Java14Proposals

There is a proposal for JMeter to require at least Java 1.4.

This has now been agreed; JMeter now requires at least Java 1.4

This gives the opportunity to make some changes and improvements.

JDBC Pooling

- might be worth replacing all the Excalibur stuff with standard Java pooling.
- or perhaps Commons DBCP

Regular Expressions

ORO works well - is there any point moving to java regular expressions?

Java REs allow look-behind matching; however there are some concerns about the way it treats line-endings. It appears that the line-endings can vary between Host OSes; this is not really suitable for JMeter.

Miscellaneous features

Remove work-rounds for the following:

- Boolean.toString *(now done)*
- Boolean.valueOf(boolean) *(now done)*
- String.replaceAll, String.split, String.replace *mostly done*
- URLDecoder / URLEncoder *(now done)*

Allow the use of the following:

- Runtime.getRuntime().maxMemory(); (Memory Benchmark class) *(now done)*

Additional Exceptions

- HTTPSampler and TCPClient could make use of more that just IOException

Chained Exceptions

- could remove/simplify JMeter and HTMLParse error/exception classes
- use getCause() to improve logging information

Probably not worth using

- LINE_END instead of EAST etc. This only makes sense if JMeter is updated to support BIDI.