Family Photo Archive (FPA) Apps

Research Running Log

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Contents

Abstract

A set of notes documenting the application(s) coded up to support the "Family Photo Archive" (FPA) project.

2021-11-21

Initial Test Code

Reminding myself of and checking Python techniques for writing a support application to provide a base archive backup of the meta data from the macOS Photos App database.

This is a python 3.x project using VS code with the documentation coded up with RStudio and Rmarkdown to .pdf.

Python Module osxphotos

Came across this module which appears to provide *exactly* what I need.

- (https://github.com/RhetTbull/osxphotos)

Building Strings For .csv

Looking at ways of extracting info from the osxphotos object and building a string for output to a .csv

From memory the method is build a CSV string for the header, extract the bits row by row then "joining" it with a delimiter (e.g. string_for_csv = sb.join(',') or something like this ¯_(ツ)_/¯).

I then came across this article which looks promising.

See (https://levelup.gitconnected.com/building-csv-strings-in-python-32934aed5a9e)

2021-11-24

Still fighting with VS Code setup, see the project `NotesForPythonOnMac`.

For the FPA_Apps project the research tonight is about extracting the useful bits from an osxphotos object and getting it into a string for output to a .csv file.

By 20:55 some progress on extraction techniques. I accept that I need to make allowances for re-learning the Python basics *and* a new IDE.

ExpDBLock As Example Code

I've done all this tedious stuff before (many times) but it occurred to me that the ExpDBLock code must be a good starting point. So I tracked that down off the backup disks and have added it to my project ... which it turns we need to call a "workspace" ¯_(ツ)_/¯.