need to turn on a setting so you can view contracts. The Status Network Token contract will be live on the main network. Navigate to the **Settings** tab and verify that **Contracts** is enabled:

HOME ACCOUNTS ADDRESSBOOK APPLICATIONS CONTRACTS STATUS SIGNER SETTINGS

SETTINGS VIEWS BACKGROUND PROXY PARITY

VIEWS

Manage the available application views, using only the parts of the application that is applicable to you.

Are you an end-user? The defaults are setups for both beginner and advanced users alike.

Are you a developer? Add some features to manage contracts are interact with application deployments.

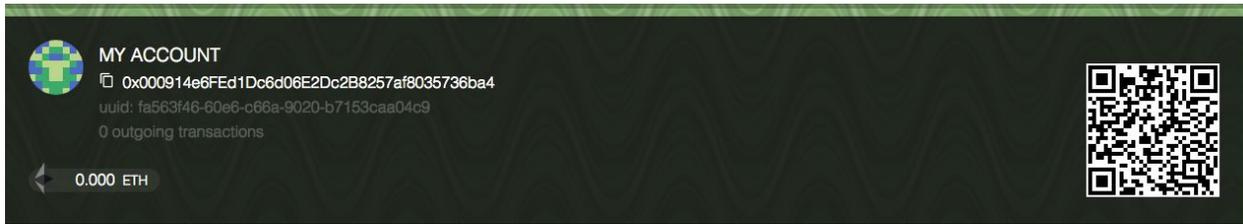
Are you a miner or run a large-scale node? Add the features to give you all the information needed to watch the node operation.

- Accounts
A list of all the accounts associated to and imported into this Parity instance. Send transactions, receive incoming values, manage your balances and fund your accounts.
- Addressbook
A list of all contacts and address book entries that is managed by this Parity instance. Watch accounts and have the details available at the click of a button when transacting.
- Applications
Distributed applications that interact with the underlying network. Add applications, manage you application portfolio and interact with application from around the network.
- Contracts
Watch and interact with specific contracts that have been deployed on the network. This is a more technically-focused environment, specifically for advanced users that understand the inner working of certain contracts.

Step 5: Getting your address

Go back to the **Accounts** tab and open your new **wallet**.

You'll see a screen where you can copy the address:



You can also use the QR code to send ETH from any exchange, or wherever you store your ether. It's worth noting that you can also use the Ledger Nano S hardware wallet with Parity by following these simple instructions: <https://github.com/paritytech/parity/wiki/Ledger-Nano-S>

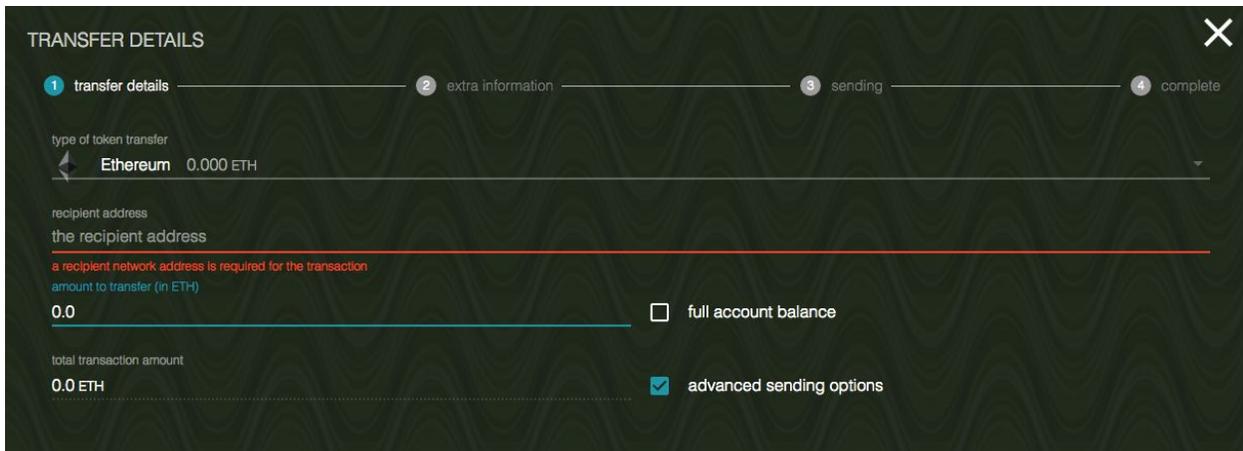
Step 6: Sending the ETH Contribution

Click **Transfer** on the account you want to hold the SNT and send the ether from.

Navigate to your browser tab with <https://contribute.status.im>. 12 hours prior to the contribution period, the **Contract Address** and **Start Block** will be revealed. Copy the **Contract Address**.

Paste the contract address into the **Recipient Address** field.

Ensure **advanced sending options** is **checked**. This will give you the Block Timer utility in the next screen. Fill out the amount of **ether** you want to send in the **amount** field:



Select **Send after BlockNumber**. Fill in the **Transaction send block** with the **block number** provided from <https://contribute.status.im>:

transfer details 2 extra information 3 sending 4 complete

the data to pass through with the transaction

Condition where transaction activates

No conditions Send after BlockNumber Send after Date & Time

Transaction send block
3858225

gas (estimated: 21,000)
21000

price (current: 21,000,000,000)
22606000006

total transaction amount
0.000949452000252 ETH

You can choose the gas price based on the distribution of recent included transaction gas prices. The lower the gas price is, the cheaper the transaction will be. The higher the gas price is, the faster it should get mined by the network.

✕ CANCEL ← BACK 🌐 SEND

Your transaction will automatically be sent when that block is mined.

In the **Gas** field, enter the recommended **200000**. In the **Price** field, enter a maximum of **50000000000**.

IMPORTANT: YOU WILL NEED TO BE RUNNING PARITY AND BE FULLY SYNCED FOR THE AUTO-SENDER TO WORK PROPERLY. IF YOU DO NOT HAVE PARITY RUNNING, THE SEND AFTER BLOCKNUMBER FUNCTION WILL NOT SEND PROPERLY.

Click **Send**.

On the next screen, enter your **Account Password** and click **Confirm Request**:

PARITY SIGNER: PENDING ✕ CLOSE

BAT ACCOUNT CHK2
[32 . . 2c]
1.039 ETH

Will transfer 0.01000 ETH to
Main wallet 1

Provides 21,000 gas (22,606M/ETH) for a total transaction value of
0.00047 ETH, Submission at block #3,858,225

Account Password
unlock the account

CONFIRM REQUEST

reject request

EDIT CONDITIONS/GAS/GASPRICE

Requested via current tab

Step 7: Relax

If the process was successful your ETH will be sent to the contract address at the specified block.

If your transaction is successful, you will be sent SNT. The SNT will not be transferred to the account until 7 days after the end of the Contribution Period.

Where to go from here?

During the Contribution Period, our [Slack](#) will be limited to the **#announcements** channel only. If you have questions, you can ask on [Reddit](#). Also be sure to check our [Twitter](#) account for official updates.

Thanks for participating!