**TheFundsChain Development System Architecture**

**Folders structure**

Daily backup on drop box! (alias : backmeup)

./thefundschain

./poc -- POC directory to build testable POCs

./images/ -- deployables docker images

./hyperledger/fabric

./chaincodes/ -- installable chaincode packages

-- (or preinstalled peer images?)

./clients/ -- deployable docker images

./src/github.com/hyperledger -- Source of tested H.F release

./fabric

./fabric-ca

./fabric-sdk-node

./fabric-samples

./src/dltshift.com/thefundschain

./var -- Mount points for persistent volumes

./network -- Tools & config for test

./config -- Test config files (to generate all other config)

./peer-test -- Tools to run & test chaincodes

./crypto-config -- Credentials

./client-test -- Tools to run & test SDK applications

./credentials -- Fabric Client cryptostore

./common

./models -- JSON schema model specifications

./chaincodes -- main chaincode development dir

./FUND

./FUNDDIR

./PTF

./…

./clients -- main nodeJS for SDK companion applications & SDK

./fundsdk

./fundsui -- UI module app to interact with fundsdk API

./…

./www -- nginx config and main angular apps repository

./{XX}Apps -- node + angular apps development

./accountantApps

…

**Builds**

When building, there a number of glitches with the GOPATH environment variable.

POC mode: GOPATH=~/thefundschain/poc

GOROOT=/usr/share/go-1.9 [ubuntu artful packaged install]

ln -s /opt/gopath => {GOPATH}

Alternate path to run tests & build images:

/opt/go/src

/opt/golang/src

~~/chaincode/input/src~~