```
Logger

- consoleOutput

- fileOutput

- log_filename

- file

- write_lock

- display_lock

- priority

+ enableConsoleOutput()

+ disableConsoleOutput()

+ isConsoleOutputEnabled()
```

+ enableFileOutput()+ disableFileOutput()+ isFileOutputEnabled()

make this class abstract()

+ setFilename()+ setPriority()

 $+ \log()$