Transcode System Flow Chart

Terminal / Shell

Parser.py

which will parse the arguments from terminal and pass them as json dict to next process

transcodeAPI.py

This will be a transcode library handler. Which will use library's modules to process them.

Transcode Library

This library will contains

- All modules, classes and methods .
- Third Party libraries or plug-in.

Also this will be unbound to any GUI. This can be access via importing the modules of it.

Production Sw (Maya/Nuke)

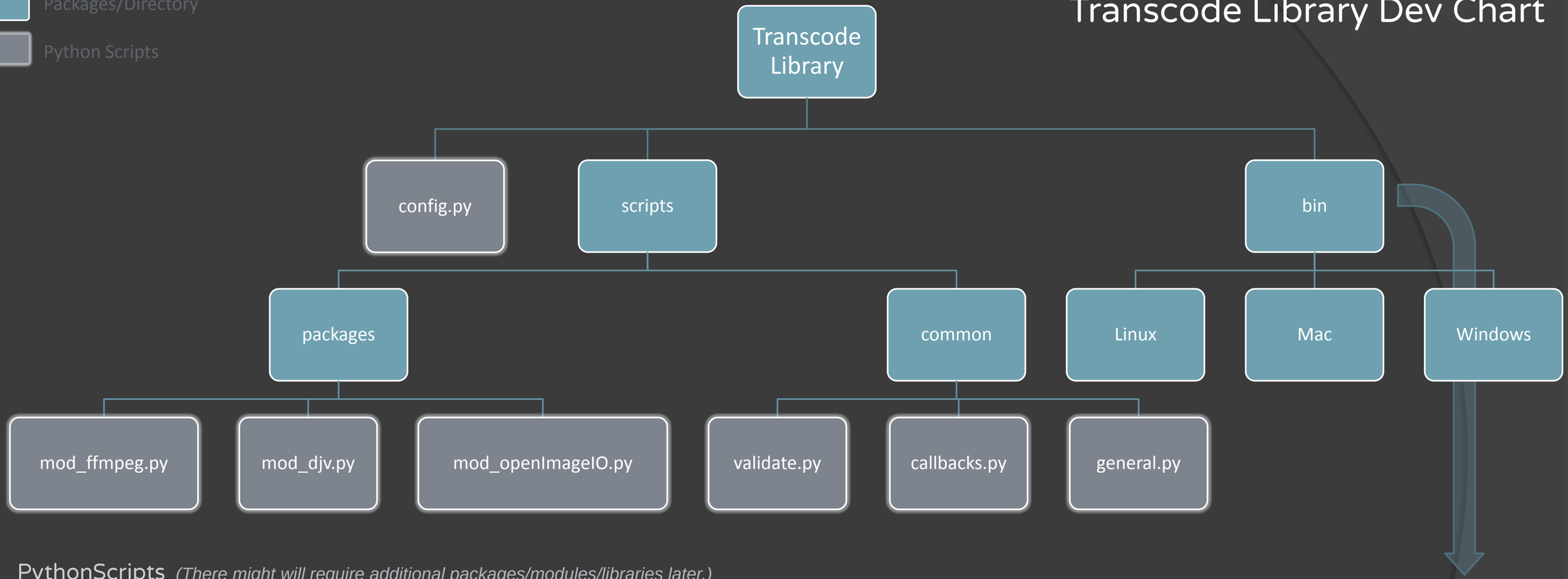
Scarecrow App

Any other service.

Transcode Library Dev Chart

Packages/Directory

Python Scripts



PythonScripts *(There might will require additional packages/modules/libraries later.)*

config.py	contains global variables/settings
mod_ffmpeg.py	This will contain the python methods to process the task with ffmpeg flags. i.e. make_img2mov(*args)
mod_djv.py	same as mod_ffmpeg but in this the DJV Lib will be used
mod_OpenImageIO.py	same as mod_ffmpeg but in this the OpenImageIO Lib will be used
validate.py	validations for the arguments i.e. isValid_Movie(), isValid_Seq()
callbacks.py	this will contains the callback methods for package's modules. i.e mod_ffmpeg.py
general.py	contains common utility functions (right now, it's not require but it might will later)

In **bin** folder,
there will be the frozen binary file of 3rd party libraries/plug-in