

Log4j Configuration

With SCREENSHOTS

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Required Files :

- 1. log4j.properties**
- 2. log4j-1.2.14.jar**
- 3. ApplicationContextListener.java**
- 4. web.xml**
- 5. Sample.java**

log4j.properties

```
log4j.additivity.xmlLogger=true
log4j.logger.xmlLogger=debug, X
log4j.appender.X.encoding=UTF-8
log4j.appender.X.File=SSXML.log
log4j.appender.X.MaxBackupIndex=5
log4j.appender.X.layout.ConversionPattern=[%d{dd MMM yyyy HH:mm:ss,SSS} \: %-5p -%F]- %m
%n%n
log4j.appender.X=org.apache.log4j.RollingFileAppender
log4j.appender.X.layout=org.apache.log4j.PatternLayout
log4j.appender.X.MaxFileSize=2MB
```

AppContextListener.java

```
package com.newgen.jsp;
```

```
import java.io.File;
import javax.servlet.ServletContext;
import javax.servlet.ServletContextEvent;
import javax.servlet.ServletContextListener;

import org.apache.log4j.PropertyConfigurator;

public class AppContextListener implements ServletContextListener {
    @Override
    public void contextInitialized(ServletContextEvent servletContextEvent) {
        System.out.println("Context to be initialized of UpdateVendorMaster at " + (new
java.util.Date()));
        try
        {
            ServletContext s_con= servletContextEvent.getServletContext();
            String log4jConfigFile = s_con.getInitParameter("log4j-config-location");
            String fullPath = s_con.getRealPath("") + File.separator + log4jConfigFile;

            PropertyConfigurator.configure(fullPath);
        }
        catch (Exception e) {
            e.printStackTrace();
        }
    }
    @Override
    public void contextDestroyed(ServletContextEvent arg0) {

        // Your code here
        System.out.println("Context has been destroyed of UpdateVendorMaster at" + (new
java.util.Date()));
    }
}
```

web.xml

```
<context-param>
  <param-name>log4j-config-location</param-name>
  <param-value>WEB-INF/log4j.properties</param-value>
</context-param>
<listener>
  <listener-class>com.newgen.jsp.AppContextListener</listener-class>
</listener>
```

Sample.java

```
import org.apache.log4j.Logger;
public class Sample{
private static Logger loggerXml =Logger.getLogger("xmlLogger");
public static String your_method(VendorMaster inputs) {
loggerXml.debug("display your log here");
return outputs;
}
}
```



log4j-1.2.14.jar (Command Line)