Setting up the Quorum Environment

Installation Guidelines for Quorum

- Before we begin developing the Blockchain network using Quorum,we need to install the prerequisites required for Quorum development.

- Vagrant environment has been made available for running Quorum examples.

- Run a Quorum example to gain a clear understanding of the Quorum environment.

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Building Quorum Nodes from Source

There are a few steps that we need to follow for building Quorum nodes from the source.

Step 1: Clone the repository and build the source.

Step 2: Make a directory named Quorum.

Step 3: Change the PATH to "Quorum" folder.

Step 4: Run the test command "`make test.`"

Installing Constellation

Step 1: Install supporting libraries.

- **For Ubuntu:** `apt-get install libdb-dev libleveldb-dev libsodium-dev zlib1g-dev libtinfo-dev`.
- **For Mac OS:** `brew install berkeley-db leveldb libsodium`.

Step 2: Download precompiled binaries `https://github.com/jpmorganchase/constellation/releases`

Step 3: Install Stack

- **For Linux:** `curl -sSL https://get.haskellstack.org/ | sh`
- **For Mac OS:** Use `brew install haskell-stack`

Step 4: Install Glasgow Haskell Compiler, by running `stack setup`.

Step 5: Run `stack install`.

Installing Tessera

Step 1: Clone Tessera Repository: `https://github.com/jpmorganchase/tessera`.

Step 2: Build using Maven.

- **jnacl**: `mvn install`

- **Kalium**: `mvn install -P kalium`

Step 3: Run Tessera `java -jar tessera-dist/tessera-app/target/tessera-app-${version}-app.jar -configfile /path/to/config.json`

THANK YOU!

Any questions?
You can mail us at
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