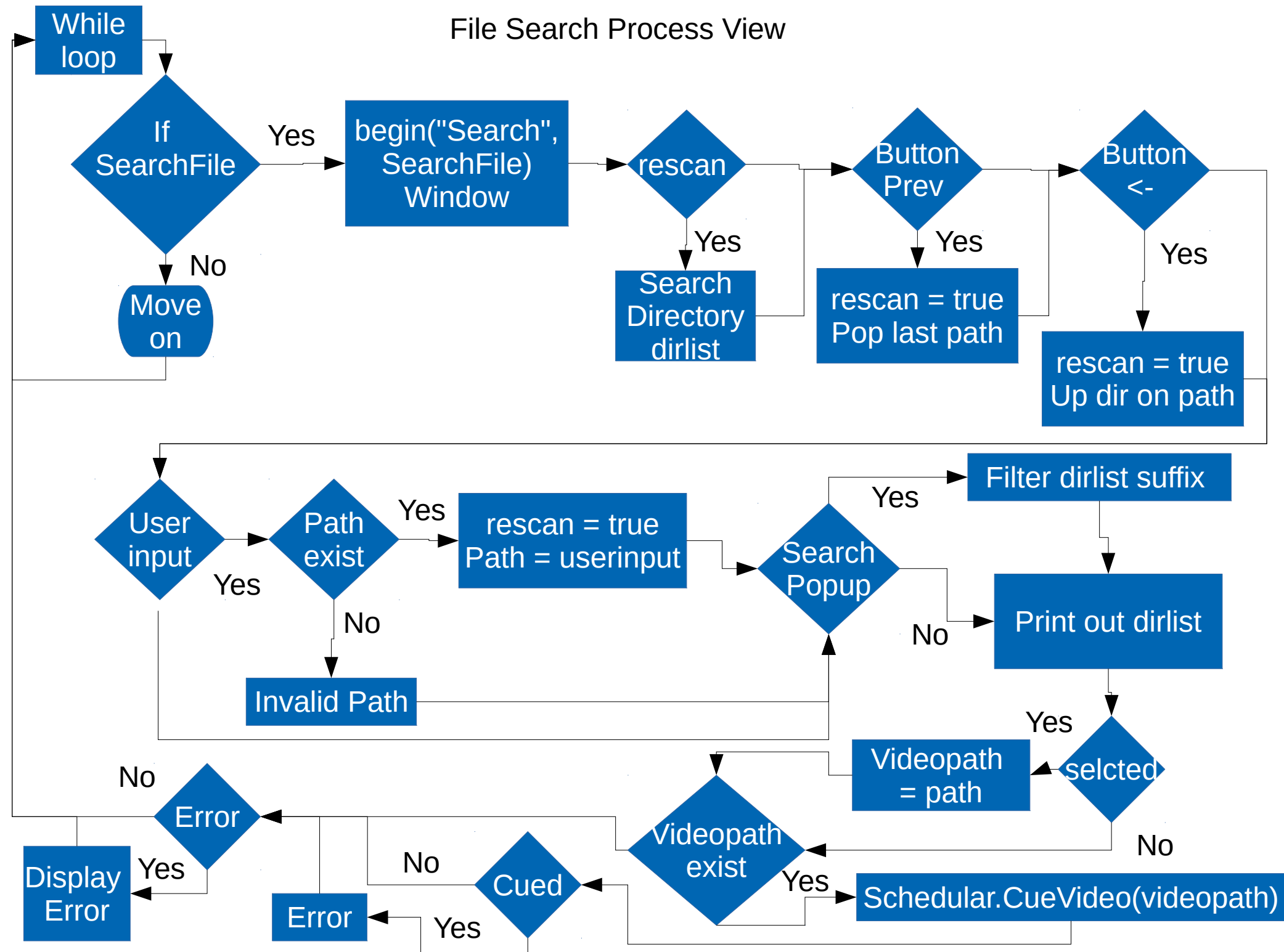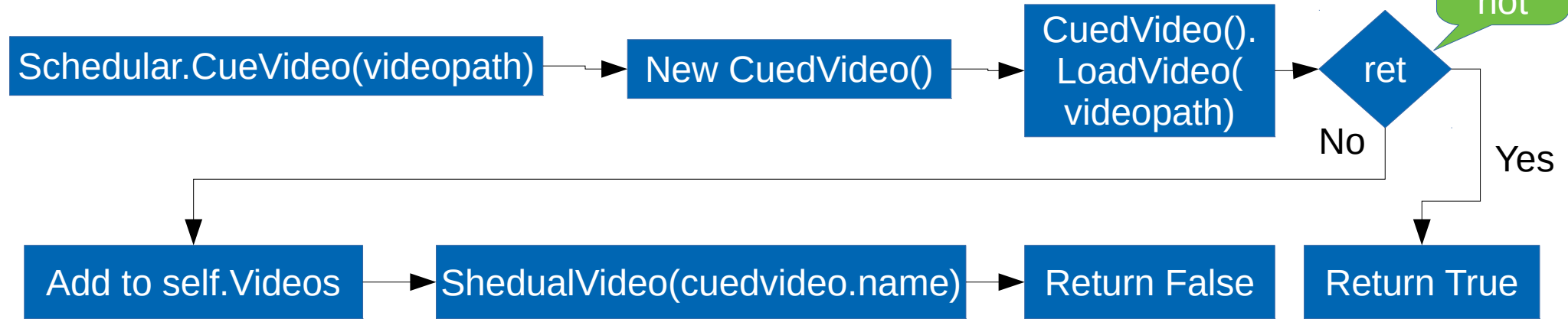|	
a.	IMGUI python wrapper. Everything to display is sent. Events are sent back
b.	Get monitor info
c.	Path is sent to pathlib and directories/files are sent back. Also test to see if path or file exist
d.(1,2)	(1) User's Home directory discovery and path split (2) file name from path
e.	The frames info is sent to OpenGl to be displayed
f.	This is sent by way of Schedular.cuedvideo(path) That a file path is sent and the response is if the load was successful or not
g. (1,2,3)	All of (1,2,3) are just different paths based on switches found within the while loop the ones that are true are sent on to bimpy to be displayed
h.	Command to display the next frame sent and result is sent back
I.	File path sent with open file stream received
j.	Current time of process running received
k.	Current time of process running recived
l.	This is sent by way of Schedular.cuevplblock(videoid,type,starttime,**kwargs) Where kwargs holds the info needed for the type of VPLblock being made. The result is returned as success or not.

File Search Process View

```
While loop
  ↓
If SearchFile —Yes→ begin("Search", SearchFile) Window → rescan —Yes→ Search Directory dirlist
  │No                                                      │
  ↓                                                        ↓
Move on                                             Button Prev —Yes→ rescan = true Pop last path
                                                           │
                                                           ↓
                                                     Button <- —Yes→ rescan = true Up dir on path
```

```
User input —Yes→ Path exist —Yes→ rescan = true Path = userinput → Search Popup —Yes→ Filter dirlist suffix
   │Yes              │No                                                    │No              ↓
   │                 ↓                                                       ↓        Print out dirlist
   │           Invalid Path                                          Print out dirlist        ↓
   │                                                                                     selcted —Yes→ Videopath = path
   │                                                                                       │No
   │                                                                                       ↓
Display Error —No— Error                                    Videopath exist —Yes→ Schedular.CueVideo(videopath)
        │Yes          │                                          │
        └─── Error ── Cued —No                                   ↓
                       │Yes                               Videopath exist
```

Schedular.CueVideo(videopath) Process View

Schedular.CueVideo(videopath) → New CuedVideo() → CuedVideo().LoadVideo(videopath) → ret

Error or not

ret — Yes → Return True

ret — No → Add to self.Videos → ShedualVideo(cuedvideo.name) → Return False

CuedVideo().LoadVideo(videopath) Process View

CuedVideo().LoadVideo(videopath) → Set Vars → Try → Open file → ret

Try — catch → Return -1

ret → Get/set First frame → Return

ret → Return -1
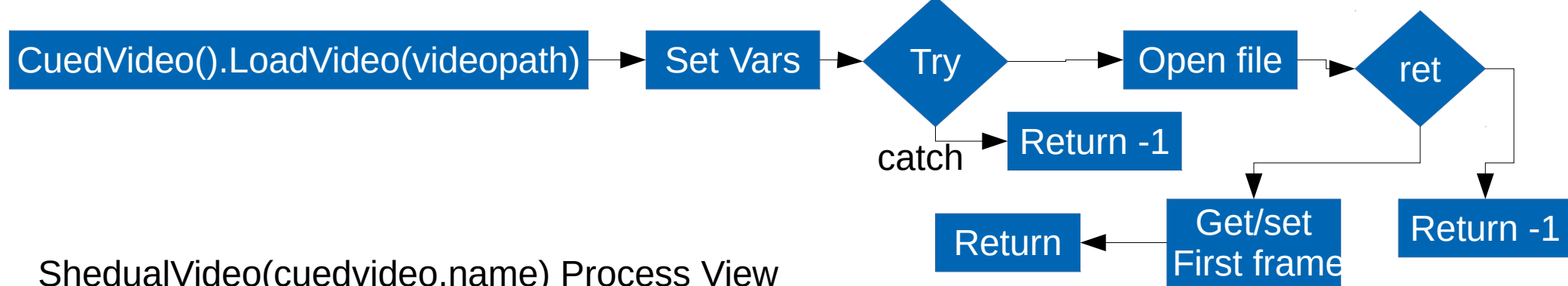
ShedualVideo(cuedvideo.name) Process View

ShedualVideo(cuedvideo.name) → If name in cue

If name in cue — No → Add name : ShedualVideo.index

If name in cue — Yes → Append index to name index list

Add name : ShedualVideo.index → Set index fram - 0

Append index to name index list → Set index fram - 0

Set index fram - 0 → Set index starttime To self.FullRunTime → Index = index + 1 → self.FullRunTime + Video deration