DIMECOIN

GPU and CPU Mining with AikaPool – Manual
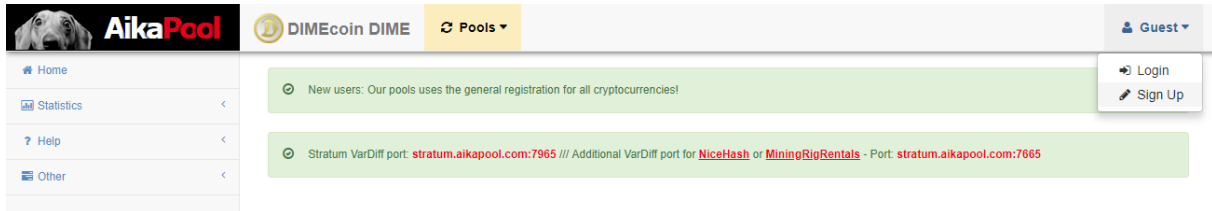
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Telegram support group: https://t.me/DimecoinMining

Dimecoin Mining with AikaPool

A. Registration and Login at AikaPool

1. At first visit the AikaPool Website: https://aikapool.com/dime/index.php
2. Click on the "**Guest**" menu on the top right and Select "**Sign Up**"

3. Enter a "**Username**", a **strong password**, **retype the password**, enter a **valid e-mail address**, **retype the e-mail address** and choose a **4 digit pin**. *We suggest you to save the password and the pin in a safe place*. For example, use the **KeePass 2 password manager**: https://keepass.info/
4. **Check** the "**I Accept the Terms and Conditions**" checkbox and click on "**Register**" That's it.
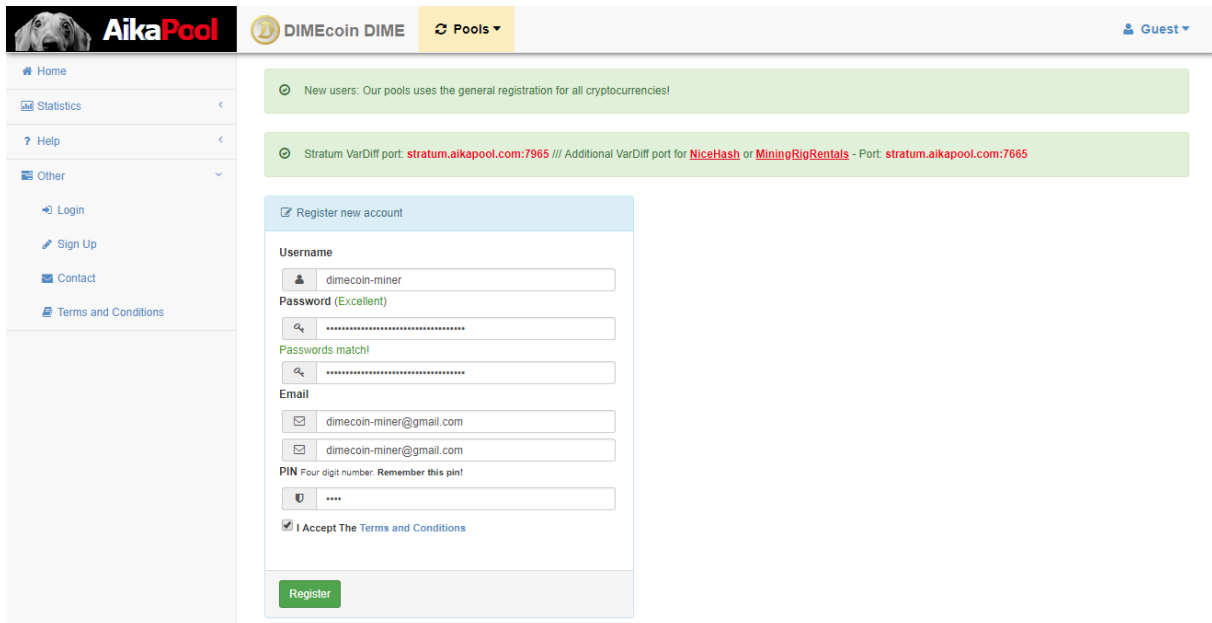
5. Click on the "**Guest**" menu again and after that on "**Login**"
6. In the following window, please enter your e-mail address and your password and click on "**Login**". Registration and Login are now finished. Now let's head on to the *AikaPool Configuration*.
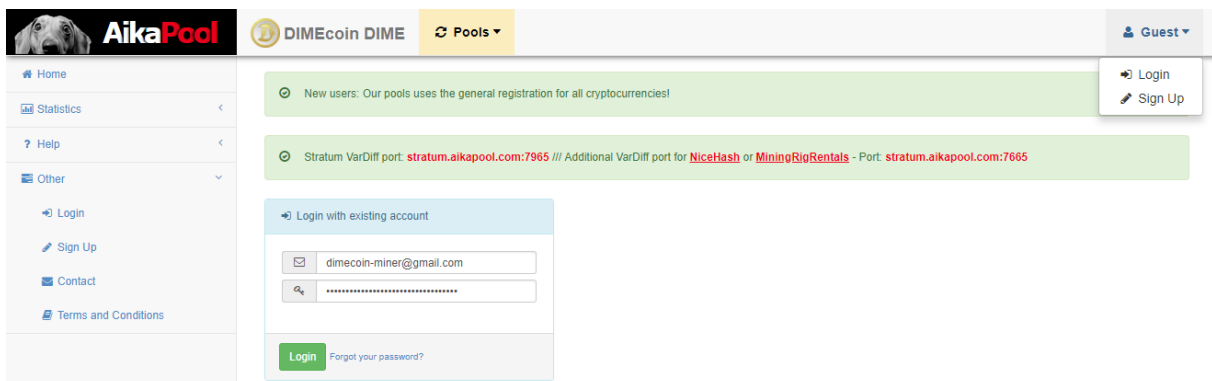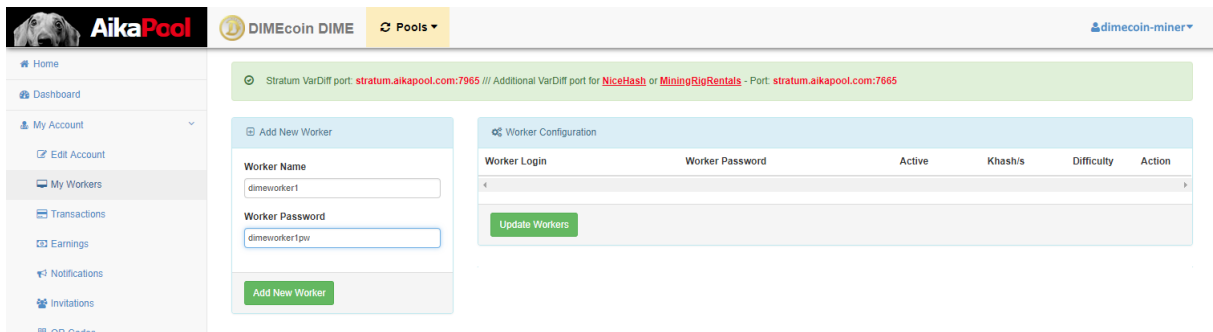
B. AikaPool Configuration

1. After you are logged into your AikaPool account, click on "**My Account**" on the left sidebar menu, after that click on "**Edit Account**"

2. When the new page is loaded, please choose your local "**Timezone**" and enter your Dimecoin "**Payment Address**" into the corresponding field. We suggest you to *create a new payment address* inside your wallet and name it "*AikaPool Mining*" or "*aikapool*" or similar. You can find any officially available wallets here: https://www.dimecoin.com.co/wallet/

3. As a "**Donation Percentage**", please choose an amount between *0.30% and 100%* of your mining income to donate to AikaPool, to help them run their system and to compensate them for maintenance and server costs.

4. Enter the "**Automatic Payout Threshold**". This is how many Dimecoins you have mined before you get your automated payout to your own Dimecoin wallet address. You can choose an amount between *10.000 and 250.000 Dime* (a manual, partial withdrawal of your mined Dimes is always possible under the "**Cash Out**" heading).
We suggest you set the "**Anonymous Account**" setting to "**ON**", now please enter the "4 Digit PIN" you created in the registration process and click on "**Update Account**". That's all, now head on to the *Worker Configuration*.

C. AikaPool Worker Configuration

1. To create a worker, click on "**My Account**" in the left sidebar, then click on "**My Workers**".

2. When the new page is fully loaded, enter a "**Worker Name**" like "*dimeworker1*" or similar and a "**Worker Password**" like "*dimeworker1pw*" under the "**Add New Worker**" heading and click on the "**Add New Worker**" button and that's it.
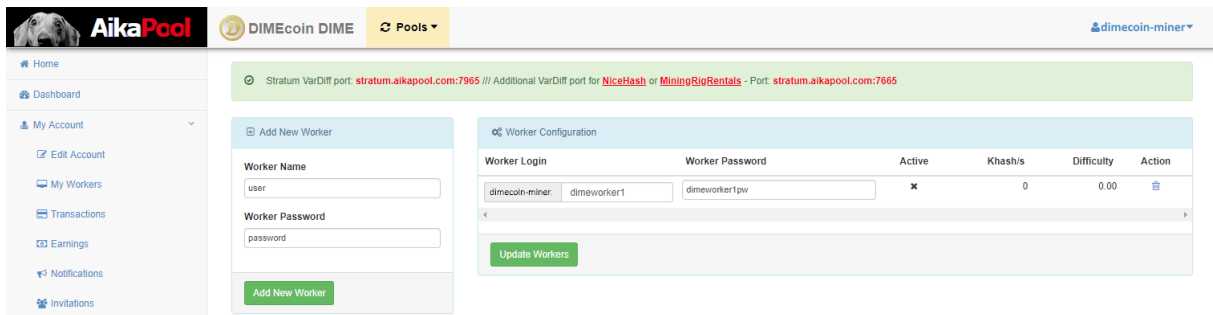

3. The workers page should now look like this:

4. You are now ready to use your worker with a *mining software* to mine your own Dimecoins. **Congratulations**.

In the next step we will take a closer look at some current *mining software*.

D. CPU Mining with CPUMiner Multi with Intel-CPU's and 64-Bit Windows

1. For getting started with the CPUMiner Multi, please visit the following download website:
   https://github.com/tpruvot/cpuminer-multi/releases
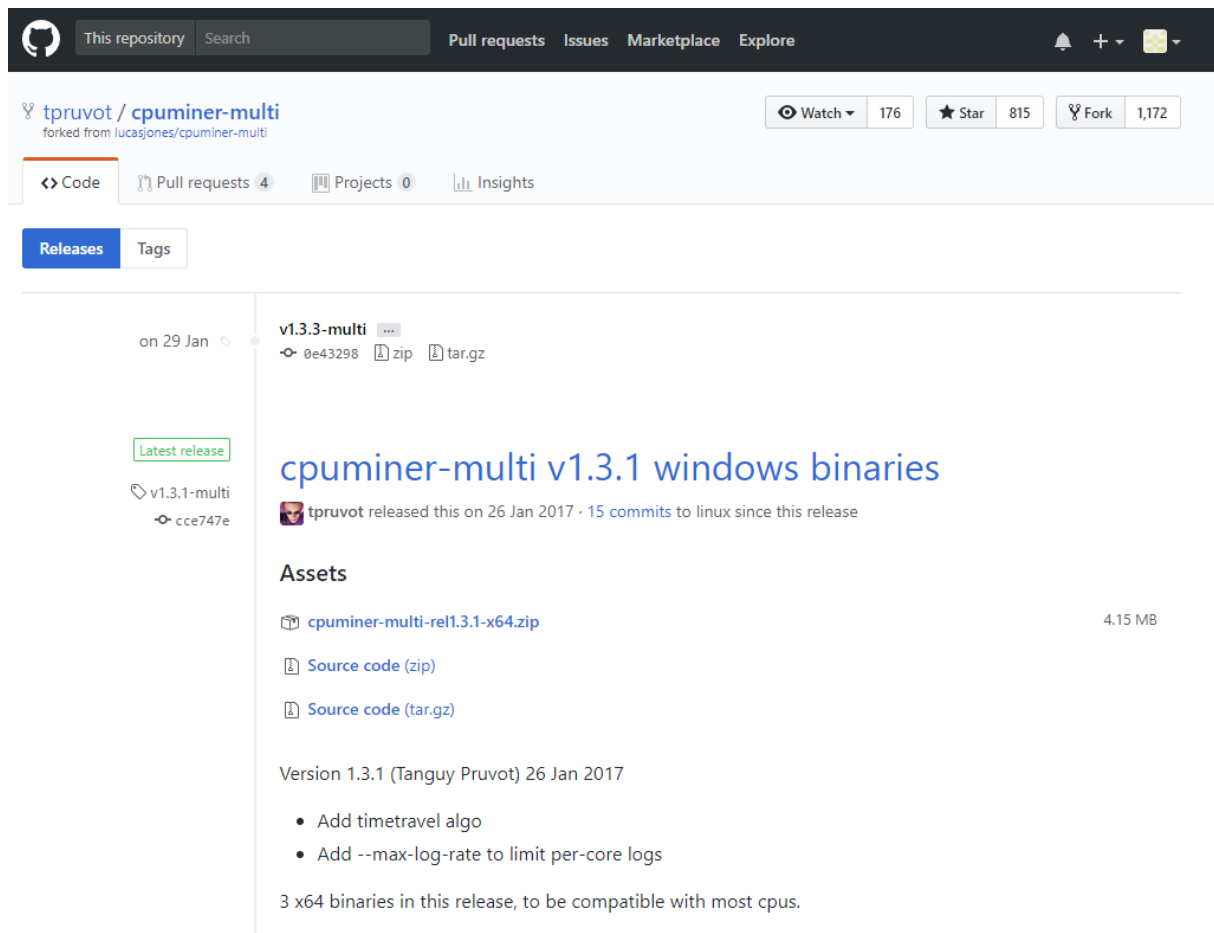
2. The version of CPUMiner Multi shown in this manual, could be outdated, please choose the "*Latest release*". To download the software, click on "**cpuminer-multi-relx.x.x-x64.zip**".
   Note: This will only run on 64 bit computers running a 64bit version of Windows.

3. You can use the built-in zip and extracting capabilities in Windows to unzip this file (right click on the file to see these options) or you can use a zip software program such as 7-Zip, to do this job: https://www.7-zip.org/

4. Move the unzipped folder (cut and paste the folder or just copy it) to your desired location on your Windows computer, for example to the "**Desktop**" or create a Desktop folder with the name "**Dimecoin_Mining**" and place the unzipped folder inside that folder.

5. Now open the new folder location that contains the unzipped folder.
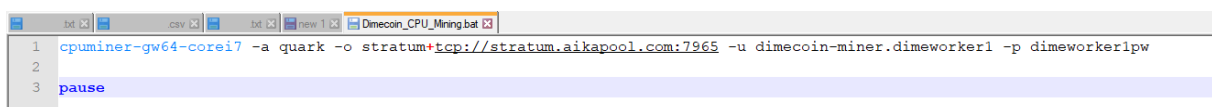
Dimecoin Mining with AikaPool
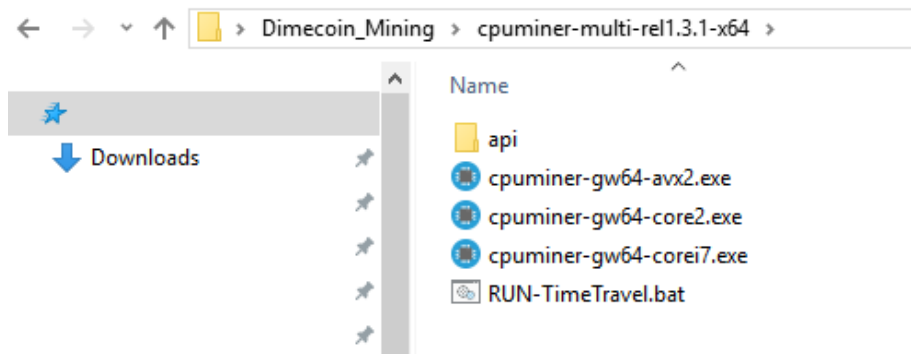
6. Create a new text file inside this folder and rename it to "**Dimecoin_CPU_Mining.bat**" for example, it is important to use the "**.bat**" file extension, but the file name is not important.

7. Now create a Windows file shortcut of the file named "**Dimecoin_CPU_Mining.bat**" from our example (*right click on the "**.bat**" file you made and then click on "**Create Shortcut**"*).
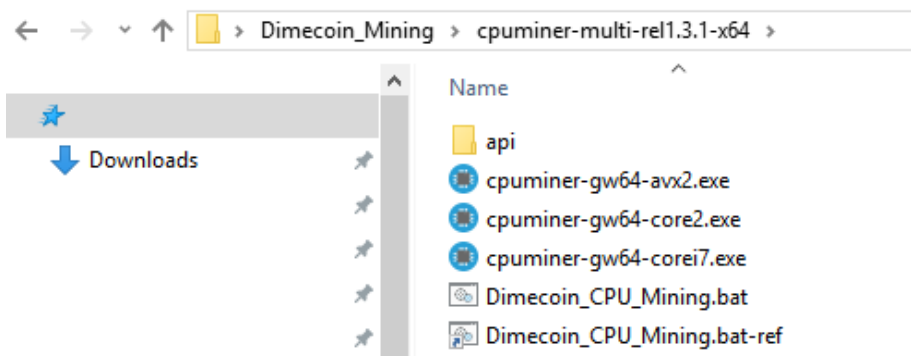
8. Edit the file "**Dimecoin_CPU_Mining.bat**" with your desired text editor such as Windows Notepad by *right clicking on the .bat file* and choosing "**Edit**", we suggest **Notepad++** if you need a better text editor: https://notepad-plus-plus.org/

9. Copy the following text into the text editor window:

```
cpuminer-gw64-corei7 -a quark -o stratum+tcp://stratum.aikapool.com:7965 -u dimecoin-miner.dimeworker1 -p dimeworker1pw

pause
```

Please do not forget to change our example username "**dimecoin-miner**" to your own username from the AikaPool Registration and our example worker name "**dimeworker1**" and password "**dimeworker1pw**" to your own worker name and worker password (*dimecoin-miner.dimeworker1 = YourUserName.YourWorkerName / dimeworker1pw = YourPassword*) and save the file.
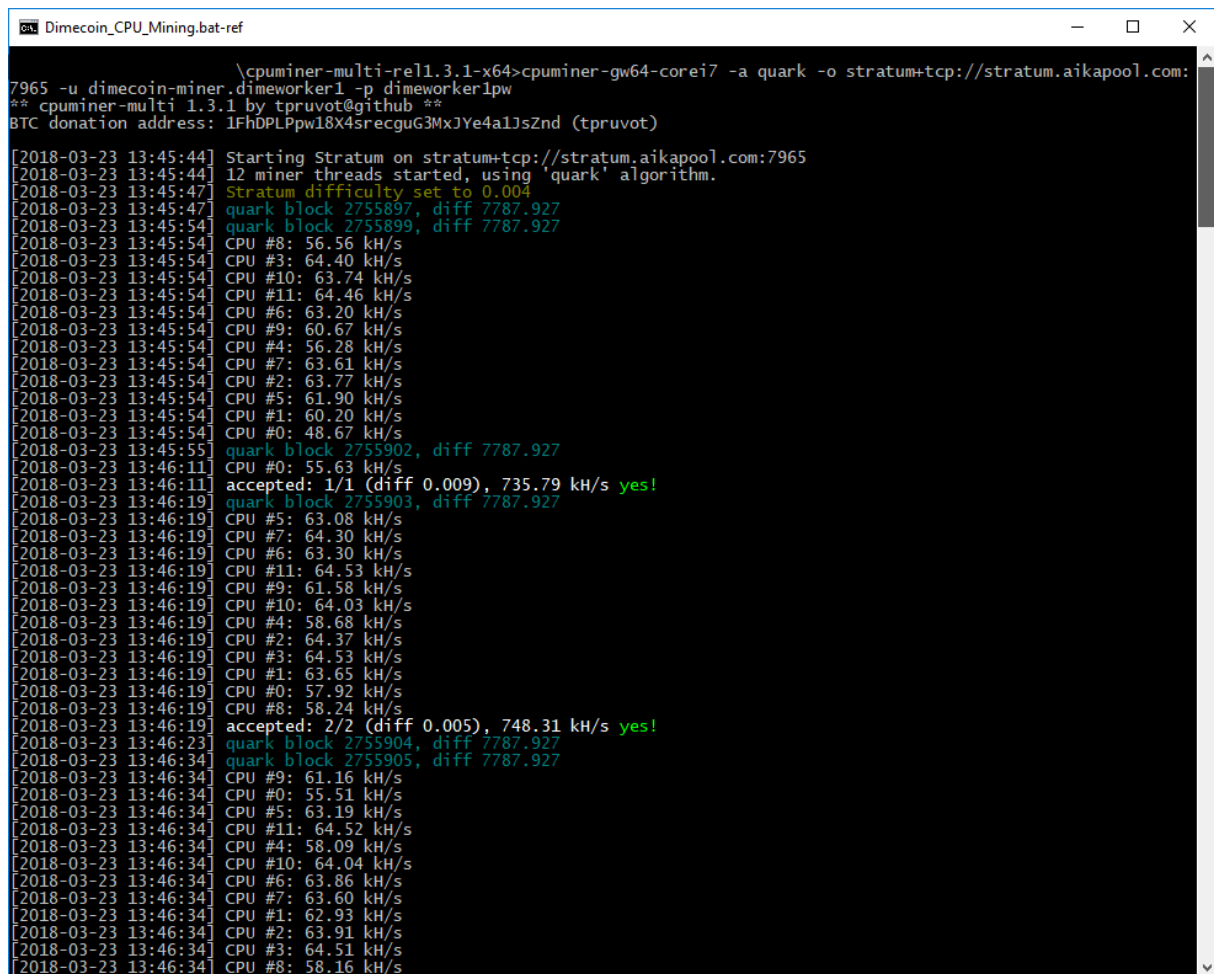

Note: If you've got an Intel Core 2 processor in your computer, please change the command line from "**cpuminer-gw64-corei7**" to "**cpuminer-gw64-core2**", the same when you've got a

CPU which has got at minimum the "*Advanced Vector Extensions 2 (AVX2)*" CPU extension please use "**cpuminer-gw64-avx2**". You can find a list of CPU's, supporting AVX2, here: https://en.wikipedia.org/wiki/Advanced_Vector_Extensions#CPUs_with_AVX2

If you are running a **Linux**, **MAC** or **FreeBSD** operation system, you need to download the source code here: https://github.com/tpruvot/cpuminer-multi
And compile it on your local machine. You can ask for support here:
https://bitcointalk.org/?topic=841401

10. Now double click on the file shortcut we had just created under point 7, sometimes it may take 1 or 2 minutes, to establish a connection to the AikaPool.

Troubleshooting: The anti-virus software program on your computer could block the execution of the CPUMiner Multi (.exe), if the file protection option is set to "**ON**" in the settings of your anti-virus program. You can find files that were removed under the quarantine settings of your anti-virus software. If this happens, you can add a *folder exception*, for the folder where you created the "**.bat**" file, in the component settings of your anti-virus program and run the file shortcut again.

11. To check if your worker is mining into your account, please login into your AikaPool "**Dashboard**" at: https://aikapool.com/dime/index.php?page=dashboard

12. Under the "**Worker Information**" heading you can see that your worker is mining.

🖥 Worker Information		
Worker	Hashrate	Difficulty
dimecoin-miner.dimeworker1	343.60	1.02
Total	343.60	

13. After a period of time you can check your Dimecoin income under the "**Account information**" heading. **Congratulations, you now are an important part of the Dimecoin community!**

👥 Account Information	
You are mining at 2% pool fee and you donate 0.3%.	
DIME Account Balance	
Confirmed	1,308.162381
Unconfirmed	0.000000

Note: The CPU mining is not the best way to mine Dimecoins (lower hashrate and difficulty, results in lower mining income, but you can work on the computer, while mining), we suggest you choose the GPU mining software if you have got a newer gaming graphic card (GPU) inside your computer.

So in the next chapter, we will focus on mining with your **Nvidea GPU and the CCMiner**.
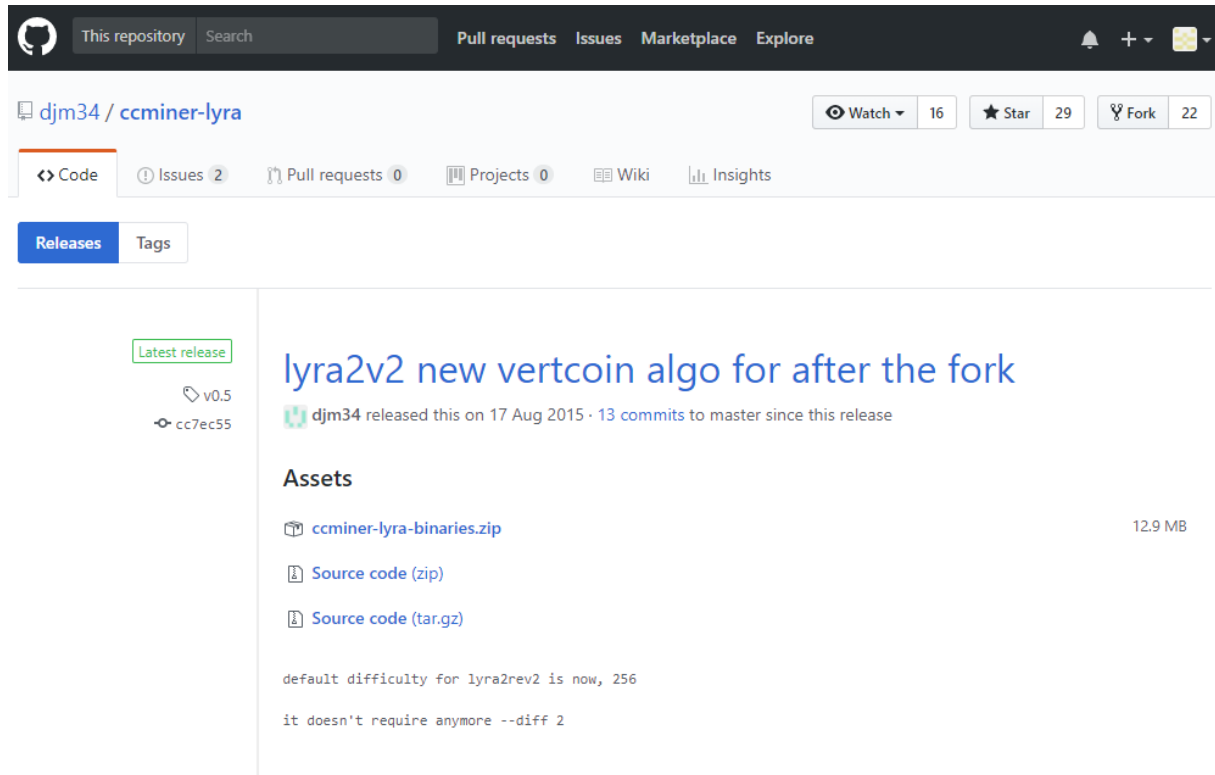
Note: You can run the CPU mining along with the GPU mining when using different workers (workers that you build at AikaPool).

E. GPU Mining (Nvidia Graphic cards) with CCMiner (Windows x86)

1. For getting started with the CCMiner, please visit the following download website:
   https://github.com/djm34/ccminer-lyra/releases/

2. The version of CCMiner shown in this manual, could be outdated, please choose the "*Latest release*". To download the software, please click on "**ccminer-lyra-binaries.zip**".

3. You can use the built-in zip and extracting capabilities in Windows to unzip this file (right click on the file to see these options) or you can use a zip software program such as 7-Zip, to do this job: https://www.7-zip.org/

4. Move the unzipped folder (cut and paste the folder or just copy it) to your desired location on your Windows computer, for example to the "**Desktop**" or create a Desktop folder with the name "**Dimecoin_Mining**" and place the unzipped folder inside that folder.

5. Now open the new folder location that contains the unzipped folder and go deep into the folders until you can see the file "**ccminer.exe**".
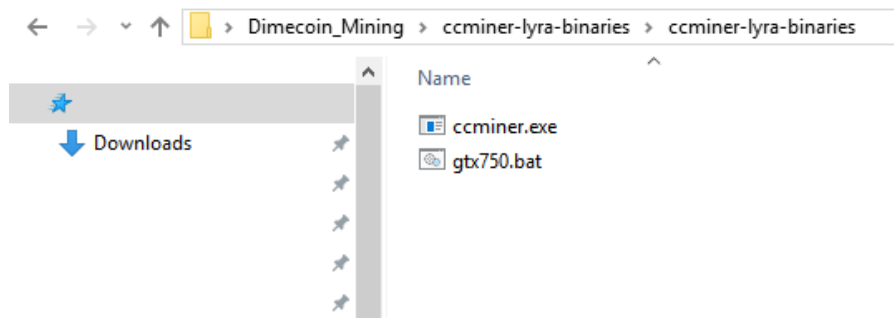
6. Now create a Windows file shortcut of the file named "**ccminer.exe**" and name the file shortcut to "**Dimecoin_GPU_Mining-ref**" for example (*right click on the ".exe" file you made and then click on "Create Shortcut"*).
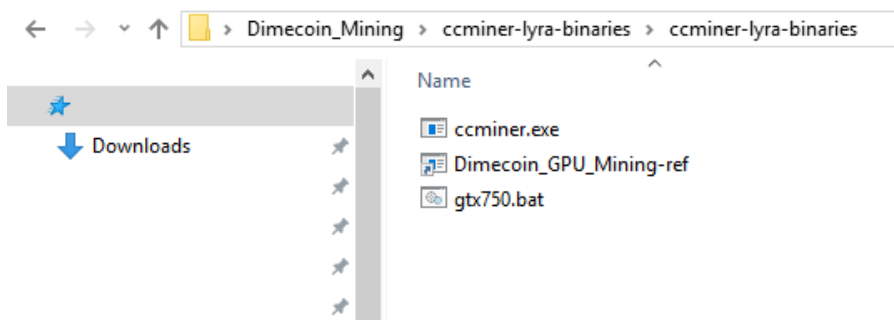
7. Right click on the file shortcut you have just created and left click on "**Properties**"

8. Find the "**Target**" text field and replace everything in the text field with the following:

```
ccminer.exe -a quark -o stratum+tcp://stratum.aikapool.com:7965 -u dimecoin-miner.dimeworker1 -p dimeworker1pw --quiet
```
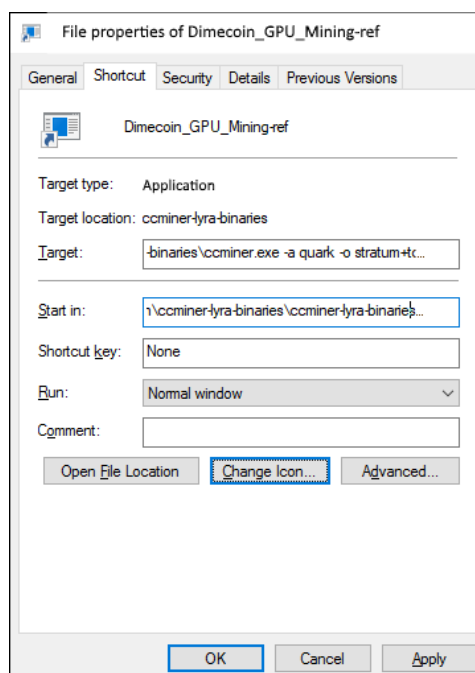
Dimecoin Mining with AikaPool

Please do not forget to change our example username "**dimecoin-miner**" to your own username from the AikaPool Registration and our example worker name "**dimeworker1**" and password "**dimeworker1pw**" to your own worker name and worker password (*dimecoin-miner.dimeworker1 = YourUserName.YourWorkerName / dimeworker1pw = YourPassword*). Left click on "**OK**" to update the file shortcut settings and close the shortcut file properties.
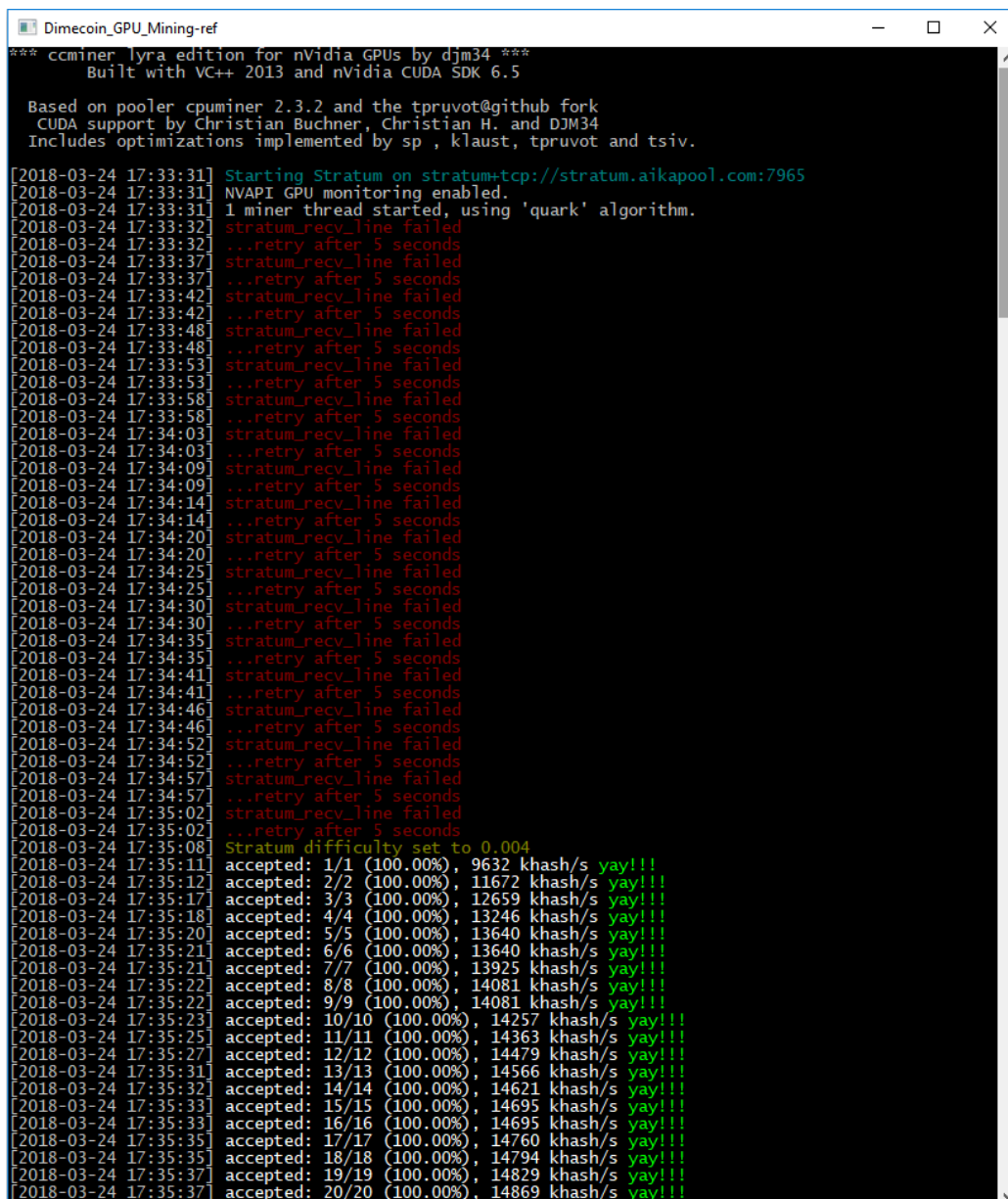
If you are running a **Linux** operation system, you need to download the source code here, named "**Source code (tar.gz)**" under the "**Latest release**"-section:
https://github.com/djm34/ccminer-lyra/releases
And compile it on your local machine. You can ask for support here:
https://bitcointalk.org/index.php?topic=826901

9. Now double click on the file shortcut we had just created under point 6, sometimes it may take 1 or 2 minutes, to establish a connection to the AikaPool.

Troubleshooting: The anti-virus software program on your computer could block the execution of the CCMiner (.exe), if the file protection option is set to "**ON**" in the settings of your anti-virus program. You can find files that were removed under the quarantine settings of your anti-virus software. If this happens, you can add a *folder exception*, for the folder where you created the "**.exe**" Windows shortcut file, in the component settings of your anti-virus program and run the file shortcut again.

10. To check if your worker is mining into your account, please login into your AikaPool "**Dashboard**" at: https://aikapool.com/dime/index.php?page=dashboard

11. Under the "**Worker Information**" heading you can see that your worker is mining.

🖥 Worker Information		
Worker	**Hashrate**	**Difficulty**
dimecoin-miner.dimeworker1	37,276.78	24.69
Total	37,276.78	

12. After a period of time you can check your Dimecoin income under the "**Account information**" heading. **Congratulations, you now are an important part of the Dimecoin community!**

👤 Account Information	
You are mining at 2% pool fee and you donate 0.3%.	
DIME Account Balance	
Confirmed	1,884.938908
Unconfirmed	89.993343
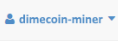
Note: You can run the CPU mining along with the GPU mining when using different workers (workers that you build at AikaPool).

F. Proof of AikaPool Dimecoin withdrawal

	ID	Date	TX Type	Status	Payment Address	TX #	Block #	Amount
	6809475	2018-03-25 13:48:14	Donation	Confirmed			2757416	0.06169319
	6809474	2018-03-25 13:48:14	Fee	Confirmed			2757416	0.41968154
	6809473	2018-03-25 13:48:14	Credit	Confirmed			2757416	20.98407687
	6809414	2018-03-25 13:32:07	Donation	Confirmed			2757377	0.08160293
	6809413	2018-03-25 13:32:07	Fee	Confirmed			2757377	0.55512195
	6809412	2018-03-25 13:32:07	Credit	Confirmed			2757377	27.75609772
Payout proof (manual withdrawal) →	6809364	2018-03-25 13:24:13	Debit_MP	Confirmed	7H7pcBpb...hoWV8Lke	d925296f...d4b20c3c	n/a	2,667.72261252

Dimecoin Mining with AikaPool

25.03.2018 12:27   +2667.72261 DIME
aikapool

1. **Note**: Because the different time zone settings of AikaPool and the Wallet, it looks like it took over 1 hour to transfer the payment to the wallet. It actually only took a few minutes for the payment to get processed by AikaPool and then for it to arrive in the wallet.

G. Additional Information and plans for future releases of this manual

1. **SGMiner**: ATI GPU/AMD CPU mining with the SGMiner Software currently is running but not showing results at the AikaPool dashboard, so we will not show this section in this manual.

2. **ASIC mining/mining rigs**: A future release of this Dimecoin mining manual will include sections for ASIC mining/mining rigs.

3. **Note**: Please note that mining could stress your CPU and/or GPU, please do it under your own responsibility. Notebooks are having a hard time to get rid of the heat generated due to mining. As a result of that it is not advised to mine with it to prevent any serious damage to your hardware. Working on your computer could be limited due to CPU and/or GPU mining. Using a better CPU and/or GPU (or more than one GPU) in your computer could result in higher hash rates and higher mining income.

4. **Telegram support group**: https://t.me/DimecoinMining

Happy mining, thank you for supporting the Dimecoin network!

DIMECOIN. For the Community, by the Community.

Author: "Cryptos HODLer (Mat)" for the Dimecoin team.

*A big thank you goes to "Kevin" from the Dimecoin team,
for the text corrections and testing's.*