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Turn on full logging in CI

 | Updated April 2, 2013 by [MartinBurch](#) | Tags: *None*

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Note <Install Directory> would be "C:\Program Files\IBM\TRIRIGA\CI-12" if you did not change the install directory.

Note <Log Directory> would be "%ALLUSERSPROFILE%\IBM\TRIRIGA\CAD Integrator\log". In Windows 7, this would be "C:\ProgramData\IBM\TRIRIGA\CAD Integrator\log", and in Windows XP, this would be "C:\Documents and Settings\All Users\IBM\TRIRIGA\CAD Integrator\log".

Full logging for ci.log

- The ci.log provides general logging by default, but can be updated to append full logging details when any issues are encountered.
- Open <Install Directory>\config\log4j.xml.
- Near the top, find the FILE appender. Change the Threshold from **INFO** to **DEBUG**:

```
<log4j:configuration xmlns:log4j="http://jakarta.apache.org/log4j/" debug="false">
  <!-- ===== -->
  <!--
  |           Preserve messages in a local file
  |
  |           Append messagae to the server.log file
  -->
  <!-- ===== -->
  <!-- A time/date based rolling appender -->
  <appender name="FILE" class="org.apache.log4j.DailyRollingFileAppender">
    <param name="File" value="C:/ProgramData/IBM/TRIRIGA/CAD Integrator/log/ci.log"/>
    <param name="Append" value="true"/>
    <!-- Set to DEBUG to enable full file logging. -->
    <param name="Threshold" value="INFO"/>

    <!-- Rollover at midnight each day -->
    <param name="DatePattern" value="'. 'yyyy-MM-dd'.log'"/>

    <!-- Rollover at the top of each hour -->
    <!--
    <param name="DatePattern" value="'. 'yyyy-MM-dd-HH'.log'"/>
    -->

    <layout class="org.apache.log4j.PatternLayout">
      <!-- The default pattern: Date Priority [Category] (Thread) Message\n -->
      <param name="ConversionPattern" value="%d %-5p [%c] (%t) %m%n"/>

      <!-- The full pattern: Date MS Priority [Category] (Thread:NDC) Message\n -->
      <!--
      <param name="ConversionPattern" value="%d %-5r %-5p [%c] (%t:%x) %m%n"/>
      -->
    </layout>
  </appender>
```

- Near the bottom of the file, find the IBM TRIRIGA CI category. Update the priority value from **INFO** to **DEBUG**.

```
<!-- IBM TRIRIGA CI -->
<category name="com.tririga.ci">
  <!-- Set to DEBUG to enable general client side logging. -->
  <priority value="INFO" />
</category>

<!-- Set to WARN to reduce the log clutter. -->
<!-- Set to DEBUG to log all xml communication (which can be considerable) -->
<category name="com.tririga.ci.xml">
  <priority value="WARN" />
</category>

<!-- ===== -->
<!--
|
|           Setup the Root category
|
-->
<!-- ===== -->
<!--
|   To have information log to the console un-comment the append-ref for console.
-->
<root>
```

- Start your CAD product.
- At this point the <Log Directory>\ci.log should output full logging.

Turn on ci.out logging

- The ci.out log provides additional information if there is any errors, and can be useful for support. Use these steps to enable this log file.
- WARNING:** The ci.out log does not roll, and can become quite big, so be sure to turn off the logging when you are done sending diagnostic information.
- Open <Install Directory>\config\ci.properties file
- To turn on the log, set the **LOG_PLUGIN_BRIDGE_TO_CI_OUT** property to "Y". Be sure to set it back to "N" when you are done, to prevent excessive logging.

```
## Controls general logging in the bridge and plugin to CI.out.
#   Y = Enable logging of the bridge and plugin to CI.out.
#   N = Disable logging of the bridge and plugin to CI.out.
#
#   Default is 'N'
#
LOG_PLUGIN_BRIDGE_TO_CI_OUT=N

## Controls logging of the Bridge XML
#   Y = Enable logging of the Bridge XML
#   N = Disable logging of the Bridge XML
#
#   Default is 'N'
#
LOG_BRIDGE_XML=N
```

- Start your CAD product.
- At this point the <Log Directory>\ci.out should be created and available for logging.
- Note that this log does not roll automatically so we recommend closing the CAD product and renaming the log file before sending to support.

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There are no comments.

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