

Week 11 Slide

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What I accomplished this week

1. Finished Iroha-Iroha transfer example (including passing randomly generated admin/node key pairs)
2. Finished the irohaBaseConfig interface for the request
3. Tweaked Iroha docker healthcheck via Python SDK
4. Tried best to remove magical strings (e.g., changing the strings to enum; randomly generate admin/node key pairs; uuidv4())
5. Responded to most of the feedback

Technical Questions

1. Unable to make admin/node key pairs optional
2. Some questions about PR feedback

Question about ed25519sha3 pub key?

```
74 const keyPair1: keyPair = cryptoHelper.generateKeyPair();
75 const adminPriv = keyPair1.privateKey;
76 const adminPubA = keyPair1.publicKey;
77 const adminPubB = cryptoHelper.derivePublicKey(adminPriv);
78 const keyPair2: keyPair = cryptoHelper.generateKeyPair();
79 const nodePriv = keyPair2.privateKey;
80 const nodePub = keyPair2.publicKey;
81 const keyPair3: keyPair = cryptoHelper.generateKeyPair();
82 //const userPriv = keyPair3.privateKey;
83 const userPub = keyPair3.publicKey;
84 const iroha = new IrohaTestLedger({
85   adminPriv: adminPriv,
```



PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

bash + ^ ^ x

```
packages/cactus-plugin-ledger-connector-iroha/src/test/typescript/integration/run-transaction-endpoint-v1.test.ts 1> admin 2nd pub '0_0
0,
packages/cactus-plugin-ledger-connector-iroha/src/test/typescript/integration/run-transaction-endpoint-v1.test.ts 1>   errorCode: 0
packages/cactus-plugin-ledger-connector-iroha/src/test/typescript/integration/run-transaction-endpoint-v1.test.ts 1> }
packages/cactus-plugin-ledger-connector-iroha/src/test/typescript/integration/run-transaction-endpoint-v1.test.ts 1> END::: TX RESPONSE
packages/cactus-plugin-ledger-connector-iroha/src/test/typescript/integration/run-transaction-endpoint-v1.test.ts 1> {
packages/cactus-plugin-ledger-connector-iroha/src/test/typescript/integration/run-transaction-endpoint-v1.test.ts 1>   txHash: 'f02efed
21b72ff5fdb20f67677cc39b839c53906f5676b7c32632c7c0406cc0e',
packages/cactus-plugin-ledger-connector-iroha/src/test/typescript/integration/run-transaction-endpoint-v1.test.ts 1>   status: 'COMMITT
ED'
packages/cactus-plugin-ledger-connector-iroha/src/test/typescript/integration/run-transaction-endpoint-v1.test.ts 1> }
packages/cactus-plugin-ledger-connector-iroha/src/test/typescript/integration/run-transaction-endpoint-v1.test.ts 1> user c314a
packages/cactus-plugin-ledger-connector-iroha/src/test/typescript/integration/run-transaction-endpoint-v1.test.ts 1> userId is c314a@te
st
packages/cactus-plugin-ledger-connector-iroha/src/test/typescript/integration/run-transaction-endpoint-v1.test.ts 1> admin 2nd pub '0_0
000k`0D00
```

Y0V%[00()oThF00

PASS packages/cactus-plugin-ledger-connector-iroha/src/test/typescript/integration/run-transaction-endpoint-v1.test.ts 140 OK 2m

General Question

1. Need Peter's help to build and publish new image

Questions for me

Critique is welcomed!

Expectation of Coming Week (Week 12)

1. Investigate into the pending transaction issue
2. Use `string.contains(substring)` to check for general exceptions
3. Finalize my 2nd PR
4. Post Github issues and apply labels (Iroha) on them as well

Thank you!