

De-Centralised National Identity Blockchain

Setup

1. Download the following and store them in a single folder named **MachuzuNextGen**;

ImmuDB

- Download under the 'ImmuDB Binaries' section
- <https://github.com/codenotary/immudb/releases/download/v1.9.7/immudb-v1.9.7-windows-amd64.exe>
- Once downloaded, change the file name to just 'immudb.exe'
- <https://nextgen.machuzu.com/downloads/data.rar>
- Extract all the files in data.rar into a folder named 'data'

Keystore and SSL

- <https://nextgen.machuzu.com/downloads/crypto.rar>
- Extract all the files in crypto.rar into a folder named 'crypto'

Machuzu Next Generation

<https://nextgen.machuzu.com/downloads/Machuzu-Next-Generation.jar>

Machuzu Next Generation Launcher

<https://nextgen.machuzu.com/downloads/LaunchMachuzuNextGen.bat>

2. Download the following and install on your system

Java 17

<https://www.oracle.com/java/technologies/javase/jdk17-archive-downloads.html>

OpenJFX 17

<https://gluonhq.com/products/javafx/>

Downloads

JavaFX version	Operating System	Architecture	Type
17.0.16 [LTS] ▼	Windows ▼	x64 ▼	SDK ▼

SQLite

<https://www.sqlite.org/2025/sqlite-tools-win-x64-3500400.zip>

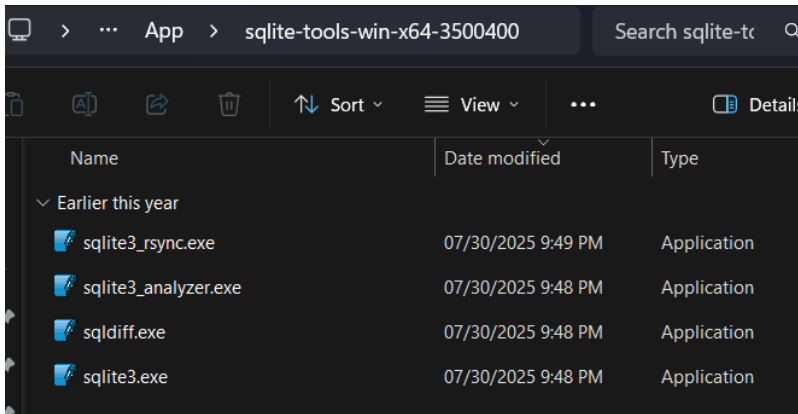
3. *Run Application*
 - Navigate to the folder you created for MachuzuNextGen
 - Run the file LaunchMachuzuNextGen.bat

FOLDER ONCE ALL FILES ARE DOWNLOADED

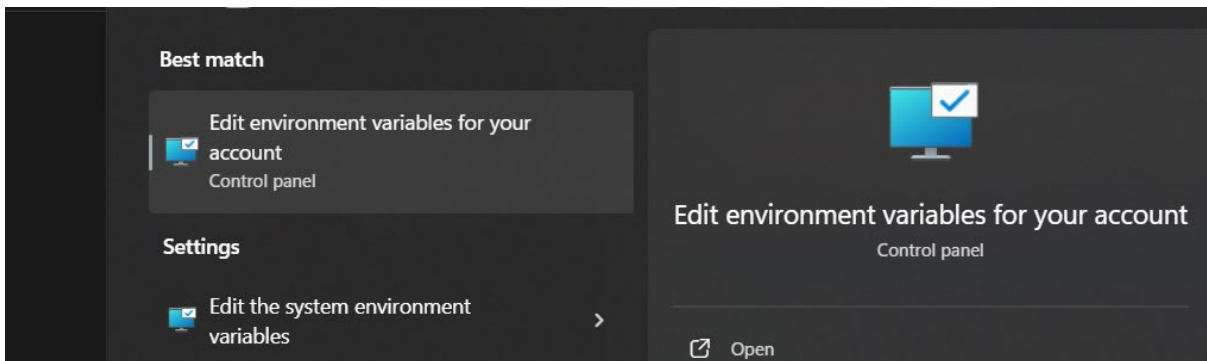
crypto	2025/10/13 12:40	File folder	
data	2025/10/13 13:01	File folder	
immudb	2025/04/21 18:47	Application	41 738 KB
LaunchMachuzuNextGen	2025/10/13 12:58	Windows Batch File	1 KB
Machuzu-Next-Generation	2025/10/13 12:35	Executable Jar File	34 512 KB

4. Environment Variable for SQL Lite files

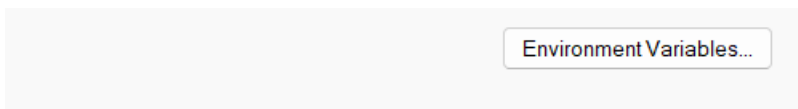
Go to the folder in which the SQL lite files are contained, and copy the path



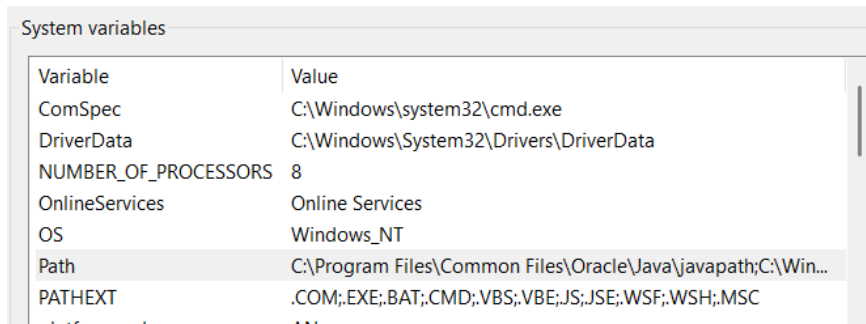
Search "Environment" on windows search bar, then click on Environment variables



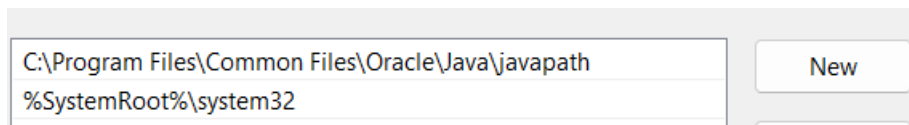
Here:



On System variables, locate the variable "Path" and click edit



Click on New, then paste the path you copied for SQLite files, then click enter



then paste the path you copied for SQLite files, then click enter. You will then click "OK" on all the tabs you had opened

C:\Users\mphag\Downloads\App\sqlite-tools-win-x64-3500400

5. Download Immuadmin on this [link](#)

Once the file is downloaded, rename it



6. Change ImmuAdmin password

Open commandline on the path where immuadmin is downloaded and run the following commands

```
immuadmin login immudb  
immuadmin immudb change-password nextgen
```

7. Create Database Machuzu

```
immuadmin database create machuzu
```

NB: If you closed the cmd window and reopening it, you will have login using the password above to log in "nextgen"

8. Run the LaunchMachuzuNextGen.bat app, the application will launch.