BCDV 1010
Smart Contract Development Essentials

2023 January

week 02 - class 10

Contract Debugging & Testing

What is a Truffle?

A development environment, testing framework and asset pipeline for blockchains using the Ethereum Virtual Machine (EVM), aiming to make life as a developer easier

Installation Guide:

https://trufflesuite.com/docs/truffle/how-to/install/

Create a Project

1. Create a new directory for your Truffle project:

```
mkdir MetaCoin
cd MetaCoin
```

1. Download ("unbox") the MetaCoin box:

```
truffle unbox metacoin
```

Compile a Project

To compile a Truffle project, change to the root of the directory where the project is located and then type the following into a terminal:

```
truffle compile
```

Running the Tests

To run all tests, simply run:

```
$ truffle test
```