Requirements for Quorum

Repositories

We will be needing the following repositories:

- Quorum Repo
- Tessera Repo

Tools

- **Oracle JDK 8 JVM**
  - Minimum supported version 8u171.
  - Downloaded from:
    "*http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html*".
  - Open command prompt and run `java -version` command to check the installation.

- **Vagrant**
  - Latest version of Vagrant is 2.2.4.
  - Downloaded from *"https://www.vagrantup.com/downloads.html"*.

- **Git**
  - Required for windows developer only.
  - Downloaded from "*https://git-scm.com/download/win*".
  - Open command prompt and run `git --version` command to check the version.

Tools

- **VirtualBox**
  - Downloaded from "*https://www.virtualbox.org/wiki/Downloads*".
  - Latest version is 6.0.6.

- **Apache Maven**
  - A management and comprehension tool.
  - Based on the theory of a project object model (POM).

- **Node.js**
  - Downloaded from "*https://nodejs.org/en".*
  - Latest version of node.js is 12.2.0.

Libraries

- **Libsodium**
  - An shared library with machine-independent set of headers that can easily be used by 3rd party projects.
  - Latest version is Version 1.0.17, that was released on January 7, 2019.

- **Jnacl**
  - Pure Java implementation of the Networking and Cryptography library (NaCl).
  - Supports the "Curve25519xsalsa20poly1305" crypto primitives.

- **Kailum**
  - A Java essential to Networking and Cryptography library.
  - Implemented using jnr-ffi to bind the shared libraries from libsodium.

Language

- **Solidity**

  - An high-level object-oriented language for implementing smart contracts in Ethereum.

  - Features include statically typed, supporting inheritance, libraries and complex user-defined types.

  - It is influenced by C++, JavaScript, and Python.

  - Designed to target the Ethereum Virtual Machine (EVM).

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THANK YOU!

Any questions?
You can mail us at
hello@blockchain-council.org