

# Advanced Installation of the Fabcoin Core Wallet

## 高级发币Core钱包安装

(with extra caution to create fresh wallet.dat file)

(创建新的wallet.dat文档时应额外注意)

FAB Foundation  
发链基金会

# Prerequisites

## 要求

*In this example we will show you how to install the wallet on Ubuntu 16.04 OS with extra caution. An additional step in this installation is to check if previous installations of the wallet exist & making sure that the wallet.dat file is recreated so that you can start receiving Fabcoin.*

在这个例子中，我们会为您展示如何额外注意在ubuntu 16.04OS上安装发链钱包。一个额外的步骤在这过程中是：如果之前的钱包安装过，请确保wallet.dat文档被重新创建，这样你可以开始接受发币。

*We assume that the pre-required support packages specific to Ubuntu have been already installed (as given below). 我们假设之前Ubuntu的支持程序包已经被安装好了。（如下）*

```
sudo apt-get update
sudo apt-get upgrade
sudo apt-get install build-essential libtool autotools-dev autoconf pkg-config libssl-dev
sudo apt-get install libboost-all-dev
sudo apt-get install libqt5gui5 libqt5core5 libqt5dbus5 qttools5-dev qttools5-dev-tools libprotobuf-dev protobuf-compiler
sudo apt-get install libqrencode-dev
sudo apt-get install libminiupnpc-dev
sudo add-apt-repository ppa:bitcoin/bitcoin
sudo apt-get update
sudo apt-get install libdb4.8-dev libdb4.8++-dev
sudo apt-get install libevent-dev
sudo apt-get install libsodium-dev
```

Step 1: Download the setup file from <http://fabcoin.pro/runtime.html> (We are taking the example herefor installing on Ubuntu 16.04 OS)

第一步：下载安装稳定从<http://fabcoin.pro/runtime.html>（我们将以安装Ubuntu 16.04OS为例）

Fabcoin Core: Developer documentation - Mozilla Firefox

Fabcoin Core: Developer d... X +

fabcoin.pro/runtime.html

**f** Fabcoin Core 0.15.2  
P2P Digital Currency

Main Page Modules Namespaces Classes Files Runtime Files Search

### Developer documentation

## Fabcoin Core Binary Package

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### Fabcoin windows 10

Download [Fabcoin windows 10 Binary Package](#) with windows full node wallet with CPU mining.

**Fabcoin ubuntu 16.04**

Download [Fabcoin ubuntu16.04 AMD Binary Package](#) ] full node server and GUI wallet with CPU/GPU mining - AMD version.

Download [Fabcoin ubuntu16.04 Nvidia Binary Package](#) ] full node server and GUI wallet with CPU/GPU mining - nvidia version.

Download [Fabcoin ubuntu16.04 Binary Package](#) ] full node server and GUI wallet with CPU/GPU mining - AMD and Nvidia Card together.

### Ubuntu 16.04 Setup

Install Ubuntu 16.04 long term support version .  
<https://www.ubuntu.com/download/desktop>

### Install additional Ubuntu support packages

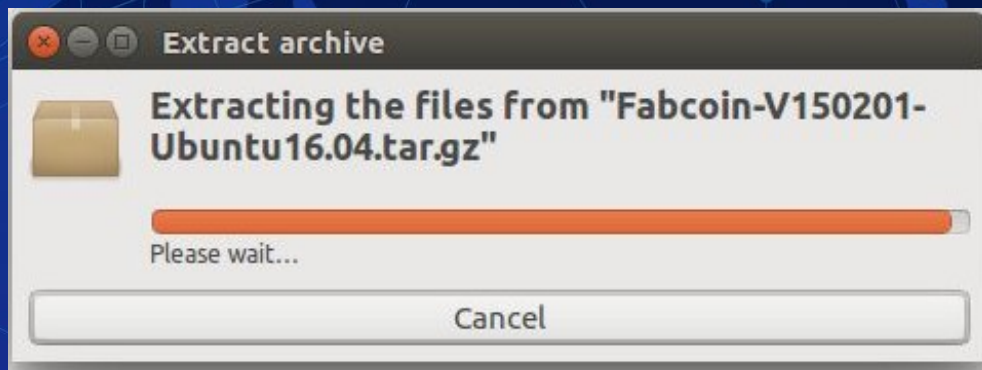
```
fabcoin.pro/en/released/Fabcoin-V150201-Ubuntu16.04.tar.gz
```

Step 2: Once the download is completed, rightclick to extract the file

第二步：一旦下载完成，右击提取文件

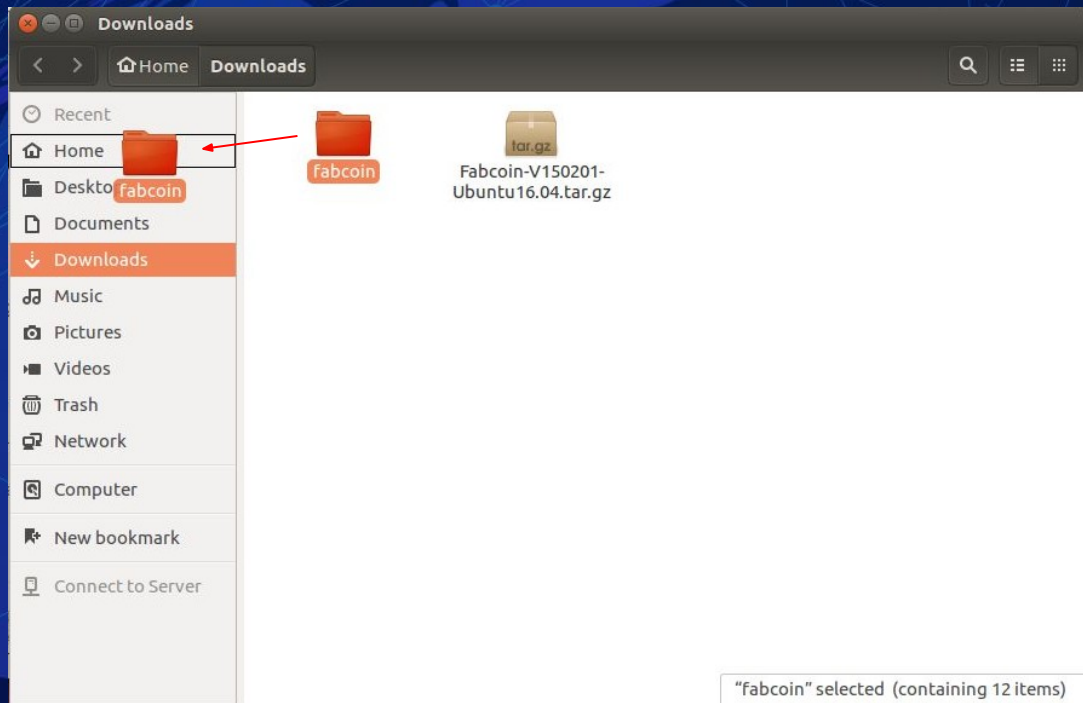
In this example, we have downloaded Fabcoin-V150201-Ubuntu16.04.tar.gz by clicking on Fabcoin Ubuntu16.04 Binary Package

在这个案例中，我们已经下载了Fabcoin-V150201-Ubuntu16.04.tar.gz，通过点击Fabcoin Ubuntu16.04 Binary 程序包。

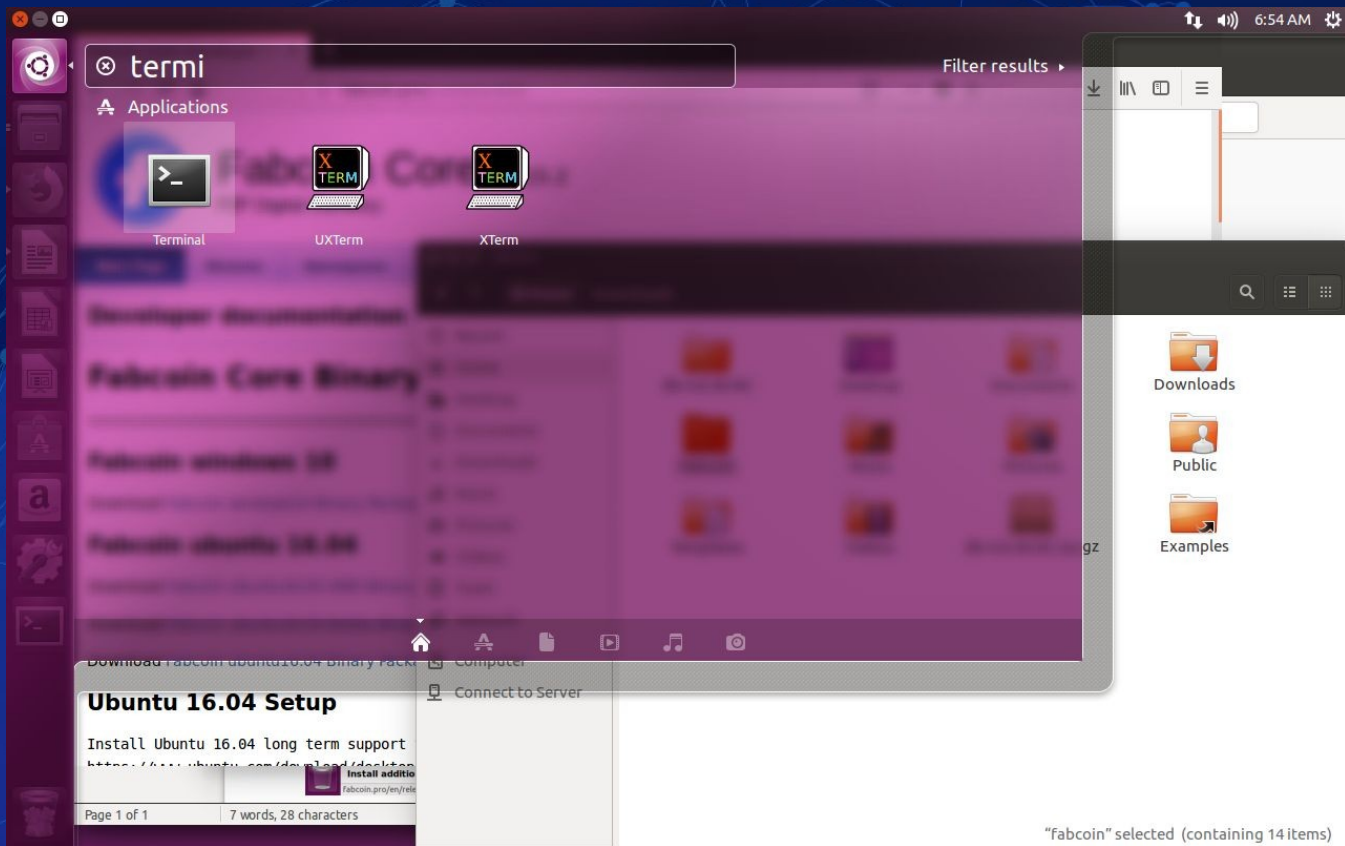


Step 3: After the extraction is complete, drag-and-drop “fabcoin” to HOME in Ubuntu

第三步：文件提取完成后，拖拽fabcoin到Ubuntu主页



# Step 4 : Go to Terminal 第四步: 进入Terminal



# Note注意:

When the Fabcoin wallet runs for the first time, it creates the wallet in your data folder because no such file exists.  
第一次运行发币钱包的时候，它将会在你的数据文档中创建一个新的钱包，因为之前没有存在过。

The Data folder is 数据文档如下:

- In windows:  
`c:/user/yourname/APPDATA/ROAMING/`  
`c:/workspace/fabcoin/data`
- In Ubuntu: `$HOME/.fabcoin`

Testnet data is in “testnet3” folder (under mainnet folder). 测试网数据是 “testnet3” 文档（在Mainnet文档下）

*Please note: Wallet.dat is a very important file as it stores your private key, address book & your transactions. If it is lost you will not be able to recover it. Other files in this folder can be regenerated, but not wallet.dat. On first install it is better to move this file (if already existing) to another folder as a backup for the future if required (OR simply delete it if you are absolutely sure it does not contain any of your Fabcoin). This is in case you have prior installations or are not sure of the source of the file.*

请注意：wallet.dat是非常重要的文档，它存储了你的私钥，地址和交易。一旦丢失你将无法恢复。另一个文档将会创建但不是wallet.dat。第一次建立的时候最好移动到（如已果存在）另一个文档作为备份以便未来使用。（或者直接删除如果你确信里面没有你的发币）。而这种情况你需要提前安装或不确定文档来源。

Step 5 :Check if .fabcoin already exists (in case you previously installed prior versions of the wallet)

第五步：检查如果发币已经存在（以防你之前安装过旧的钱包版本）

Type 键入 `cd $HOME/.fabcoin`

If you get 如果你得到 `No such file or directory`

Then you are good to go & can **skip the next 2 steps** (6 & 7).

然后就可以用了，可以跳过下面两步（6&7）



## Step 6 (optional): Check if .fabcoin folder already exists

### 第六步（可选）：检查发币文档是否已经存在

Type the commands as shown in the screenshot. This will show the contents of the folder. Here in this example we have displayed the contents for “testnet3” folder as well

键入下列命令行。将会显示文档内容。在这个案例中，我们现实的内容为“testnet3”

```
fab@ubuntu: ~/.fabcoin
fab@ubuntu:~$ cd $HOME/.fabcoin
fab@ubuntu:~/.fabcoin$ ls
banlist.dat  chainstate  db.log      fabcoin.conf  mempool.dat  testnet3
blocks       data        debug.log   fee_estimates.dat  peers.dat    wallet.dat
fab@ubuntu:~/.fabcoin$ ls testnet3
banlist.dat  chainstate  debug.log      mempool.dat  wallet.dat
blocks       db.log      fee_estimates.dat  peers.dat
fab@ubuntu:~/.fabcoin$
```

## Note注意:

*There are 3 ways to create a wallet 有三个方式创建钱包:*

- 1. System generated (automatic): This is when the Fabbcoin wallet starts, and no wallet.dat file exists in your data folder, it will create it using a totally random private key.  
系统生成（自动）：这个是当发币钱包开始，没有wallet.dat文档存在于你的数据文档，它将通过完全随机的私钥创建出来。*
- 2. You can import your own wallet.dat to replace the system generated one, by fabcoin application. Or  
你可以导入你自己的wallet.dat代替系统生成的那个，通过发币的应用。*
- 3. You can load your own private key from the Fabcoin RPC command. 或者你可以从发币RPC命令加载你自己的私钥。*

*Please be sure that wallet.dat is created by you, before you start mining or receiving Fabcoin. So create your OWN wallet.dat which we will explain in the coming steps. (Note that the creation happens automatically when the wallet runs)*

*开始挖矿或收发币之前，请确保wallet.dat是你自己创建的。所以要创建你自己的wallet.dat，我们会在下面几个步骤中解释。（当钱包运行时它会是自动生成的）*

Step 7 (optional): Delete everything from the data folders by typing `rm -r *` in Ubuntu terminal:

第七步（可选）：删除数据文档中的所有内容通过键入命令行：  
`rm -r *`在Ubuntu Terminal

WARNING : Deleting these folders can result in losing your Fabcoin (because these folders contain the wallet.dat file). Do not delete it if you have any Fabcoin in it. Preferably copy the wallet.dat file and store it elsewhere if you want a backup.

警告：删除所有的文档将导致你的发币丢失（因为这些文档中可能包含wallet.dat文档）如果你有发币在里面不要删除它。最好能备份wallet.dat文档，存在其他地方。

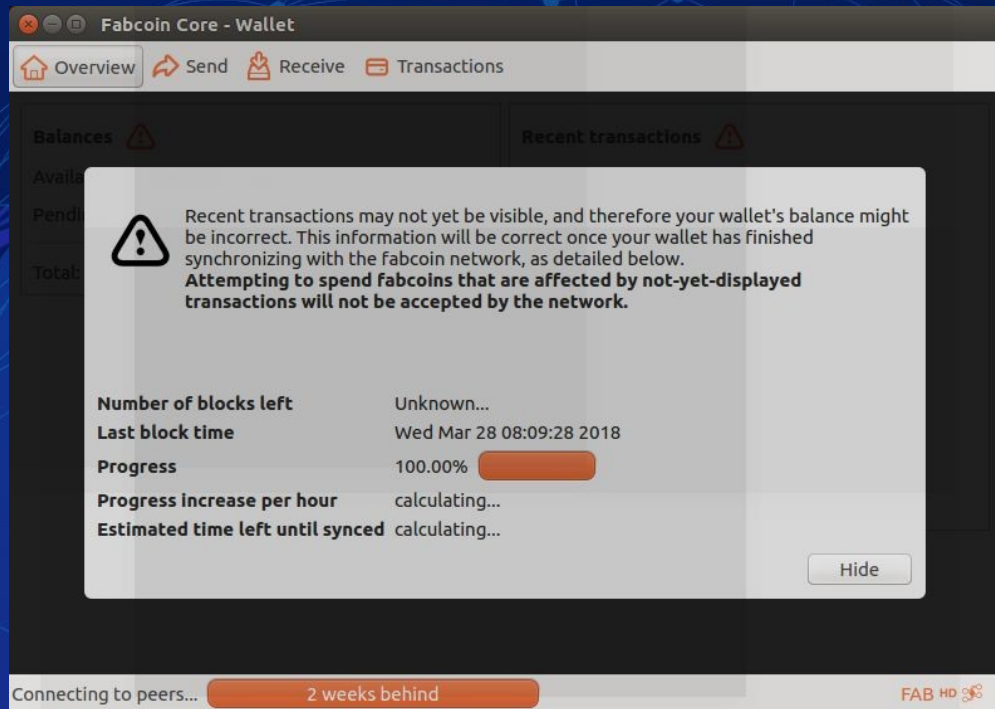
```
fab@ubuntu:~/ .fabcoin$ rm -r *  
fab@ubuntu:~/ .fabcoin$ ls  
fab@ubuntu:~/ .fabcoin$ █
```

Step 8: Run the Fabcoin Core Wallet application by typing the command as shown:

第八步：运行FABCOIN CORE 钱包应用，通过键入下列命令行

```
fab@ubuntu:~$ cd fabcoin  
fab@ubuntu:~/fabcoin$ cd bin  
fab@ubuntu:~/fabcoin/bin$ ./fabcoin-qt
```

Result: The program starts & wallet.dat file is automatically created internally  
结果: 这个软件开始运行, 并且wallet.dat文档将会在内部自动创建。

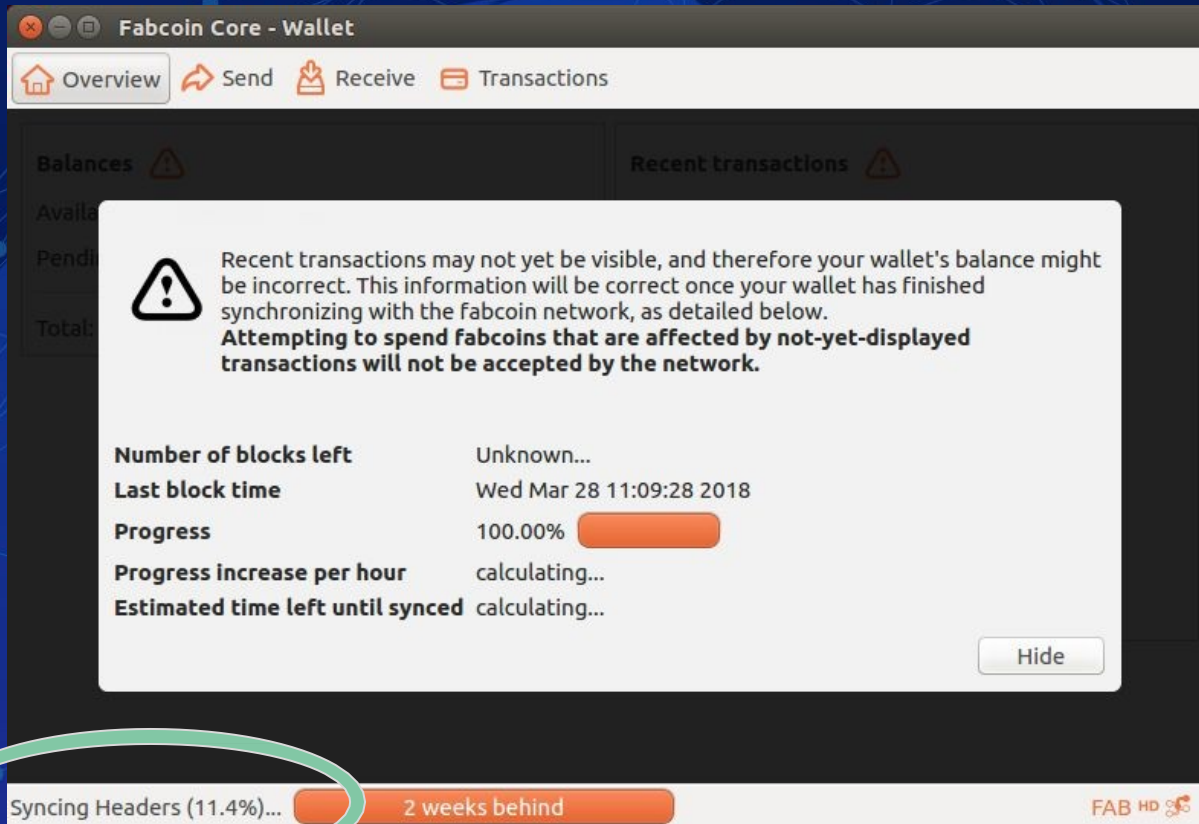


If "Connecting to peers" does not change to "Syncing headers" after some time, depending on your internet connection speed, go to the next step.

如果“链接的节点”一段时间后不改变为Syncing headers”，进入该步骤的速度取决于你的网络速度。

# Step 9 (optional): 第九步: 可选


Instead of `./fabcoin-qt type ./fabcoin-qt -addnode=54.215.244.48` & you will see 'Syncing Headers'  
你会看到“Syncing Headers”而不是 `./fabcoin-qt type ./fabcoin-qt -addnode=54.215.244.48`



The screenshot shows the Fabcoin Core - Wallet application window. The main content area is partially obscured by a white warning dialog box. The dialog box contains a warning icon (a triangle with an exclamation mark) and the following text:

Recent transactions may not yet be visible, and therefore your wallet's balance might be incorrect. This information will be correct once your wallet has finished synchronizing with the fabcoin network, as detailed below.  
**Attempting to spend fabcoins that are affected by not-yet-displayed transactions will not be accepted by the network.**

Below the warning text, there is a table of synchronization progress:

Number of blocks left	Unknown...
Last block time	Wed Mar 28 11:09:28 2018
Progress	100.00% 
Progress increase per hour	calculating...
Estimated time left until synced	calculating...

A "Hide" button is located at the bottom right of the dialog box.

At the bottom of the wallet window, there is a status bar. The text "Syncing Headers (11.4%)..." is circled in green. To its right is a progress bar labeled "2 weeks behind". The Fabcoin logo is visible in the bottom right corner of the status bar.

## Note注意

*Since we have deleted the folders in the previous steps & now started the application , a fresh wallet.dat file & .fabcoin folder is created.*

由于我们已经在之前的步骤中删除了文档，并且现在开始了应用。一个全新的wallet.dat文档和fabcoin文档就被创建出来了。

*This is your own wallet file which you can use for mining, receiving and sending Fabcoin.*

这个是你自己的钱包，你可以用来挖矿接受和发送发币。