CocoonLog4J

How to use Log4J instead of Avalon Logkit for Cocoon

This is written based on the 2.1.6-DEV version in SVN at 2004/10/13, so things might be different before or after this version.

1. **add this to web.xml** or, if it is already in comments, uncomment it:

```
<init-param>
      <param-name>logger-class</param-name>
      <param-value>org.apache.avalon.excalibur.logger.Log4J!LoggerManager</param-value>
</init-param>
```

2. **add log4j.jar** in WEB-INF/lib if needed

3. **create WEB-INF/classes/log4j.properties** to setup logging, or uncomment the following lines in web.xml to define the location of log4j.xconf (i.e. the XML version of the log4j.properties file). A sample log4j.xconf is already provided in WEB-INF.

```
<init-param>
  <param-name>log4j-config</param-name>
  <param-value>/WEB-INF/log4j.xconf</param-value>
</init-param>
```

4. (added by BertrandDelacretaz🙂 Another useful logging trick is to **use log4j for the output of ant** as well, by setting these options on the ant command line:

```
-listener org.apache.tools.ant.listener.Log4jListener
-Dlog4j.configuration=file:/path-to-log4j-config
```

This is very useful for crazy folk like me who start their production systems via ant 😉

Note: Make sure the path to the logfile exists. Log4J can create a non-existing file, but not non-existing directories!