LEOcoin Proof of Stake (PoS) wallet.

Installation guide for Windows and Mac.





This is in 2 parts; Windows then Mac

For Windows users

Please note that LEOcoin-qt, the PoS wallet, downloads and stores the entire history of LEOcoin transactions. Depending on the speed of your computer and network connection, the synchronization process can take from a few hours to several days.

- 1. If you already have a previous LEOcoin Wallet on your computer, then please BACKUP YOUR WALLET before upgrading to the new version. Click on the "File" Menu Tab and choose "Backup Wallet".
- 2. Choose where you want your Wallet file to be saved (.dat) and give it a name.
- 3. Find out your System type, 64-bit or 32-bit.
- 4. Open control panel and choose the System option.

Control Pa	nel > All Control Panel Items >	System	
s Help			
	View basic information	about your computer	
	Windows edition		
	Windows 10 Pro		
	© 2015 Microsoft Corporat	tion. All rights reserved.	WI
ings			
	System		
	Processor:	Intel(R) Core(TM) i7-4700HQ CPU @ 2.40GHz	2.40 GHz
	Installed memory (RAM):	16.0 GB (15.9 GB usable)	
	System type:	64-bit Operating System, x64-based processor	

5. Download Win64 (or Win32) version

> Downloads		~ ⋶	Search Do.
^	Name	Date modified	Size
	🎯 LEOcoin-2.0.0.0-win64-setup.exe	27/06/2016 12:42	9,112 KB





6. Windows 10 security features might not allow the program to run.



7. Click on More info to get the option to 'Run anyway'.



SECURITY !

Microsoft are trying to protect you from malicious programs.

If you clicked on the **Don't run** button, because you weren't sure about it; then you have to go back to your Downloads folder and double-click on the setup program again.

8. Note that even if you choose the 64-bit Windows version it installs in Program Files (x86)

😽 LEOcoin-Qt	-		×
Choose Install Location Choose the folder in which to install LEOcoin-Qt.			V
Setup will install LEOcoin-Qt in the following folder. To install in a differe and select another folder. Click Install to start the installation.	ent folder	, dick Bro	owse
Destination Folder C:\Program Files (x86)\LEOcoin	Brov	vse	
Space required: 19.1MB Space available: 153.9GB			
LEOcoin-Qt	tall	Car	ncel





9. Windows 10 prevents network access by default.

Windows Security Alert × X			×	SECURITY !
🔮 Windo	ws Firewal	ll has blocked some features of this app		Microsoft (and many anti-
Windows Firewall h public and private r	as blocked som networks.	e features of LEOcoin-Qt (OSS GUI client for LEOcoin) on all		virus programs) will
(F)	Name:	LEOcoin-Qt (OSS GUI client for LEOcoin)		recommend that you don't
	Publisher:	LEOcoin		connect unknown
	Path:	C:\program files (x86)\eocoin\eocoin-qt.exe		programs to the internet.
This app is trying to firewall.	o receive inform	ation directly from the Internet, possibly bypassing your		Connecting on private
Allow LEOcoin-Qt (OSS GUI dient f	or LEOcoin) to communicate on these networks:		networks only is the safest
Private network	orks, such as n	ny home or work network		option, which is the
Public netwo because the	rks, such as the se networks of	ose in airports and coffee shops (not recommended ten have little or no security)		default from Microsoft.
What are the risks	of allowing an a	app through a firewall?		Anti-virus programs may
		Allow access Cancel		

Click on Allow Access

10.ONLY if you have encrypted your Wallet, you will need to click on the new checkbox before the wallet starts staking.

Wallet			
Stake:	0.00 LEO		
Unconfirmed:	0.00 LEO		
Number of transactions:	30		
Unlock Wallet for Staking only			

11. This will appear

📵 Info		×
1	Stake minting enabled. If you attempt to send coins or change your password, you will need to re-enable	
	ОК	



.



12.Click on the check box again and stake mining is disabled.

UNLESS you didn't encrypt and lock your wallet, then PoS is running all the time.



13.Program location is C:\Program Files (x86)\LEOcoin Program name does **not** include -64bit like previous version.

→ 👻 🚹 → This PC → OS (C:) → Progra	am Files (>	x86) > LEOcoin		~	ට Search Ll
LEOcoin	^	Name	Date modified	Туре	Size
LEOcoin Wallet		COPYING.txt	21/06/2016 11:51	Text Document	3 KB
🔥 Map Maker		🔊 LEOcoin-Qt website	27/06/2016 12:46	Internet Shortcut	1 KB
MetaGeek		🜔 LEOcoin-qt.exe	21/06/2016 11:46	Application	19,540 KB
Microsoft Analysis Services		🖉 readme.txt	20/06/2016 15:02	Text Document	2 KB
Microsoft ASP.NET		🎯 uninstall.exe	27/06/2016 12:46	Application	61 KB
Microsoft Help Viewer					

14. There is no attempt to remove old versions.

So it is entirely possible that a user's shortcuts (made by the user not the install) could point to the wrong version.





15.If you pinned the previous version to start menu

The previous version is in the start menu, **not** the version you should be using. The new version is in the recent programs list on the left.

The new version is in the recent programs list on the left.

PAul Maskens							
Most used	w	N	×∎	v 🔗	P	0	
WinRAR >	Word 2016	OneNote 2016	Excel 2016	Visio 2013	Publisher 2016	Outlook 2016	Flipboard
SQL Server Installation Center (64							
Recently added	PB	P 2		2	×	AD	Performance
LEOcoin-Qt	Project 2016	2016		Mozilla Firefox	Snipping Tool	Character Map	Monitor
				_	_		
	The second secon	SQL Server Management	Visual Studio 2012	TortoiseSVN Repository	QQ Maps	Google Earth	Ethereum- Wallet
	Notepad++	paint.net	Beyond Compare 4		ReadyCLOUD		LEOcoin Wallet (64bit)

Remove the pinned (old) program and pin the new one.

If you do that before uninstalling the old version (see below) then the uninstall will not leave behind a broken link.

16. There could be two versions in control Panel Programs and Features

```
This is the old version 1.3.0
Icon is LEO Ltd
```

⊜ LEOcoin					LEO Ltd	
LEOcoin-	Qt				LEOcoin Project	>
0	LEO Ltd Product version: Help link:	1.3.0 http://www.leocoin.org	Support link:	http://www.leo	coin.org	

The latest version 2.0.0 has the LEOcoin icon, LEOcoin Project

🕞 LEOcoin				LEO Ltd
LEOcoin-	Qt			LEOcoin Project
<				
ŧ	LEOcoin Project Product version: Help link:	02.00.00.00 http://www.leocoin.org	Support link:	http://www.leocoin.org





17. Uninstall old version.

Right click on LEOcoin LEO Ltd and choose uninstall.



NOTE at this point it's still in the start menu, because there is a 'Delete on reboot' action pending.

But the link should cause an error now.



Clicking on **Yes** will delete the shortcut immediately instead of waiting for a reboot.





18. Finding the wallet

If you have an old installation of the 1.0.0 wallet then you may find it won't sync at all, and you can't use it to back up your wallet.

It is in a <u>hidden</u> folder "AppData\Roaming\LEOcoin" under your username. So you need to change the options in Windows Explorer to see hidden items.



Once you can view hidden items you can cause all kinds of damage - be careful !

Here is the view of what's in the folder. Copy that wallet.dat file to another folder, or a memory stick and keep it safe.

← → · ↑ ISERNAME > A	AppData > Roaming > LEOcoin		
V 🔱 USERNAME	^ Name	Date modified	Size
AppData	peers.dat	05/07/2016 17:17	783 KB
🔰 Local	wallet.dat	05/07/2016 17:17	168 KB
LocalLow	blk0001.dat	05/07/2016 17:17	578,305 KB
Roaming	blkindex.dat	05/07/2016 17:17	563,992 KB
LEOcoin	debug.log	05/07/2016 16:15	406 KB
	lock	05/07/2016 11:49	0 KB
	db.log	05/07/2016 11:49	0 KB
	deleted	05/07/2016 16:20	

Happy Staking





19. If you already have a previous LEOcoin Wallet on your computer, then please BACKUP YOUR WALLET before upgrading to the new version. Click on the "File" Menu Tab and choose "Backup Wallet". Then choose where you want your Wallet file to be saved (.dat) and give it a name.

20. Download the MAC client

It is put in the Downloads folder, and automatically unzipped, and the zip file is moved to the trash.

So all you are likely to see in your dock is this:



21.Open Finder



22. Check the applications folder to see if there is an old version







23. Click on the downloads folder, then drag LEOcoin- to the Applications folder



Enter the administrator Name and Password.

	Applications
Favorites AirDrop All My Files Ciloud Drive Applications	 ⑦ ITunes ⑦ Launchpad ③ LEOcoin-Qt ③ Mail ③ Maps Messages Microsoft Remote Desktop

And there it is, done.

SECURITY !

Apple want to protect you from yourself, so you need to give the Administrator's credentials to move the

24. Now if you click on it to try to run it



It doesn't work, because LEO is not registered with Apple as a developer.

25.Hold down CTRL and click instead



Yes, trust us, Open it.

\bigcirc	You are overriding your security preferences to install an app from an unidentified developer. Type an administrator's name and password to allow this.							
	Username:							
	Password:							
			Cancel	Modify Settings				

SECURITY !

Apple don't know us, we are not registered with them, so the paranoia kicks in.

So you have to override this by forcing it open, and then giving the Administrator's credentials to prove you know what you're doing.





26. Then comes the next security question

	Do you want the application "LEOcoin- Qt.app" to accept incoming network connections?				
	Clicking Deny may limit the application's behavior. This setting can be changed in the Firewall pane of Security & Privacy preferences.				
?	Deny Allow				

The wallet won't work unless you choose Allow.

27. And there it is



SECURITY !

Apple recommend that you don't connect unknown programs to the internet.

In a mastery of understatement "may limit the application's behaviour" means the wallet won't work without

28.If your Wallet is **encrypted**, click on the check box to **Unlock the Wallet for Staking**



There's the confirmation dialog.





29.Recommended options

Options								
M	n Network Window Display							
Optional transaction fee per kB that helps make sure your transactions are processed quickly. Most transactions are 1 kB. Fee 0.01 recommended.								
Pay transaction fee	0.000000 C LEO							
Start LEOcoin o	Start LEOcoin on system login							
Detach databases at shutdown								
	OK Cancel Apply							
	Control repay							

Tick both of the check boxes, and then click OK.

30.Where did it go? How do I get it back?

If you close the Wallet window, the application is still running and available on the dock.

But it doesn't follow the usual UI of reopening the window if you click on it.



Use CTRL and click, then click on Show/Hide and you get the window back.





31. Finding the wallet

If you have an old installation of the 1.0.0 wallet then you may find it won't sync at all, and you can't use it to back up your wallet.

On Mac OSX.

It's in your user Library/Application Support/LEOcoin folder. In Finder, press Cmd + Shift + G then type ~/Library/Application Support/LEOcoin

Here is the view of what's in the folder. Copy that wallet.dat file to another folder, or a memory stick and keep it safe.

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$\langle \rangle$		III 🚟 🗸 🏘 🗸 🛛					Q Search
Favorites	Þ	Desktop	Þ	Accounts	AddressBook	blk0001.dat	
@ 1' D	Þ	Documents	Þ	Address Book Plug-Ins	App Store	blkindex.dat	
(in AirDrop	Þ	Downloads		Application Support	CallHistoryDB	database	Þ
All My Files	•	Library	Þ	Assistants	CallHistoryTransactions	db.log	
Cloud Drive		Movies	Þ	📄 Audio	CloudDocs	debug.log	
		Music	Þ	Caches	com.apple.sharedfilelist	peers.dat	
Applications		Pictures	Þ	Calendars	com.apple.TCC	wallet.dat	
Deskton		Public	Þ	ColorPickers	CrashReporter	Þ	
Desktop				Colors	Dock	b l	
Documents				com.apple.nsurlsessiond	LEOcoin	b .	
O Downloads				Compositions	Preview	b .	
0.0000				Containers	Quick Look	+	
Devices				Cookies	Skype	Þ	

Happy Staking