```
logger::Logger

# is_a_stopper

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

logger::IterationLogger

max_iterationsiterations

+ IterationLogger()
+ logStep()

+ reachedStopCriteria()+ getLoggedData()+ clearLoggerData()+ initializeLoggerPrinter()+ printLoggerStatus()