**Log4j**

Log 4j2 property files can be kept in the src/main/resources in the following name

**Log4j2.properties**

name=PropertiesConfig

property.filename =Logs --- name of the log folder n

appenders =console,file -- indicates whether the logger should be present in console

or file or both

appender.console.type = Console

appender.console.name = STDOUT

appender.console.layout.type = PatternLayout

appender.console.layout.pattern = [%-5level] %d{yyyy-MM-dd HH:mm:ss.SSS} [%t] %c**{1}** - %msg%n

appender.file.type = File

appender.file.name = LOGFILE

appender.file.fileName=${filename}/Mylogs.log

appender.file.layout.type=PatternLayout

appender.file.layout.pattern=[%-5level] %d{yyyy-MM-dd HH:mm:ss.SSS} [%t] %c**{1}** - %msg%n

appender.file.append =true ---- whether the logs should append

or not

loggers=file

logger.file.name=com.amazon.selenium.base -- mention the package whether the parent

class is present and using LoggerManager instantiate the logger object

logger.file.level = DEBUG

logger.file.appenderRefs = file

logger.file.appenderRef.file.ref = LOGFILE

rootLogger.level = DEBUG

rootLogger.appenderRefs = STDOUT

rootLogger.appenderRef.stdout.ref = STDOUT

to turn off the logger you can make the following two levels off ie logger.file.level =off and rootlogger.level = off

For instantiating the Logger object in the main class

**public** **static** Logger *log* = LogManager.*getLogger*(SeleniumBase.**class**);

and refer the package of this class in logger.file.name=com.amazon.selenium.base