

# Achain Wallet User Guide

## Table

1. Notice .....	2
2. Setup and Log in .....	2
3. Account Management .....	4
4. Privatekey Backup.....	6
5. Transfer.....	7
6. Record Inquiry .....	8
7. Contract Development.....	8
8. Configures.....	9

## 1. Notice

Welcome to use Achain Wallet, a digital wallet based on the blockchain technology. It's different and little difficult for newbies to use comparing with traditional online banking client. Please make sure read this guide before use.

The Achain Wallet was built for digital assets management. The privatekey with file format .Gkey is only the certificate to own and transfer your digital assets. Please keep it properly. It is recommended to backup your privatekey to at least two sperated safe places, such as hard-disk cartridge, U disk. Don't tell anyone your privatekey, otherwise the those assests would be stolen. If the key was lost, it's impossible to retrieve, even with the help of Achain technologists.

## 2. Setup and Log in

Access the official website ([www.achain.com](http://www.achain.com)) and download the zip file named Achain Wallet. Unzip file and click the shortcut with Achain icon.

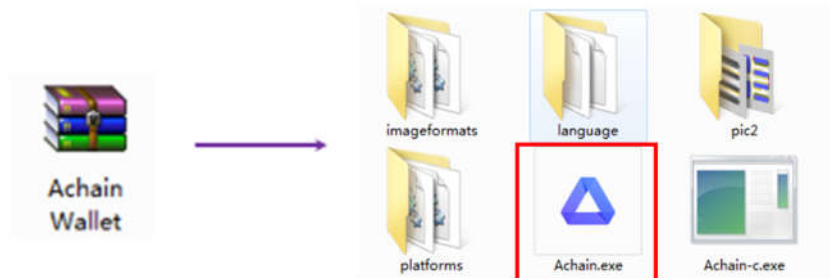


Figure1. Zip file and shortcut

The wallet will recommend a default path for saving local transfer data when used for the first time. The 'choose' button can help to change the default path as you want. **Your local data contains the encrypted infos of accounts, assets and password, don't worry about if the wallet was updated to the new version because the local data can still be available. However, it's necessary to backup your privatekey as it's the last chance for you to recover accounts and assets at anytime, specially in case of disk formatting, Operating System reloading, local data deletion.** Chapter 4 will show more details about backup.

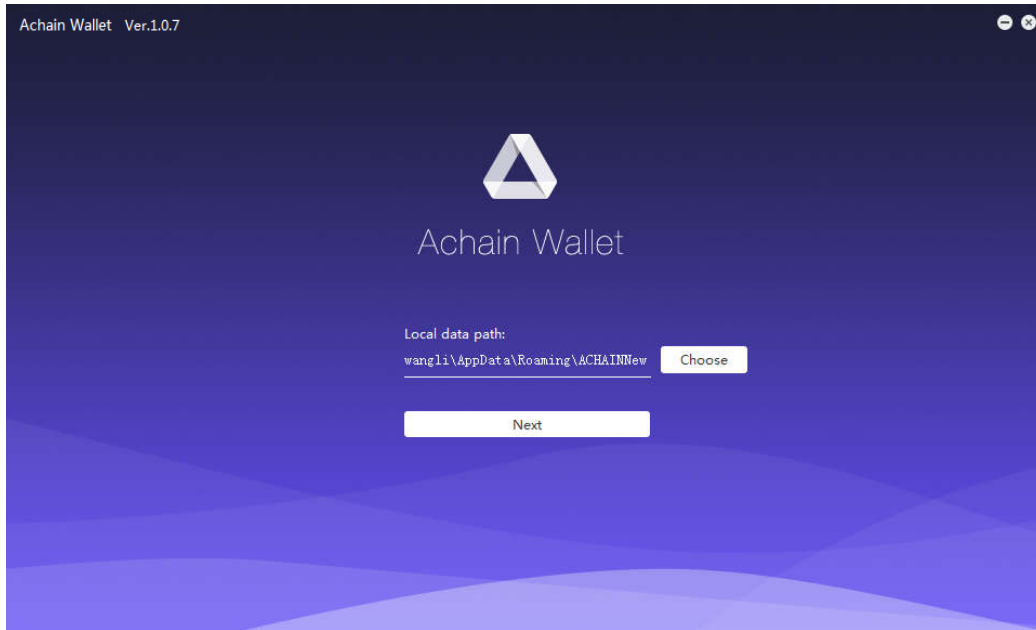


Figure2. Local data path setting

You need to create a new password when you first use, at least 8 characters, preferably mixing digits, letters and other symbols. Then you can access your accounts after password setting up.

**The password will be invariable even if the wallet upgraded to new version, but it should be reset when local data is deleted. We suggest you to record your password and keep it safe.**

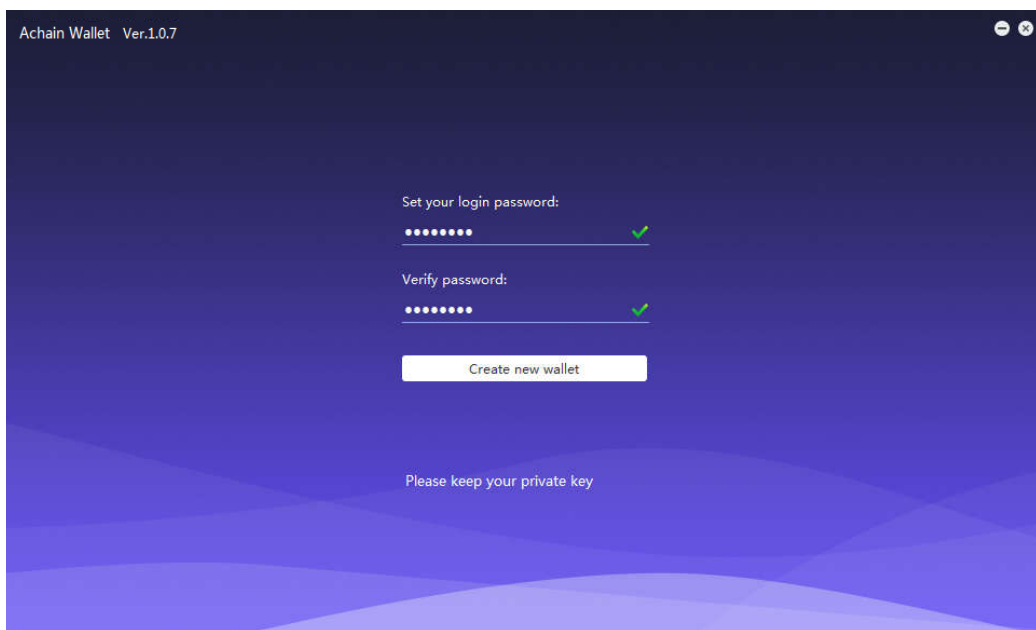


Figure3. First log in

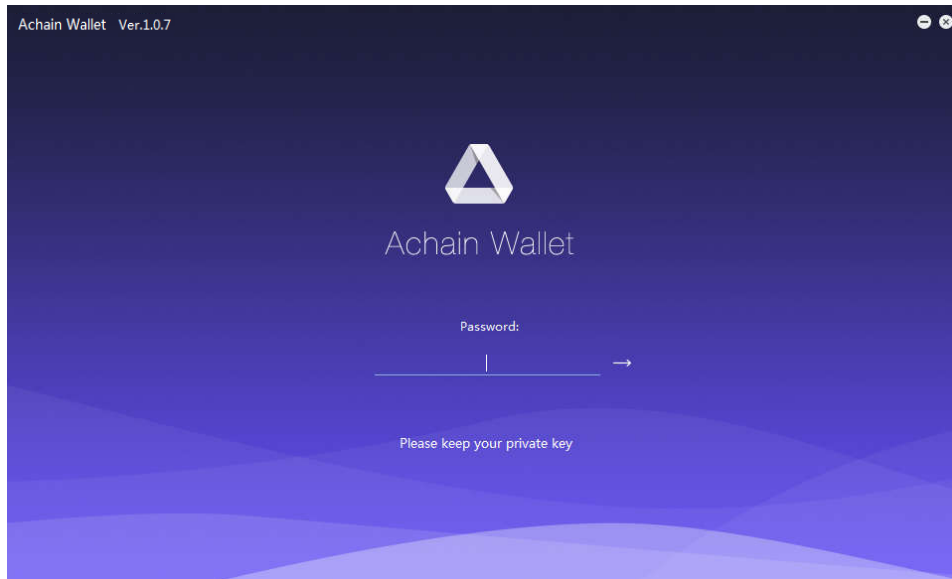


Figure4. Non-first log in

### 3. Account Management

Account is the smallest unit for keeping and transferring digital assets and you can set 50 accounts at most for single wallet. Each account supports kinds of different contract asset released through Achain platform, such as ACT, SMC, LEC and etc. The Achain Wallet can be used anywhere as long as you have the privatekey and import it to wallet on any computers.

For starters, there are 2 ways to add accounts, one is creating a new one directly, another is importing privatekey and adding an existed. No matter how to do it, exclusive name in necessary for account management and Achain Wallet will help you to ensure uniqueness.

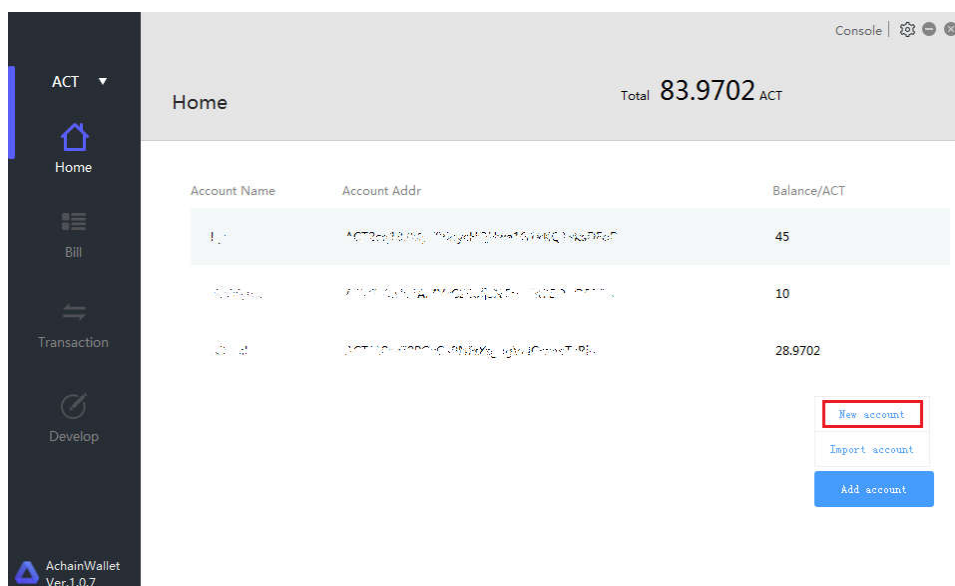


Figure5. Creat new account

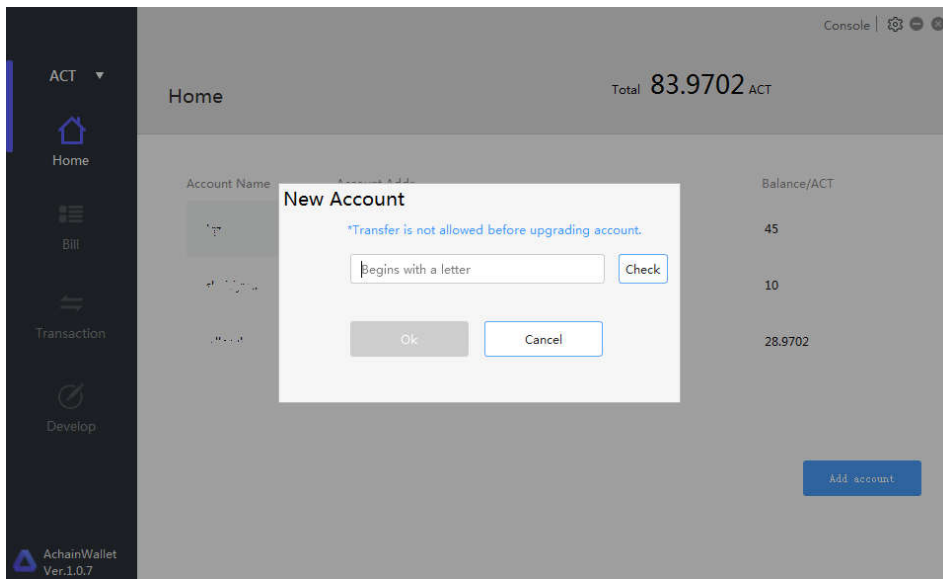


Figure6. Name a new account

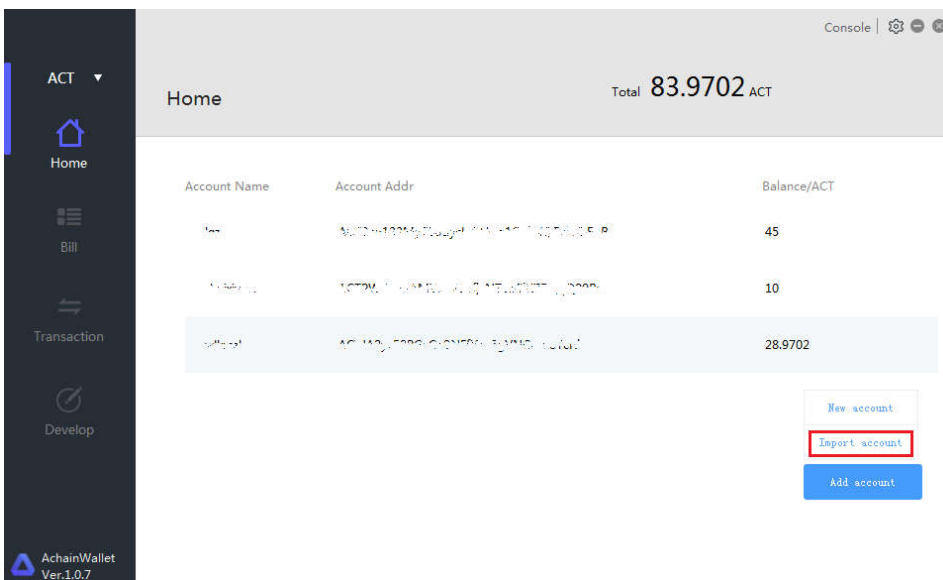


Figure7. Import account

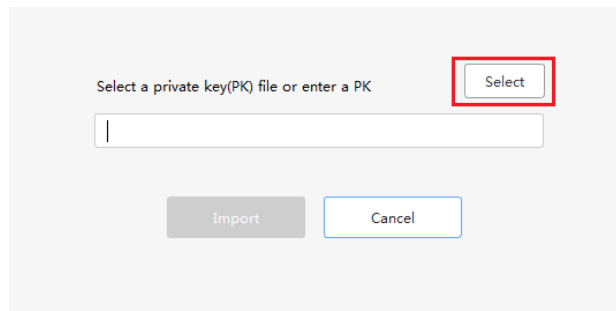


Figure8. Import privatekey from files

After you own personal accounts, you are able to transfer and receive digital assets.

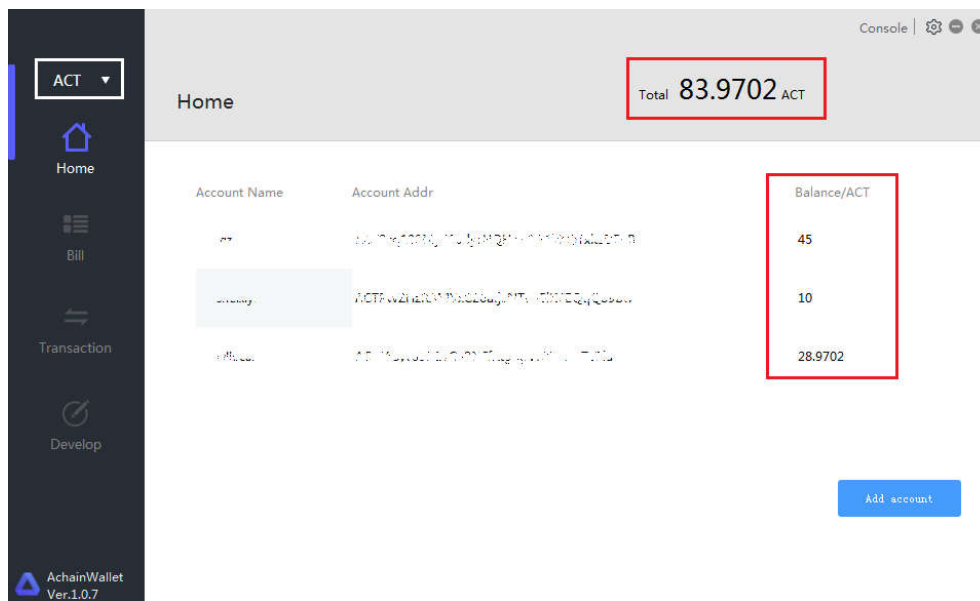


Figure9. Balance inquiry

## 4. Privatekey Backup

Select the account you want to backup on home page. Click 'export' button, choose a folder, name the Gkey file and export, keep it properly at last.

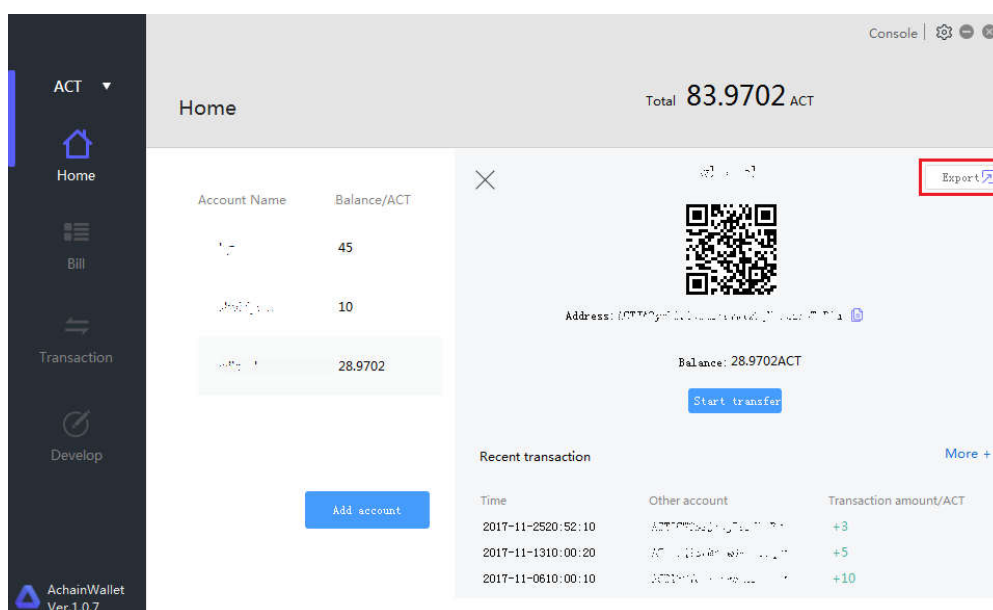


Figure10. Export privatekey

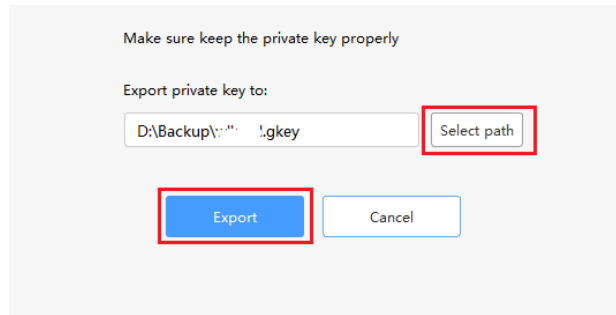


Figure11. Save privatekey

## 5. Transfer

For successful transfer, there are 3 steps to be followed.

Step 1, select a asset category.

Step 2, select an available payment account, make sure it's balance > 0.

Step 3, enter receipt account address beginning with ACT and amount, then click the 'transfer' button after confirmation. By the way, remark is optional.

It is necessary to make sure the receipt account address is correct, otherwise the transactions will be executed but the expected payees can not receive assets with incorrect inputs. The account address is case-sensitive, use copy and paste as more as possible.

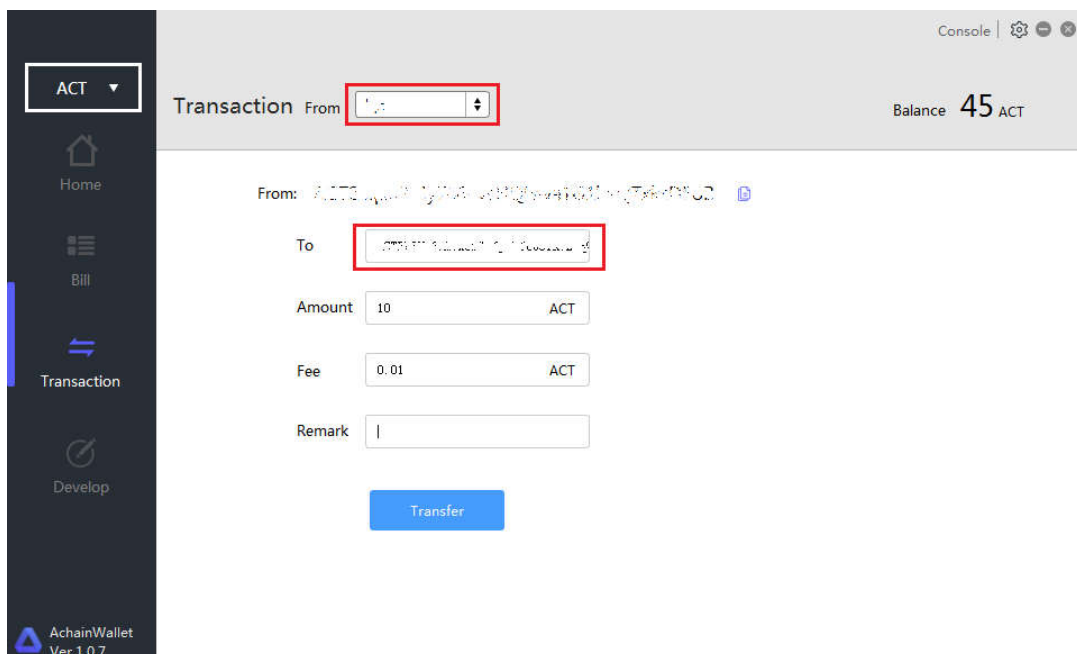


Figure12. Transfer digital assets

## 6. Record Inquiry

Select a asset category and an account, the wallet will list all transfer records.

The screenshot shows the 'Record Inquiry' screen in the AchainWallet application. The interface includes a sidebar with navigation options: ACT, Home, Bill, Transaction, and Develop. The main content area shows the 'Bill' section for a selected account. At the top, it displays 'Bill Current account', 'Address', and 'Balance 28.9702 ACT'. Below this is a table of transfer records with the following columns: Time, Other account, Transaction amount, Fee, Account balance, and Remarks. The records are as follows:

Time	Other account	Transaction amount	Fee	Account balance	Remarks
2017-11-25 20:52:10	[Redacted]	+3	--	28.9702	depoist to [Redacted]
2017-11-13 10:00:20	[Redacted]	+5	--	25.9702	depoist to [Redacted]
2017-11-06 10:00:10	[Redacted]	+10	--	20.9702	depoist to [Redacted]
2017-11-06 10:00:10	[Redacted]	+5	--	10.9702	depoist to [Redacted]
2017-10-13 10:07:00	[Redacted]	+5.9702	--	5.9702	depoist to [Redacted]

At the bottom of the table, there are navigation options: Previous, total 10, 1 / 1, Next. The bottom left corner of the screen shows the AchainWallet logo and version number: Ver.1.0.7.

Figure13. Look up transfer records

## 7. Contract Development

Contract development is currently opened to authorized users only.

The screenshot shows the 'Contract Development' screen in the AchainWallet application. The interface includes a sidebar with navigation options: ACT, Home, Bill, Transaction, and Develop. The main content area shows the 'Home' section. At the top, it displays 'Home' and 'Total 83.9702 ACT'. Below this is a table of accounts with the following columns: Account Name, Account Addr, and Balance/ACT. The records are as follows:

Account Name	Account Addr	Balance/ACT
[Redacted]	[Redacted]	45
[Redacted]	[Redacted]	10
[Redacted]	[Redacted]	28.9702

A modal dialog box is overlaid on the screen, stating 'Open to a few developers' with an 'Ok' button. At the bottom right of the screen, there is an 'Add account' button. The bottom left corner of the screen shows the AchainWallet logo and version number: Ver.1.0.7.

Figure14. Contract development



## 8. Configures

Achain wallet offers 2 languages for global users, English (default) and Simplified Chinese. You can select preferred language in settings.

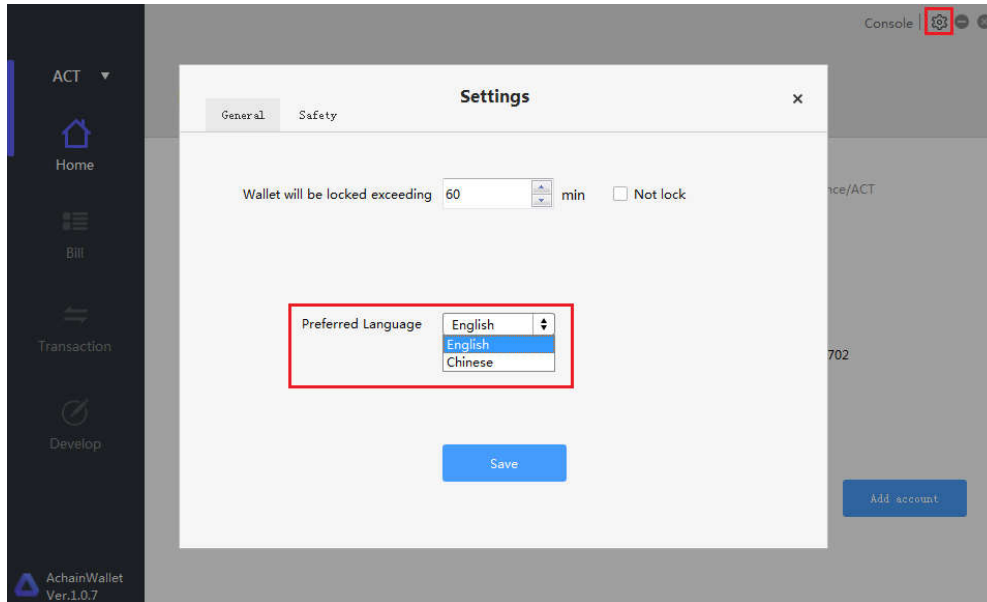


Figure15. Set preferred language

For safety, we strongly recommend you to use auto-lock function. You can set the number of minute to adjust the waiting time for auto-lock.

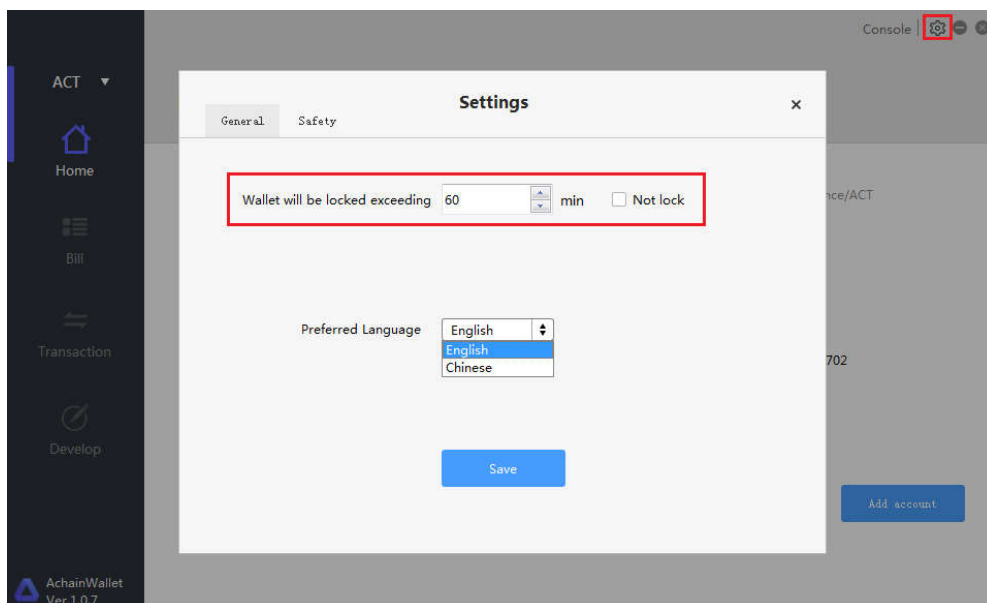


Figure16. Set waiting time for auto-lock