

# Logback EventLog



NEMA 5-15-P



NEMA 1-15-P



IEC 320 C13/C14



IEC 320 C5



IEC 320 C7  
(non-polarized)



IEC 320 C7  
(polarized)



CEE 7/7

```
<appender name="CONSOLE"  
  class="ch.qos.logback.core.ConsoleAppender">  
  <encoder  
    class="ch.qos.logback.classic.encoder.PatternLayoutEncoder">  
      <pattern>%d{HH:mm:ss.SSS} [%thread] %-5level %logger{36} - %msg%n  
    </pattern>  
  </encoder>  
</appender>  
<root level="DEBUG">  
  <appender-ref ref="CONSOLE" />  
</root>
```

# JNA and Pinvoke Wrapper Functions



# JNA and Pinvoke Wrapper Functions

```
BOOL ReportEventA(  
[in] HANDLE hEventLog, [in] WORD wType, [in] WORD wCategory,  
[in] DWORD dwEventID, [in] PSID lpUserSid, [in] WORD wNumStrings,  
[in] DWORD dwDataSize, [in] LPCSTR *lpStrings, [in] LPVOID lpRawData)
```

<https://learn.microsoft.com/en-us/windows/win32/api/winbase/nf-winbase-reporteventa>

```
static extern int ReportEvent(  
IntPtr hHandle, ushort wType, ushort wCategory,  
uint dwEventID, IntPtr uSid, ushort wStrings,  
uint dwDataSize, string[] lpStrings, byte bData)
```

<https://www.pinvoke.net/search.aspx?search=ReportEvent>

```
boolean com.sun.jna.platform.win32.Advapi32.ReportEvent(  
HANDLE hHandle, int wType, int wCategory,  
int dwEventID, PSID lpUserSid, int wNumStrings,  
int dwDataSize, String[] lpStrings, Pointer lpRawData)
```

<https://github.com/java-native-access/jna/blob/master/contrib/platform/src/com/sun/jna/platform/win32/Advapi32.java#L1650>