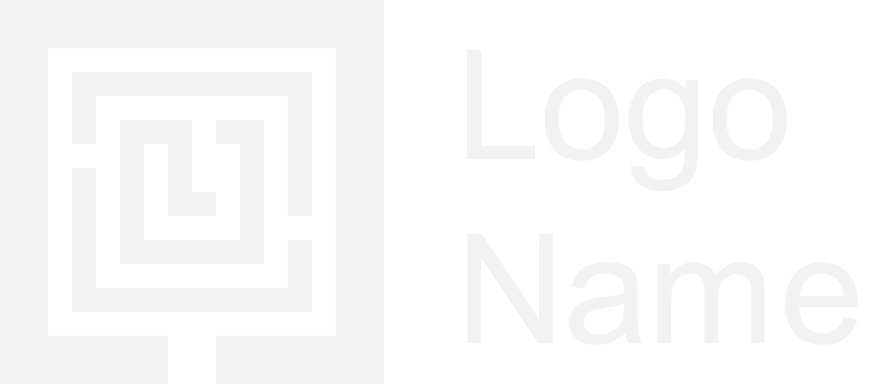


İstanbul Kültür Üniversitesi

Software Engineering

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| APXEIA  Truffle Deployment |
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What is Truffle?



According to Truffle Suite, Truffle is a World-Class development environment, testing framework, and asset pipeline for blockchains using the Ethereum Virtual Machine (EVM), aiming to make life as a developer easier.

Truffle will be helping us in compiling smart contracts locally to be able to deploy them to either a network on our machine, test net or a main net to check Smart Contracts the way we want it before we deploy any of the to the main net.

Truffle Installation

Truffle downloading and installation will be done by running code “npm install truffle -g” on terminal,

Which will be automatically installed with pre added 3 files.

A screenshot of a computer screen

Description automatically generated with low confidence

* Migration.Sol (Smart Contract)
* 1\_initial\_migrations.js
* Truffle-config.js

Text

Description automatically generatedMigration.sol & 1\_initial\_migrations.js

Migration.sol is a smart contract which automatically comes by installing truffle.

And mainly focused on tracking smart contracts and call when needed.

1\_initial\_migrations.js is where deployment scripts basically which means we can program how we want deploy and initialize our contracts parameters.

Truffle-config.js

Text

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Truffle-config.js file is responsible of gaining the information and links to interact with other necessary platforms.

In our project we will be just adding ganache server information to module.exports function to stabilize the connection to perform tasks.