Logging for Java Developers

Introduction

Logging frameworks

Log4j

SLF4J

Maven dependencies

Example code

Reference:

**public**

**void** doConfigure(String configFileName, LoggerRepository hierarchy) {

Properties props = **new** Properties();

FileInputStream istream = **null**;

**try** {

istream = **new** FileInputStream(configFileName);

props.load(istream);

istream.close();

}

**catch** (Exception e) {

**if** (e **instanceof** InterruptedIOException || e **instanceof** InterruptedException) {

Thread.*currentThread*().interrupt();

}

LogLog.*error*("Could not read configuration file ["+configFileName+"].", e);

LogLog.*error*("Ignoring configuration file [" + configFileName+"].");

**return**;

} **finally** {

**if**(istream != **null**) {

**try** {

istream.close();

} **catch**(InterruptedIOException ignore) {

Thread.*currentThread*().interrupt();

} **catch**(Throwable ignore) {

}

}

}

// If we reach here, then the config file is alright.

doConfigure(props, hierarchy);

}

Formatting:

|  |  |  |
| --- | --- | --- |
| Conversion Character | Effect and example | Detailed description |
| C | In.careerscale. |  |
|  |  |  |
|  |  |  |

<https://logging.apache.org/log4j/1.2/apidocs/org/apache/log4j/PatternLayout.html>

<http://logging.apache.org/log4j/2.x/manual/layouts.html>

References:

<http://logging.apache.org/log4j/2.x/log4j-users-guide.pdf>

<http://logging.apache.org/log4j/2.x/manual/architecture.html>

<http://logging.apache.org/log4j/2.x/manual/configuration.html>

<http://www.laliluna.de/download/log4j-tutorial-en.pdf>