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neo4j / neo4j

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Logging of messages made null-safe and fail-fast 🐛

Closed lutovich wants to merge 2 commits into neo4j:2.3 from lutovich:2.3-null-safe-logging

Conversation 12

Commits 2

Files changed 2

+207 -17



lutovich commented Apr 17, 2015

Collaborator

Make sure that we fail fast and not end up with partially written log messages when arguments of `FormattedLogger#writeLog` calls are wrong. Null messages and incorrect string formatting are considered wrong arguments.



lutovich added **kernel** **NOT READY FOR MERGE** **2.3** labels Apr 17, 2015



lutovich commented Apr 17, 2015

Collaborator

@cleishm what do you think about this change?



cleishm commented on the diff Apr 17, 2015

...ing/src/main/java/org/neo4j/logging/FormattedLog.java

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((6 lines not shown))

206	212	lineStart(out);
207	213	out.write(message);
208	-	out.write(' ');
209	-	out.write(throwable.getMessage());
210	-	out.println();
211	-	throwable.printStackTrace(out);
	214	+ if (throwable != null)



cleishm added a note Apr 17, 2015

Owner

This condition is already handled here:

<https://github.com/neo4j/neo4j/blob/2.3/community/logging/src/main/java/org/neo4j/logging/AbstractPrintWriterLogger.java#L67>

Add a line note



cleishm commented on the diff Apr 17, 2015

...ing/src/main/java/org/neo4j/logging/FormattedLog.java

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((6 lines not shown))

206	212	lineStart(out);
207	213	out.write(message);
208	-	out.write(' ');
209	-	out.write(throwable.getMessage());
210	-	out.println();
211	-	throwable.printStackTrace(out);
	214	+ if (throwable != null)
	215	+ {
	216	+ if (throwable.getMessage() != null)



cleishm added a note Apr 17, 2015

Owner

I wonder if this should also be handled in `AbstractPrintWriterLogger`, as the end result is the same as logging only a message, as it could call `#writeLog(PrintWriter out, String message`

Labels

2.3

kernel

NOT READY FOR M...

Milestone

No milestone


Assignee

No one assigned

3 participants



same as logging only a message - so it could call `#writeLog(PrintWriter out, String message)` instead. However, I was actually thinking it might be better to log at least the class name?

 **lutovich** added a note Apr 19, 2015

Collaborator

I agree class name should be logged and handling more things in `AbstractPrintWriterLogger` sounds like a good idea

Add a line note

 **cleishm** commented on the diff Apr 17, 2015


...ing/src/main/java/org/neo4j/logging/FormattedLog.java

[View full changes](#)




((22 lines not shown))

212	224	}
213	225	
214	226	<code>@Override</code>
215	227	<code>protected void writeLog(PrintWriter out, String format, Object[] a</code>
216	228	<code>{</code>
	229	<code>+ requireNonNull(format, "format");</code>
	230	<code>+ </code>
	231	<code>+ String message = String.format(format, arguments);</code>

 **cleishm** added a note Apr 17, 2015


Owner

Why `String.format()` over `PrintWriter#format()` ?

 **lutovich** added a note Apr 19, 2015

Collaborator


To make sure that message is valid before we start writing to `out` . If format is invalid `out.format` will throw `IllegalFormatException` and we'll have partially written message. This could probably be handled in `AbstractPrintWriterLogger` and it'll call simple `writeLog(PrintWriter out, String message)` if message is valid. wdyt?

 **cleishm** added a note Apr 19, 2015

Owner

I guess so. Feels wasteful to build a whole string in memory, just to then write it out - when it could be written out directly. I wonder if there is a way to validate without doing the actual message construction?

Add a line note

 **cleishm** commented on an outdated diff Apr 17, 2015

 Show outdated diff


 **cleishm** commented on the diff Apr 17, 2015

...ing/src/main/java/org/neo4j/logging/FormattedLog.java

[View full changes](#)



```
@@ -195,6 +197,8 @@ public FormattedLogger( Supplier<PrintWriter> writerSupp
195 197      @Override
196 198      protected void writeLog( PrintWriter out, String message )
197 199      {
200      +      requireNonNull( message, "message" );
```

 **cleishm** added a note Apr 17, 2015

Owner

This static method is new to me! Perhaps use it in `AbstractPrintWriterLogger` also?
<https://github.com/neo4j/neo4j/blob/2.3/community/logging/src/main/java/org/neo4j/logging/AbstractPrintWriterLogger.java#L51-L54>

Add a line note



tinwelint commented Apr 17, 2015

Collaborator

Please rebase on 2.3 now for a greener build



lutovich and others added some commits Apr 17, 2015



lutovich Logging of messages made null-safe and fail-fast. ...

aec9e55



lutovich Test output of FormattedLog

513568e



cleishm commented Apr 18, 2015

Owner

@**lutovich**: I added a commit to test the actual log output, which you might like to include in this PR - <https://github.com/cleishm/neo4j/commits/2.3-null-safe-logging>



lutovich commented Apr 19, 2015

Collaborator

@**cleishm** thanks for the review. I'll add date-supplier commit to this PR and fix all mentioned issues.



lutovich closed this Apr 19, 2015



lutovich deleted the `lutovich:2.3-null-safe-logging` branch Apr 19, 2015



lutovich restored the `lutovich:2.3-null-safe-logging` branch Apr 19, 2015

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