```
logger::Logger

# is_a_stopper

+ logStep()
+ reachedStopCriteria()
+ getLoggedData()
+ clearLoggerData()
+ initializeLoggerPrinter()
+ printLoggerStatus()
+ getlfLoggerlsStopper()
+ ~Logger()
```

logger::lterationLogger

max_iterationsiterations

+ reachedStopCriteria()

- iterations + IterationLogger()

+ logStep()

+ getLoggedData() + clearLoggerData()

+ initializeLoggerPrinter()
+ printLoggerStatus()