



Myria Quickstart

Learn how to start integrating with Myria.

By the end of the quickstart, you will:

- Learn how to interact with MetaMask
- Generate a Stark Key
- Register a developer account on Myria

Prerequisites

- Browser that supports MetaMask: Chrome, Firefox, Brave, or Edge

1. Web3 Setup

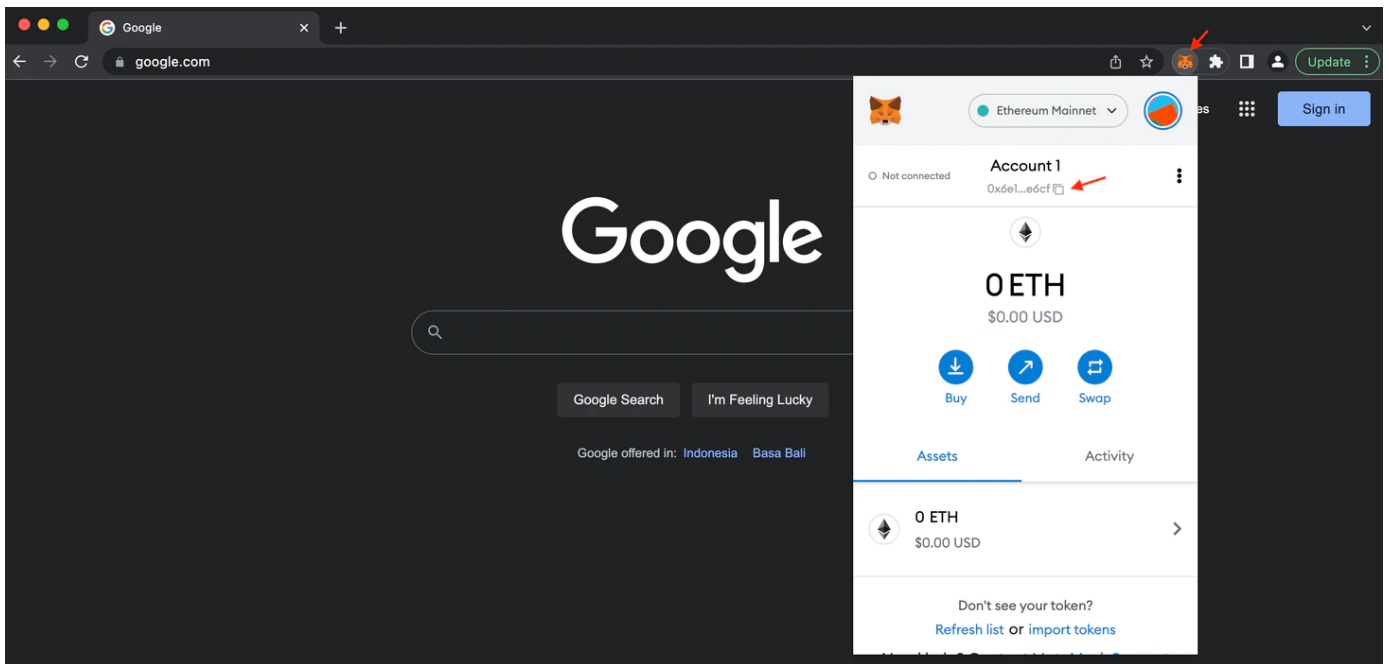
Myria integration requires a Web3 wallet address and the corresponding Stark Key derived from that wallet. The steps below show how to generate both of them.

1.1 Create a Web3 wallet

If you don't have a Web3 wallet already, you need to create one. MetaMask is the most commonly used wallet. You can download it from the [official website](#). After you install the wallet, follow these steps:

1. Select `Create a Wallet`
2. In the `Help us to improve MetaMask` section choose `No Thanks` to avoid data collection
3. Fill out and confirm your password
4. Backup your secret phrase
5. Finish the installation

You should see your MetaMask wallet in the upper right corner:




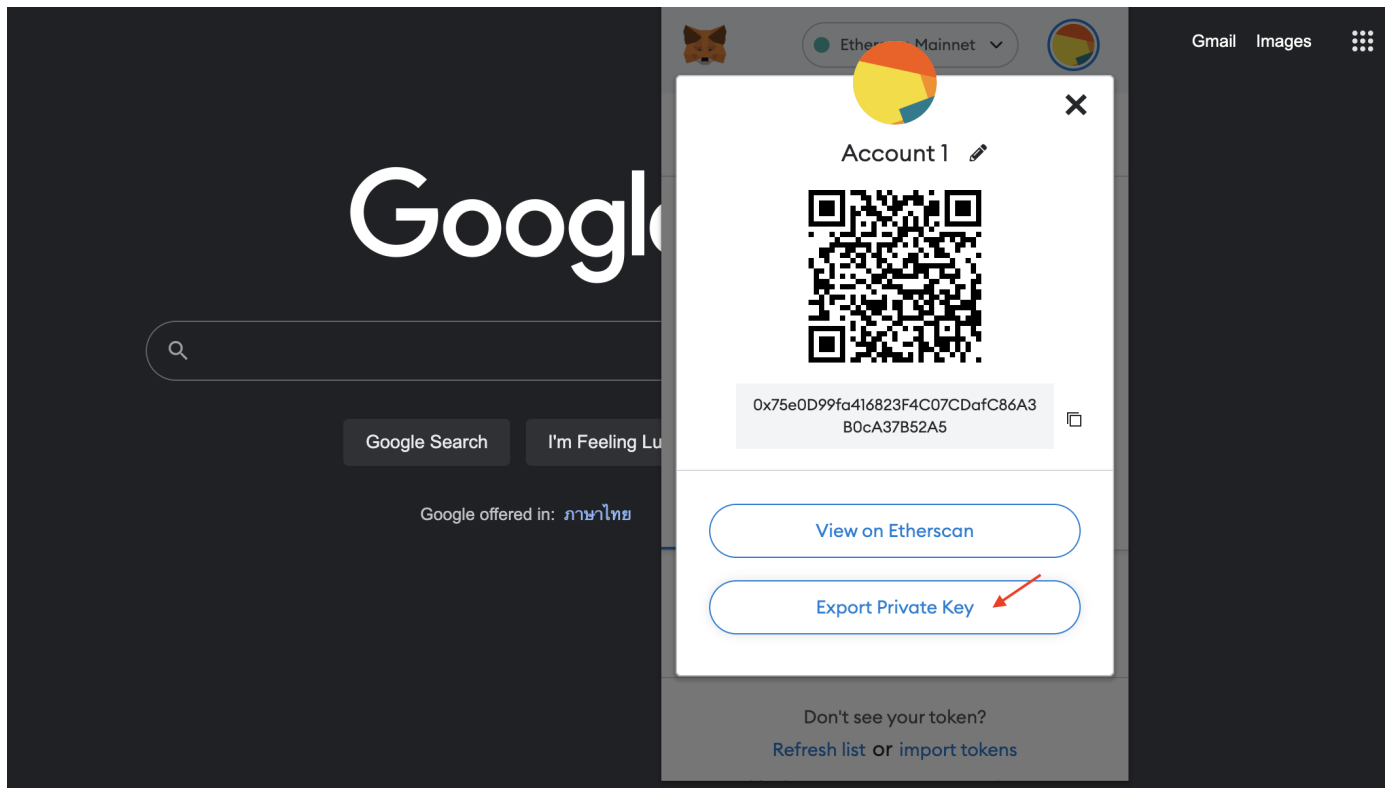
1.2 Export a private key

Each wallet represents a set of public and private keys:

- The public key - wallet address to receive funds
- The private key - "master password" for making transaction signatures

As a developer, you will often use public and private key pairs. Make sure to store them safely but have quick access when needed. To export the private key, open your MetaMask and follow these steps:

1. Click on  and select **Account details**
2. Select **Export private key**
3. Enter your password
4. Copy and save your private key



TIP

Don't lose your private keys and seed phrases. Otherwise, you won't be able to recover your funds.

1.3 Generate a Stark Key

Myria solution uses **Starkware** technology that implements different hash functions and signatures from Ethereum. Therefore, you must have a separate Stark Key to handle authentication and identity on Myria.

You can generate your Stark Key Pair by deriving it from the Ethereum Key Pair via the **SDK Helper** tool:

Myria Core SDK Helper

Use this tool to generate a Stark Key and register a developer account on Myria. Login into your MetaMask before proceeding.

Action

- Connect MetaMask ①
- Generate a Stark Key ②
- Register a Developer Account
- Verify a Developer Account

Output

MetaMask

Status: connected

Account: 0x7b08c88a6d0f27620798b57f3d744c62b0dea634

Wallet Signature

0xd452101421337393ffd419666cff8a4fd4670ad4a7fdadcaa34e762eb3fa578c0b5aa5cf98f

Stark Key

0x7fe1b18d74145afd74c0b84b693c9e8eb4de49a3972743f4cd2fbfc3904e9cb ③

Things to consider:

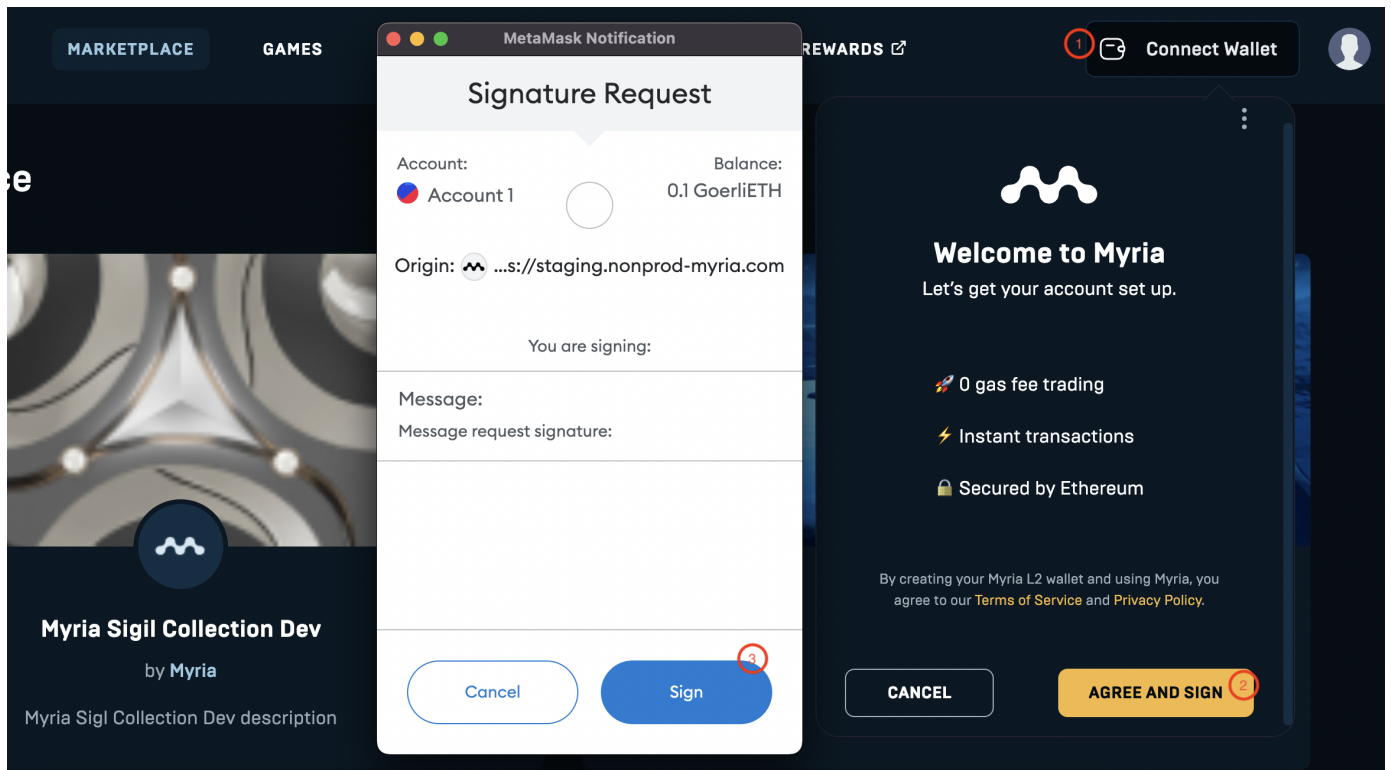
- Each address can generate only one Stark Key.
- The Stark Key format used in your app should look like this: `0x` + `STARK_KEY`. For example:

`0x43be26f8a75d1fc532a871ed88561f75fadd1a901b4fed01d0c8ef48762f1a9`.

2. Register a Developer Account

Developer accounts represent developer identities on Myria and required to do most of the operations on the network. You can register a developer account using the [Myria NFT Marketplace](#) as follows:

1. Select `Connect Wallet`
2. Click `AGREE AND SIGN`
3. Sign a transaction in your MetaMask



Next steps

Now that you have a developer account, you can create your first **Myria project**.