Android Studio Setup

MiniPay is an Android app.

In order to test and view dApps when building on MiniPay you might not have an Android device, this is when you can use an Android Emulator!

In this guide, you will learn how you can setup an Android Simulator to test MiniPay dApps!

Installing Android Studio

1. Visit https://developer.android.com/studio

2. and download Android Studio.

3. Select according to your OS and Mac version.

4. Add it to your Applications (if you are on Mac) and perform the setup.

If asked for Android Simulator, tick it!

1. On succesful setup this is how your UI for Android Studio will look like.

2. Click the three dots on right top corner and open "Virtual Device Manager".

3. The Device Manager will show all the existing available devices and you can add a new one by clicking the + button

4. Add any device that has the Play Store icon and click "Next", I use Pixel 4.

5. Select a "System Image" that will run inside the device you selected, download any with Android version above 11.0 and click "Next".

I already have Tiramisu downloaded.

1. You can edit the AVD name in this step, the AVD name is used to launch the device from the terminal.

Keep the orientation as Potrait for development purposes.

You can now click "Finish"!

1. You should now be able to see the device in the "Device Manager"!

You can use the Play button to start the device!

info Alternatively you can also launch the device using the following terminal commands

To view the list of devices available

emulator -list-avds To launch an AVD

emulator -avd

[AVD_NAME] 1. On successful launch you should see the device!

Now you can follow the steps to install MiniPay

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