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Override logging in WildFly/JBoss

logback

. logback

- logback add-logging-api-dependencies false
- jboss-deployment-structure.xml
- logback slf4j

add-logging-api-dependencies

add-logging-api-dependencies
follow CLI

```
/subsystem=logging:write-attribute(name=add-logging-api-dependencies,value=false)
```

CLI

standalone.xml

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```
<subsystem xmlns="urn:jboss:domain:logging:6.0">
  <add-logging-api-dependencies value="false"/>
  <console-handler name="CONSOLE">
    <level name="INFO"/>
    <formatter>
      <named-formatter name="COLOR-PATTERN"/>
    </formatter>
  </console-handler>
  <periodic-rotating-file-handler name="FILE" autoflush="true">
    <formatter>
      <named-formatter name="PATTERN"/>
    </formatter>
    <file relative-to="jboss.server.log.dir" path="server.log"/>
    <suffix value=".yyyy-MM-dd"/>
    <append value="true"/>
  </periodic-rotating-file-handler>
  <logger category="com.arjuna">
    <level name="WARN"/>
  </logger>
  <logger category="io.jaegertracing.Configuration">
    <level name="WARN"/>
  </logger>
  <logger category="org.jboss.as.config">
    <level name="DEBUG"/>
  </logger>
  <logger category="sun.rmi">
```

```
        <level name="WARN"/>
    </logger>
    <root-logger>
        <level name="INFO"/>
        <handlers>
            <handler name="CONSOLE"/>
            <handler name="FILE"/>
        </handlers>
    </root-logger>
    <formatter name="PATTERN">
        <pattern-formatter pattern="%d{yyyy-MM-dd HH:mm:ss,SSS} %-5p
[%c] (%t) %s%n"/>
    </formatter>
    <formatter name="COLOR-PATTERN">
        <pattern-formatter pattern="%K{level}%d{HH:mm:ss,SSS} %-5p
[%c] (%t) %s%n"/>
    </formatter>
</subsystem>
```

implicit

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jboss-deployment-structure.xml

jboss-deployment-structure.xml

/META-INF/jboss-deployment-structure.xml

```
<jboss-deployment-structure>
  <deployment>
    <!-- exclude-subsystem prevents a subsystems deployment unit processors
running on a deployment -->
    <!-- which gives basically the same effect as removing the subsystem,
but it only affects single deployment -->
    <exclude-subsystems>
      <subsystem name="logging" />
    </exclude-subsystems>
  </deployment>
</jboss-deployment-structure>
```

Wildfly / JBoss Application

```
TEST.ear
|--/META-INF/application.xml
|--/META-INF/jboss-deployment-structure.xml
```

```
|--/TEST.war ==> check this archive file exists
```

- <https://stackoverflow.com/questions/21846329/override-logging-in-wildfly>
- <https://access.redhat.com/solutions/4566431>

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