Apache Commons Net – FTP

**Logback**: Logback is a logging framework for Java applications, created as a successor to the popular log4j project. It is faster execution compared to log4j.

The Logback project is organized in main 3 modules:

* *logback-core* – contains the basic logging functionality
* *logback-classic* – contains additional logging improvements, such as slf4j support
* *logback-access* – provides integration with servlet containers, such as Tomcat and Jetty

<dependency>

<groupId>ch.qos.logback</groupId>

<artifactId>logback-classic</artifactId>

<version>1.2.3</version>

</dependency>

**Logback.xml**

<configuration>

<appender name="STDOUT" class="ch.qos.logback.core.ConsoleAppender">

<encoder>

<pattern>%d{HH:mm:ss.SSS} [%thread] %-5level %logger{50} - %msg%n</pattern>

</encoder>

</appender>

<root level="debug">

<appender-ref ref="STDOUT" />

</root>

</configuration>