July10 2019

I have three pendulums running continuously. They have been running for nine months. The databases have about 2 million rows with a UNIX time stamp and a pendulum interval.

This folder includes:

An excel spreadsheet with a summary of the database files.

This document

Sixteen database files; The file has the starting date as the name. They vary in length from a few days to six weeks. They are sqlite3 and identical. All the databases have one table with one exception; dec3\_database which has several tables.

Every row includes a UNIX time stamp.

Column\_one UNIX time

Column\_two first pendulum

Column\_three second pendulum

Column\_four third pendulum

Column\_five miscellaneous “does not fit above criteria” a ‘1000’ in this column means “Python start”

Column\_six comments……….. these can be important and helpful.

The python was nicely sorting the data into the proper columns until April. I moved from a windows OS to a Mint OS and the Python was not able to figure out what the C++ was doing. It started putting them in the ‘other’ column. I am still not sure about this, but the data is still being collected and I do not see a huge problem. The data is going to have to massaged into a big database and we might as well start with a flat (almost) file.

The first project is to put this all into one big database. Or should it be put into one database for each pendulum?