QKD module 2.0

files and modules

qkdm_src

This folder contains all files related with qkdm code.

- qkd_device folder contains simulator related files.
  - QKD : interface class for any simulator/device implementation
  - fakeKE : simple (unsecure) simulator for testing purposes, with async support
- api : all function to be called when a request is received
- qkdm_server : main file to be executed with Quart app inside
- asyncVaultClient : async module to interact with vault
- config_files folder : it contains some example configuration files
- qkdmDockerfile : file to build the Qkdm docker image
- requirements.txt : file with pip requirements

tests

This folder contains a simple http file with the requests used for testing purposes. Refers to the Quantum Key Server repository for more information.

docs

This folder contains project APIs, DB and sequence diagram documentation as pictures and as plantUML code

Note

Please run the app in production with hypercorn, not by running the qkdm_server.py file.