**Introduction - Foundry simple storage**

**What is Foundry?**

Foundry is a relatively new but rapidly growing smart contract development framework known for its efficiency and modularity. The best short description of this powerful tool can be found in the [Foundry Book](https://book.getfoundry.sh/):

Foundry manages your dependencies, compiles your project, runs tests, deploys, and lets you interact with the chain from the command-line and via Solidity scripts.

Please take a moment to bookmark the [Foundry Book](https://book.getfoundry.sh/). It is the most comprehensive resource that has the answers to all your questions. It will be handy along the way.

Foundry has numerous pros, such as:

* It **leverages Rust** for compilation, offering significantly faster build times compared to frameworks like Hardhat or Brownie.
* It's entirely **Solidity-based**, eliminating the need to learn other programming languages
* Its **documentation is comprehensive**.