

Homework 14

1. Install Warp and try transpiling a solidity contract, you can use the default example or you can use [this](#)
2. How does the transpiled code compare to how you would write this in Cairo ?
3. Use Warp to deploy the transpiled contract to the test network.

Installation Instructions

See Warp installation [instructions](#)

1. On mac os:

```
brew install z3
```

2. On ubuntu:

```
sudo apt install libz3-dev
```

Make sure that you have the `venv` module for your python installation.

Installation

Without any virtual environment activated run the following in order:

```
yarn global add @nethermindeth/warp
```

Run the following to see the version and that it was installed:

```
warp version
```

Finally run the following to install the dependencies:

```
warp install
```

Test installation works by transpiling an example ERC20 contract:

```
warp transpile example_contracts/ERC20.sol
```

Alternative - Using Docker

```
docker build -t warp .
```

```
docker run --rm -v $PWD:/dapp --user $(id -u):$(id -g) warp transpile  
example_contracts/ERC20.sol
```

