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Log4j Example Using Log4j Xml File

We can also use an xml file named log4j.xml to configure the Log4j. Let us discuss the use of log4j.xml configuration file with the help of below example.

Example:

Log4jTest.java

```java
import org.apache.log4j.Logger;

/**
 * This class is used to show the use of
 * Log4j with the log4j.xml file.
 * @author javawithease
 */
public class Log4jTest {
        //Get the Logger object.
        private static Logger log = Logger.getLogger(Log4jTest.class);

        public static void main(String[] args) {
                //Logger messages
                log.debug("Log4j debug message test.");
                log.info("Log4j info message test.");
                log.warn("Log4j warn message test.");
                log.error("Log4j error message test.");
                log.fatal("Log4j fatal message test.");
        }
}
```

log4j.xml

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE log4j:configuration SYSTEM "log4j.dtd">
<log4j:configuration xmlns:log4j='http://jakarta.apache.org/log4j/'>
        <appender name="CA" class="org.apache.log4j.ConsoleAppender">
                <layout class="org.apache.log4j.PatternLayout">
                        <param name="ConversionPattern" value="%m%n" />
                </layout>
        </appender>
        <root>
                <level value="info" />
                <appender-ref ref="CA" />
        </root>
</log4j:configuration>
```

Output:

```
Log4j info message test.
Log4j warn message test.
Log4j error message test.
Log4j fatal message test.
```

Download this example. (http://tutorialspointexamples.com/wp-content/uploads/2014/09/Log4jExample5.rar)

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