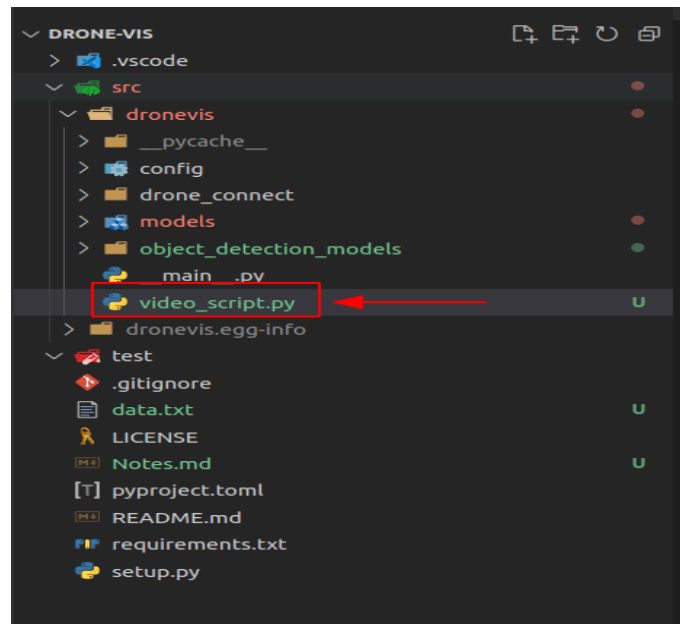


# Notes for Better Readability

1. Class names should be pascal case: `fasterRCNN_model` -> `FasterRCNNModel`.
2. Parsers should be in their own files as scripts. For example, you can a separate script for running a video stream:

## Adding a script file



## Adding script command into the library configs

From `pyproject.toml` in `[project.scripts]` section, add your script file and it should be called from the terminal.

```
4 build = ["build", "twine"]
5 dev  = ["black", "bumpver"]
6
7 [project.scripts]
8 dronevis = "dronevis. main :main"
9 video_detect = "dronevis.video_script:run_video"
10 # terminal_command = <libraryname.script_file.function>
11
12 [project.urls]
13 repository = "https://github.com/ahmedheakl/drone-vis"
14
15 [tool.bumpver]
16 current_version = "0.0.1"
17 version_pattern = "MAJOR.MINOR.PATCH"
18 commit_message = "bump version {old_version} -> {new_version}"
19
20 [tool.bumpver.file_patterns]
21 "pyproject.toml" = [
22     'current_version = "{version}"',
23     'version = "{version}"',
24 ]
25
26 "src/dronevis/_main_.py" = ["- dronevis v{version}"]
```

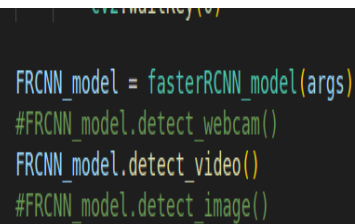
## Run from terminal

You can now run the script from the terminal with the required parser args.



```
heakl@heakl-Lenovo-Legion-5-15IMH05H:~/Desktop/drone-vis$ video_detect --input=dog.png
```

3. Don't use direct command in src files, like so:



```
def main():  
    FRCNN_model = fasterRCNN_model(args)  
    #FRCNN_model.detect_webcam()  
    FRCNN_model.detect_video()  
    #FRCNN_model.detect_image()
```

You can rather use,

```
if __name__ == "__main__":  
    # your code here
```

so that your testing code won't run in the production env.

You can also add a script in `examples` folder as docs to the end user.

4. Too much comments are not needed, the code *should speak for itself*.