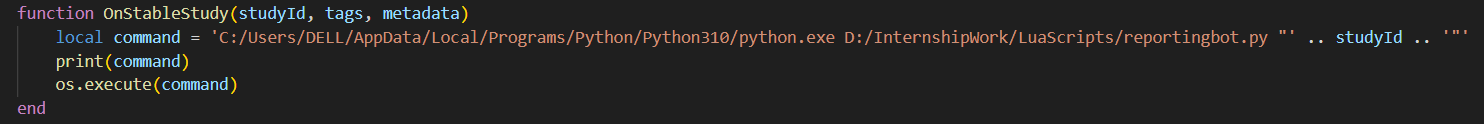
writeToDatabase.lua



This Lua script is used to run a python script calling reportingbot.py. It uses the function **OnStableStudy** which uses the **STABLE\_AGE** environment variable set for Orthanc. When a client sends a study to our Orthanc server on cloud, after the server has deemed the study ‘stable’ (check the Orthanc Documentation to see what this means), it will run the python script reportingbot.py.

The arguments of the function will always be:

* studyId: This is the studyId that is defined by Orthanc (not the same as Study UID)
* tags: This is the tags identifier that is defined by Orthanc. We don’t really need to use it.
* Metadata: This is the metadata identifier that is defined by Orthanc. We don’t really need to use it.

**Command variable**

* This variable stores a terminal command in a string. The terminal command simply executes a python script called reportingbot.py in the VM’s terminal. When deploying on cloud, the first part of the string will be the path of **python3** executable in the VM. This will be usually be **/usr/bin/python3** but it is better to crosscheck.
* The second part of the string is the path of the python script called reportingbot.py. Both this Lua script and the python script should ideally be stored in one folder in the home directory so simply copy the path for that.
* The third part of the string essentially concatenates the studyId argument enclosed in double quotations with the first two parts of the string. **NOTE: the studyId must always be enclosed in double quotations in order for the python script to pick it up as a system variable.**

**IMPORTANT**

* In order to run the command that is stored in the command variable, use os.execute(command).
* The path for this Lua script should be present in the LUA\_SCRIPTS environment variable in the .yml file
* Use print statements for any debugging