



Devnet

This guide explains how to run the Devnet network for testing purposes.

Overview

Devnet is a custom Cardano test network powered by [Dolos](#). It allows you to define initial wallet funds, execute transactions, etc. To set up the environment, you must run `tx3up`. It launches Dolos using custom genesis files for the Devnet network.

Usage

Before running Devnet, use `trix init` to initialize a tx3 project. This will generate a default Devnet configuration in the `trix.toml` file, including default wallets.

After initializing the project, run `trix devnet` to start the Devnet.

```
trix devnet
```

Note: The password for each Devnet wallet is the same as the wallet name defined in `trix.toml` (e.g., if the name is bob, the password is bob).

Common Workflows

Here are some common workflows you might follow when you are running devnet:

1 Initialize a New Project:

```
trix init
```

This will create a `trix.toml` file with a default Devnet configuration and wallets.

2 Start the Devnet:

```
trix devnet
```

This launches a local Cardano test network powered by Dolos.

3 (Optional) Run Devnet in the Background:

```
trix devnet -b
```

Use this if you want Devnet to run as a background process.

4 Explore the Network:

Invoke a transaction:

```
trix invoke
```

Explore the devnet to monitor the transaction:

```
trix explore
```