From Docker

Pre-requisites

In order to run any docker images, you need to have docker installed. You can find instructions on how to install docker for your machinehere(opens in a new tab) .

Downloading the docker image

The Namada docker image can be foundhere(opens in a new tab) .

Under theTags tab, you can find the latest version of the docker image. Click on the link for the correct version of Namada that you are trying to install. For example, if you are trying to install Namada v0.16.0, you would click on the link forv0.16.0 .

You can find the tag of the downloaded docker image by runningdocker images . The tag will be the first column of the output.

Running the docker image

Once you have downloaded the docker image, it will be useful to export some environment variables:

export CHAIN_ID =< chain-i d

The following docker run command will run the ledger node:

docker

run

-P

-i

-t DOCKER_IMAGE < namada

comman d

Where is any command you would run afternamada in the terminal. For example, if you wanted to runnamada client utils join-network --chain-id CHAIN_ID , you would run:

docker

run

-P

-i

-t DOCKER_IMAGE client

utils

join-network

--chain-id CHAIN_ID Then in order to run any other ledger commands, one can run:

docker

/bin/bash

-c

"/bin/bash" , "-c" ,

""

Alternative method (building the docker image yourself)

Alternatively, you can build the docker image yourself!

Begin by exporting some environment variables:

export CHAIN_ID =< chain-i d

export BRANCH =< namada-versio n

For example if you wanted to build the docker image for Namada v0.16.0 and chain-idpublic-testnet-69.0.b20a1337aa1 , you would run:

export CHAIN_ID = public-testnet-69.0.b20a1337aa1 export BRANCH = v0.28.2

The latest branch of Namada

Then you can build the docker image by running:

git

clone

https://github.com/anoma/namada-sdk-starter.git cd

namada-sdk-starter/docker/namada-with-chain/ docker

build

--build-arg

BRANCH= BRANCH --build-arg

CHAIN_ID= CHAIN_ID -t

namada_testnet_image

. Which will save the image to your local docker images. You can find the tag of the downloaded docker image by runningdocker images . The tag will be the first column of the output.

Save this docker image as an environment variable

export DOCKER_IMAGE =< ta g

Then you can run the docker image by running:

docker

run

-P

-i

-t DOCKER_IMAGE

Prerequisites Installing CometBFT