

SyslogTCPAppender

Is based on Syslog4JAppender.

Java Project – Properties—Java Build Path---Add External JARs:

Log4j

Syslog4j (<http://syslog4j.org/#download>)

SyslogTCPAppender

In Project:

```
import org.apache.log4j.xml.DOMConfigurator;
```

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

```
private static Logger tcpLogger = Logger.getLogger( "SyslogTCPLogger" );
```

```
Logclass() {
    try
    {
        ...
    }
    catch( Exception ex )
    {
        // Stacktrace
        tcpLogger.error( ex, ex);
        // Message
        tcpLogger.warn("Message");
    }
}
```

XML-File:

Change Values for Facility, Port and Sysloghost. Layout class should not be changed.

For Conversion Pattern see

<http://logging.apache.org/log4j/companions/extras/apidocs/org/apache/log4j/EnhancedPatternLayout.html>.

The event is formatted according to Syslog protocol standard (RFC 5424). Therefore it's not necessary to configure date formatting in conversion pattern.

```
<?xml version="1.0" encoding="UTF-8" ?>
```

```
<!DOCTYPE log4j:configuration SYSTEM "log4j.dtd">
```

```
<log4j:configuration xmlns:log4j="http://jakarta.apache.org/log4j/">
```

```
  <appender name="SyslogTCPLogger" class="SyslogTCPAppender">
```

```
    <param name="Facility" value="LOCAL7"/>
```

```
    <param name="Port" value="10514"/>
```

```
    <param name="SyslogHost" value="192.168.136.142"/>
```

```
<layout class="org.apache.log4j.EnhancedPatternLayout">
  <param name="ConversionPattern" value=" %m %throwable " />

</layout>
</appender>

<logger name="SyslogTCPLogger" additivity="false">
  <level value="INFO" />
  <appender-ref ref="SyslogTCPLogger" />
</logger>

<root>
  <priority value="INFO" />
  <appender-ref ref="SyslogTCPLogger" />
</root>

</log4j:configuration>
```

Feedback, comments and suggestions are appreciated. Please mail ugerhards@adiscon.com!