

FISHpy Documentation

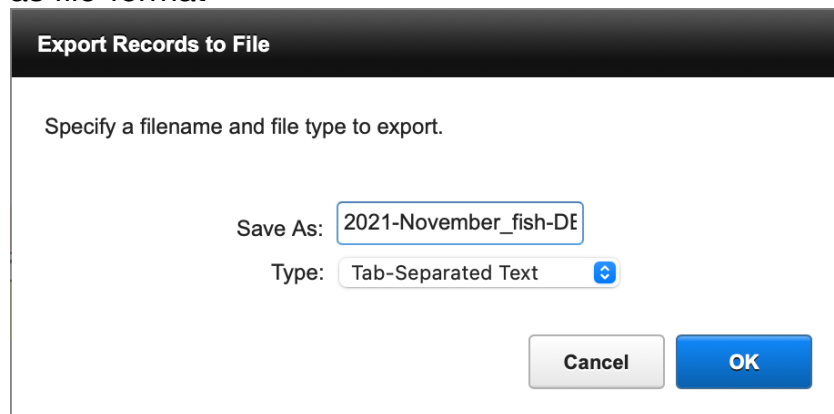
FISHpy is supposed to help you with your fish patrol by reading out the fish data base and giving you a list of all fish that are 'old' or 'too old'.

Prerequisites:

- Python 3.7 or later
- Modules: os, pandas, datetime, dateutil, tkinter
- Suggested is to use a conda environment

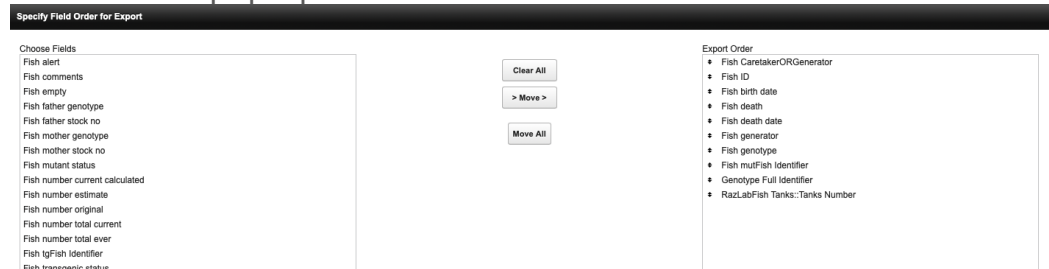
I. Export of the fish-database

1. Log in into the FileMaker Fish Data Base
2. In the top left corner, press the arrow
3. Go to: 'File' > 'Export Records...'
4. Give the file a well identifiable name and select 'tab separated text' as file-format



5. Chose the following fields (by clicking on them in the most left column and pressing 'Move') in exactly the same order

TIPP! If you cannot read the description of all the fields in the left column press the 'maximizing window' button on the upper right corner of the pop-up window



Choose Fields	Export Order
Fish alert	Fish CaretakerORGenerator
Fish comments	Fish ID
Fish empty	Fish birth date
Fish father genotype	Fish death
Fish father stock no	Fish death date
Fish mother genotype	Fish generator
Fish mother stock no	Fish genotype
Fish mutant status	Fish multiFish Identifier
Fish number current calculated	Genotype Full Identifier
Fish number estimate	RazLabFish Tanks:Tanks Number
Fish number original	
Fish number total current	
Fish number total ever	
Fish tgFish Identifier	
Fish transgenic status	

6. Wait a few seconds then download the '.tab' file and save it to the location you want (you will need it in a second)

II. Using FISHpy

1. Run the FISHpy.py script
2. In the first window you choose the '.tab'-Fish Data Base file, you saved before
3. In the second window that pops-up you select a folder that Excel-sheet, the script is producing, is saved to
4. If the script can localize Microsoft excel on you computer it will automatically open the sheet for you and you can do with it whatever you want. Otherwise go to the folder you selected in the prior step and open the file there