

Build and Source Control - Bug #6208

cleanup build warnings

03/25/2022 09:12 AM - Greg Shah

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Tomasz Domin	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		case_num:	
billable:	No	version:	
vendor_id:	GCD		
Description			

History

#1 - 03/25/2022 09:25 AM - Greg Shah

On my system, ./gradlew core results in the following:

```
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/AbstractQuery.java:378: warning: [deprecat
ion] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         if (DatabaseStatistics.isEnabled())
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/AbstractQuery.java:380: warning: [deprecat
ion] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         DatabaseStatistics.get().registerQuery(this);
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/PreselectQuery.java:5096: warning: [deprecat
ion] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         if (DatabaseStatistics.isEnabled())
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/PreselectQuery.java:5099: warning: [deprecat
ion] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         DatabaseStatistics.get().queryExecuted(this, database, hql);
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/RandomAccessQuery.java:4414: warning: [dep
recation] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         if (DatabaseStatistics.isEnabled())
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/RandomAccessQuery.java:4417: warning: [dep
recation] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         DatabaseStatistics.get().queryExecuted(this, database, hql);
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/admin/client/application/home/console/recordlocks/
RecordLocksView.java:323: warning: [deprecation] showFilterDialog(String,HasWidgets,Consumer<String>) in Input
Dialog has been deprecated
[ant:javac]         inputDialog.showFilterDialog(
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/admin/client/application/home/print/PrintPreviewVi
ew.java:457: warning: [deprecation] showFilterDialog(String,HasWidgets,Consumer<String>) in InputDialog has be
en deprecated
[ant:javac]         inputDialog.showFilterDialog(
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/main/StandardServer.java:1290: warning: [deprecati
on] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         DatabaseStatistics.get();
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/main/StandardServer.java:1303: warning: [deprecati
on] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         if (DatabaseStatistics.isEnabled())
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/main/StandardServer.java:1305: warning: [deprecati
on] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         DatabaseStatistics.get().collectStatistics();
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/main/WebClientsManager.java:242: warning: [depreca
```

```

tion] SslContextFactory() in SslContextFactory has been deprecated
[ant:javac]         SslContextFactory sslContextFactory = new SslContextFactory();
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/web/GenericWebServer.java:675: warning: [deprecati
on] SslContextFactory() in SslContextFactory has been deprecated
[ant:javac]         SslContextFactory sslContextFactory = new SslContextFactory();
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/oo/web/WebResponseWriter.java:517: warning: [depre
cation] setStatus(int,String) in HttpServletResponse has been deprecated
[ant:javac]         httpResponse.setStatus(response.ref().getStatusCode().intValue(),
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/dialect/P2JPostgreSQLDialect.java:2129: wa
rning: [deprecation] toInputStream(String) in IOUtils has been deprecated
[ant:javac]         return IOUtils.toInputStream(data);
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/id/IdentityPool.java:593: warning: [deprec
ation] JdbcKeyRetriever in com.goldencode.p2j.persist.id has been deprecated
[ant:javac]         keyRetriever = new JdbcKeyRetriever();
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/id/IdentityPool.java:596: warning: [deprec
ation] StoredProcKeyRetriever in com.goldencode.p2j.persist.id has been deprecated
[ant:javac]         keyRetriever = new StoredProcKeyRetriever();
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/orm/UnclosablePreparedStatement.java:311:
warning: [deprecation] setUnicodeStream(int,InputStream,int) in PreparedStatement has been deprecated
[ant:javac]     public void setUnicodeStream(int parameterIndex, InputStream x, int length) throws SQLException
{
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/orm/UnclosablePreparedStatement.java:312:
warning: [deprecation] setUnicodeStream(int,InputStream,int) in PreparedStatement has been deprecated
[ant:javac]         this.target.setUnicodeStream(parameterIndex, x, length);}
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/web/SecureWebServer.java:178: warning: [deprecati
on] SslContextFactory() in SslContextFactory has been deprecated
[ant:javac]         SslContextFactory sslContextFactory = new SslContextFactory();
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/rest/JsonResponseArguments.java:286: warning: [dep
recation] put(String,JsonNode) in ObjectNode has been deprecated
[ant:javac]         jsonResponse.put(attr, (ObjectNode) val);
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/util/FileStream.java:1400: warning: ThreadLocalCod
ers is internal proprietary API and may be removed in a future release
[ant:javac]         decoder = ThreadLocalCoders.decoderFor(sourceCharset);
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/security/AcmeClient.java:532: warning: [deprecati
on] TlsSni01Challenge in org.shredzone.acme4j.challenge has been deprecated
[ant:javac]         if (!acceptTlsSniChallenge(((TlsSni01Challenge) challenge).getSubject()),
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/security/ManagedWebServer.java:197: warning: [depr
ecation] SslContextFactory() in SslContextFactory has been deprecated
[ant:javac]         SslContextFactory sslContextFactory = new SslContextFactory();
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/driver/swing/SwingKeyboardReader.java:19
0: warning: [deprecation] setModifiers(int) in KeyEvent has been deprecated
[ant:javac]         last.setModifiers(last.getModifiers() | InputEvent.SHIFT_MASK);
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/driver/swing/SwingKeyboardReader.java:19
4: warning: [deprecation] setModifiers(int) in KeyEvent has been deprecated
[ant:javac]         last.setModifiers(last.getModifiers() | InputEvent.ALT_MASK);
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/driver/swing/SwingKeyboardReader.java:19
8: warning: [deprecation] setModifiers(int) in KeyEvent has been deprecated
[ant:javac]         last.setModifiers(last.getModifiers() | InputEvent.CTRL_MASK);
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/gui/driver/web/GuiWebDriver.java:2725: w
arning: [deprecation] getTextWidth(String,int) in GuiWebSocket has been deprecated
[ant:javac]         scaleX = (double)websock.getTextWidth(TEXT_SAMPLE_MONO, fd.font)/
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/gui/driver/web/GuiWebDriver.java:2731: w
arning: [deprecation] getTextWidth(String,int) in GuiWebSocket has been deprecated
[ant:javac]         wRes = websock.getTextWidth(text, fd.font);
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/gui/driver/web/GuiWebDriver.java:2736: w
arning: [deprecation] getTextWidth(String,int) in GuiWebSocket has been deprecated
[ant:javac]         scaleX = (double)websock.getTextWidth(TEXT_SAMPLE, fd.font)/

```

```

[ant:javac]
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/xml/XDocumentImpl.java:1495: warning: [deprecation
] setEncoding(String) in CoreDocumentImpl has been deprecated
[ant:javac] ((DocumentImpl) xdoc).setEncoding(encodingStr);
[ant:javac]
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/util/DatabaseDumpChecker.java:216: warning: ThreadLocalCoders is internal proprietary API and may be removed in a future release
[ant:javac] CharsetDecoder decoder = ThreadLocalCoders.decoderFor(sourceCS);
[ant:javac]
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/util/DatabaseDumpChecker.java:220: warning: ThreadLocalCoders is internal proprietary API and may be removed in a future release
[ant:javac] CharsetEncoder encoder = ThreadLocalCoders.encoderFor(targetCS);
[ant:javac]
[ant:javac] Note: Some input files use unchecked or unsafe operations.
[ant:javac] Note: Recompile with -Xlint:unchecked for details.
[ant:javac] 33 warnings
> Task :ant-compile

> Task :ant-aspectj
[ant:iajc] warning at /home/ges/projects/3821c/build/classes!com/goldencode/util/LoggingAspect.class::0 advice defined in com.goldencode.util.LoggingAspect has not been applied [Xlint:adviceDidNotMatch]
[ant:iajc] warning at /home/ges/projects/3821c/build/classes!com/goldencode/p2j/aspects/LoadLegacyClassAspect.class::0 advice defined in com.goldencode.p2j.aspects.LoadLegacyClassAspect has not been applied [Xlint:adviceDidNotMatch]

> Task :ant-jar
> Task :ant-native_prepare

> Task :ant-native
[ant:echo]
[ant:javadoc] javadoc: warning - Multiple sources of package comments found for package "javax.servlet.http"
[ant:javadoc] javadoc: warning - Multiple sources of package comments found for package "javax.servlet"

```

I'm not sure everyone sees the AspectJ warnings, but I think everyone sees the others.

Either way, please eliminate all of these warnings, including the deprecated notices.

I understand the idea of using `@Deprecated`. It might be OK, if we only left these warnings for a short period of time and they always got cleaned up (fairly quickly). That is not ever what happens. Instead, there is an ever growing, never shrinking list of deprecated warnings in the build. There is a real cost to that list. When there are errors, one must search carefully through the output to find the real problems. We are going to eliminate all of them. Yes, all of them.

- If the `@Deprecated` code is in FWD, we will discuss the approach. Best case, we rework the call sites to eliminate the usage and then actually delete the `@Deprecated` code. Worst case is we remove the `@Deprecated` annotation and move on with our lives, guilt-free.
- If the `@Deprecated` is outside of FWD, we will need to evaluate the usage. I think we eliminate the usage or we remap the usage to something not `@Deprecated`.

In regard to J2SE `@Deprecated` code, please note that in [#5567](#) we will be moving to Java 11. That shift may require that we eliminate some of this usage. To the degree that it is easier to eliminate that usage in [#5567](#), I am OK deferring that work briefly. Otherwise, it all goes.

#2 - 03/25/2022 01:36 PM - Ovidiu Maxiniuc

Some notes on warning related to persistence:

- The first half a dozen warnings are generated by DatabaseStatistics. It is "dangling" since we switch away from Hibernate. Although I have never seen it in action, the result might be useful sometime in the future. For a minimal insight into database activity, have the SQLStatementLogger, but it is very verbose while activated and does not gather statistical data at any level. We could just drop it or, if we decide to implement it with the new ORM, a new layer needs to be created to do the counting and timings. Some time ago we wrote temporary routines for timing some parts of FWD so this is definitely useful. I think the class (and its companions QueryStatistics, SecondLevelCacheStatistics, Statistics should be dropped and equivalent code written in SQLQuery first time when needed.
- JdbcKeyRetriever and StoredProcKeyRetriever: to be removed along with KeyRetriever interface.
- UnclosablePreparedStatement: this class inherits the setUnicodeStream() from its interface. I do not know how/if we can avoid this warning.

Eric, do you agree ?

#3 - 03/25/2022 02:20 PM - Eric Faulhaber

Ovidiu Maxiniuc wrote:

- The first half a dozen warnings are generated by DatabaseStatistics. It is "dangling" since we switch away from Hibernate. Although I have never seen it in action, the result might be useful sometime in the future. For a minimal insight into database activity, have the SQLStatementLogger, but it is very verbose while activated and does not gather statistical data at any level. We could just drop it or, if we decide to implement it with the new ORM, a new layer needs to be created to do the counting and timings. Some time ago we wrote temporary routines for timing some parts of FWD so this is definitely useful. I think the class (and its companions QueryStatistics, SecondLevelCacheStatistics, Statistics should be dropped and equivalent code written in SQLQuery first time when needed.

Although we did not prioritize this tooling when removing Hibernate, I don't want to throw this code away. We have other tools which can help with this kind of diagnosis (e.g. pgBadger, YourKit, ...), but I found the output of this tooling pretty useful for tracking down problem queries. However, I don't want to spend any time reimplementing this in the near term to work with the new ORM code. It is a longer term TODO and any new implementation would be different in several ways. I'm not sure I want to replicate what Hibernate was doing; I just used that functionality because it already was there in Hibernate, but it was not ideal. Let's remove the @Deprecated tags to eliminate the compile warnings, and put TODO comments in the code instead, so we know not to throw away the code.

- JdbcKeyRetriever and StoredProcKeyRetriever: to be removed along with KeyRetriever interface.

Yes, I don't see us using these approaches in the future. They can be removed.

- UnclosablePreparedStatement: this class inherits the setUnicodeStream() from its interface. I do not know how/if we can avoid this warning.

Won't the @SuppressWarnings annotation silence the compile warning?

#4 - 03/28/2022 09:12 AM - Tomasz Domin

- Status changed from New to WIP

#5 - 03/28/2022 02:18 PM - Tomasz Domin

- % Done changed from 0 to 20

```
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/AbstractQuery.java:378: warning: [deprecat
ion] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         if (DatabaseStatistics.isEnabled())
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/AbstractQuery.java:380: warning: [deprecat
ion] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         DatabaseStatistics.get().registerQuery(this);
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/PreselectQuery.java:5096: warning: [deprecat
ion] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         if (DatabaseStatistics.isEnabled())
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/PreselectQuery.java:5099: warning: [deprecat
ion] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         DatabaseStatistics.get().queryExecuted(this, database, hql);
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/RandomAccessQuery.java:4414: warning: [dep
recation] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         if (DatabaseStatistics.isEnabled())
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/RandomAccessQuery.java:4417: warning: [dep
recation] DatabaseStatistics in com.goldencode.p2j.persist has been deprecated
[ant:javac]         DatabaseStatistics.get().queryExecuted(this, database, hql)
```

DatabaseStatistics - changed deprecated to TODO

```
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/id/IdentityPool.java:593: warning: [depreca
tion] JdbcKeyRetriever in com.goldencode.p2j.persist.id has been deprecated
[ant:javac]         keyRetriever = new JdbcKeyRetriever();
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/id/IdentityPool.java:596: warning: [depreca
tion] StoredProcKeyRetriever in com.goldencode.p2j.persist.id has been deprecated
[ant:javac]         keyRetriever = new StoredProcKeyRetriever();
[ant:javac]             ^
```

JdbcKeyRetriever, StoredProcKeyRetriever, KeyRetriever - removed, IdentityPool modified: removed private class KeyScanner, modified private enum ScanMethod, modified setScanStartKey to produce warning if scanning methods is not NONE

```
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/main/WebClientsManager.java:242: warning: [depreca
tion] SslContextFactory() in SslContextFactory has been deprecated
[ant:javac]         SslContextFactory sslContextFactory = new SslContextFactory();
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/web/GenericWebServer.java:675: warning: [deprecati
on] SslContextFactory() in SslContextFactory has been deprecated
[ant:javac]         SslContextFactory sslContextFactory = new SslContextFactory();
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/web/SecureWebServer.java:178: warning: [deprecatio
n] SslContextFactory() in SslContextFactory has been deprecated
[ant:javac]         SslContextFactory sslContextFactory = new SslContextFactory();
```

Changed SslContextFactory to SslContextFactory.Client or SslContextFactory.Server depending on a context.

```
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/util/FileStream.java:1400: warning: ThreadLocalCod
ers is internal proprietary API and may be removed in a future release
[ant:javac]         decoder = ThreadLocalCoders.decoderFor(sourceCharset);
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/util/DatabaseDumpChecker.java:216: warning: ThreadLoca
```

```
lCoders is internal proprietary API and may be removed in a future release
[ant:javac]      CharsetDecoder decoder = ThreadLocalCoders.decoderFor(sourceCS);
[ant:javac]      ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/util/DatabaseDumpChecker.java:220: warning: ThreadLocalCoders is internal proprietary API and may be removed in a future release
[ant:javac]      CharsetEncoder encoder = ThreadLocalCoders.encoderFor(targetCS);
```

I'd need to implement some kind of replacement ThreadLocal based CharsetEncoder cache inside DatabaseDumpChecker.

```
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/admin/client/application/home/console/recordlocks/RecordLocksView.java:323: warning: [deprecation] showFilterDialog(String,HasWidgets,Consumer<String>) in InputDialog has been deprecated
[ant:javac]      inputDialog.showFilterDialog(
[ant:javac]      ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/admin/client/application/home/print/PrintPreviewView.java:457: warning: [deprecation] showFilterDialog(String,HasWidgets,Consumer<String>) in InputDialog has been deprecated
[ant:javac]      inputDialog.showFilterDialog(
[ant:javac]      ^
```

According to related TODO I presume this method's logic needs to be moved to separate class,

```
* TODO: This method should not be here, InputDialog class should not handle any specific application logic
```

Is there a place to put such a class ? Maybe package com.goldencode.p2j.admin.client.application.home ?

```
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/xml/XDocumentImpl.java:1495: warning: [deprecation] setEncoding(String) in CoreDocumentImpl has been deprecated
[ant:javac]      ((DocumentImpl) xdoc).setEncoding(encodingStr);
[ant:javac]      ^
```

Renamed DocumentImpl.setEncoding to DocumentImpl.setXMLEncoding as they are the same.

```
ant: javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/driver/swing/SwingKeyboardReader.java:190
: warning: [deprecation] setModifiers(int) in KeyEvent has been deprecated
[ant: javac]         last.setModifiers(last.getModifiers() | InputEvent.SHIFT_MASK);
[ant: javac]         ^
[ant: javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/driver/swing/SwingKeyboardReader.java:19
4: warning: [deprecation] setModifiers(int) in KeyEvent has been deprecated
[ant: javac]         last.setModifiers(last.getModifiers() | InputEvent.ALT_MASK);
[ant: javac]         ^
[ant: javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/driver/swing/SwingKeyboardReader.java:19
8: warning: [deprecation] setModifiers(int) in KeyEvent has been deprecated
[ant: javac]         last.setModifiers(last.getModifiers() | InputEvent.CTRL_MASK);
```

KeyEvent in place modification is deprecated since JDK1.1.4, wrote replacement code - in case modifiers are needed KeyEvent is cloned with needed modifiers and put into front of the queue keyDownEvents in WinKeyboardReader

```
ant: javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/gui/driver/web/GuiWebDriver.java:2725: wa
rning: [deprecation] getTextWidth(String,int) in GuiWebSocket has been deprecated
[ant: javac]         scaleX = (double)websock.getTextWidth(TEXT_SAMPLE_MONO, fd.font)/
[ant: javac]         ^
[ant: javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/gui/driver/web/GuiWebDriver.java:2731: w
arning: [deprecation] getTextWidth(String,int) in GuiWebSocket has been deprecated
[ant: javac]         wRes = websock.getTextWidth(text, fd.font);
[ant: javac]         ^
[ant: javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/gui/driver/web/GuiWebDriver.java:2736: w
arning: [deprecation] getTextWidth(String,int) in GuiWebSocket has been deprecated
[ant: javac]         scaleX = (double)websock.getTextWidth(TEXT_SAMPLE, fd.font)/
```

Remote GuiWebSocket.getTextWidth is deprecated for single text sample, batch text width measuring method is recommended GuiWebSocket.getTextWidths instead. I guess the reason was to optimize remote calls, but there is not much to optimize, as public int getTextWidth(String text, FontDetails<Integer> fd) where Remote getTextWidth is called has only single text as argument. So I presume it needs to be rewritten to use GuiWebSocket.getTextWidths instead of GuiWebSocket.getTextWidth

```
[ant:javac] /home/tjd/projects/p2j_3821c/src/com/goldencode/p2j/persist/dialect/P2JPostgreSQLDialect.java:2129
: warning: [deprecation] toInputStream(String) in IOUtils has been deprecated
[ant:javac]         return IOUtils.toInputStream(data);
```

Replaced with `IOUtils.toInputStream(data,Charset.defaultCharset())`, note that serialization of CLOBs depends on platform charset, which may cause problems on migration or in heterogeneous environment.

```
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/orm/UnclosablePreparedStatement.java:311:
warning: [deprecation] setUnicodeStream(int,InputStream,int) in PreparedStatement has been deprecated
[ant:javac]     public void setUnicodeStream(int parameterIndex, InputStream x, int length) throws SQLException
{
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/persist/orm/UnclosablePreparedStatement.java:312:
warning: [deprecation] setUnicodeStream(int,InputStream,int) in PreparedStatement has been deprecated
[ant:javac]         this.target.setUnicodeStream(parameterIndex, x, length);}
```

As `UnclosablePreparedStatement` is a proxy class one-to-one mapping needs to stay as it is, added `SuppressWarnings("deprecation")`

```
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/rest/JsonResponseArguments.java:286: warning: [dep
recation] put(String,JsonNode) in ObjectNode has been deprecated
[ant:javac]         jsonResponse.put(attr, (ObjectNode) val);
```

Replaced `ObjectNode.put` with `ObjectNode.set`

```
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/util/FileStream.java:1400: warning: ThreadLocalCod
ers is internal proprietary API and may be removed in a future release
[ant:javac]         decoder = ThreadLocalCoders.decoderFor(sourceCharset);
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/util/DatabaseDumpChecker.java:216: warning: ThreadLoca
lCoders is internal proprietary API and may be removed in a future release
[ant:javac]         CharsetDecoder decoder = ThreadLocalCoders.decoderFor(sourceCS);
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/util/DatabaseDumpChecker.java:220: warning: ThreadLoca
lCoders is internal proprietary API and may be removed in a future release
[ant:javac]         CharsetEncoder encoder = ThreadLocalCoders.encoderFor(targetCS);
```

replaced `ThreadLocalCoders.decoderFor/encoderFor` with non-cached version `Charset.decoderFor/encoderFor`, performance may be reduced.

#8 - 03/29/2022 05:39 AM - Tomasz Domin

```
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/security/AcmeClient.java:532: warning: [deprecatio
n] TlsSni01Challenge in org.shredzone.acme4j.challenge has been deprecated
[ant:javac]         if (!acceptTlsSniChallenge(((TlsSni01Challenge) challenge).getSubject(),
```

TLS-SNI-01

This challenge was defined in draft versions of ACME. It did a TLS handshake on port 443 and sent a specific SNI header, looking for certificate that contained the token. It was disabled in March 2019 because it was not secure enough.

TlsSni01Challenge is unsupported since 2019, it must to be migrated to other method. I guess AcmeClient does not work at the moment. New ticket is needed for this. Not changing the code at moment.

```
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/oo/web/WebResponseWriter.java:517: warning: [depre
cation] setStatus(int,String) in HttpServletResponse has been deprecated
[ant:javac]         httpResponse.setStatus(response.ref().getStatusCode().intValue(),
```

Its not possible to directly replace this method with other:

setStatus - we are loosing status reason

setError - we have a reason but server would generate error page.

Added @SuppressWarnings("deprecation"), but replacement need to be considered.

#9 - 03/29/2022 07:58 AM - Greg Shah

According to related TODO I presume this method's logic needs to be moved to separate class,

```
* TODO: This method should not be here, InputDialog class should not handle any specific applicatio
n logic.
```

Is there a place to put such a class ? Maybe package com.goldencode.p2j.admin.client.application.home ?

Hynek: What is your recommendation?

TlsSni01Challenge is unsupported since 2019, it must to be migrated to other method. I guess AcmeClient does not work at the moment. New ticket is needed for this.

Agreed. Please do the following:

- Create a new task for the rework in the Runtime Infrastructure project (sub-project of FWD).
- Modify AcmeClient to report that it is non-functional and to exit.
- Comment out the usage that causes the javac warning.

Its not possible to directly replace this method with other:

Add comments in that code with your analysis so that future editors have a good starting point.

#10 - 03/29/2022 08:16 AM - Greg Shah

Remote GuiWebSocket.getTextWidth is deprecated for single text sample

I think we can just remove the deprecated annotation here.

Replaced with IOUtils.toInputStream(data,Charset.defaultCharset()), note that serialization of CLOBs depends on platform charset, which may cause problems on migration or in heterogeneous environment.

Ovidiu/Eric: Please advise on the proper approach for handling this.

#11 - 03/29/2022 11:55 AM - Ovidiu Maxiniuc

Greg Shah wrote:

Replaced with `IOUtils.toInputStream(data,Charset.defaultCharset())`, note that serialization of CLOBs depends on platform charset, which may cause problems on migration or in heterogeneous environment.

Ovidiu/Eric: Please advise on the proper approach for handling this.

First, I suggest to replace the code with

```
return new ByteArrayInputStream(data.getBytes(Charset.defaultCharset()));
```

instead, because `IOUtils` is not on the list of agreed libraries.

Secondly, it's clear that the current implementation has a problem because if some non-supported content is put in a clob which will go to a database with charset constraints errors will occur. I do not know of any for the moment, but this is just because the content 'behaved' nicely and fit to target CP.

The problem is that, at the moment the `FWDClob` is instantiated and used, it is not aware of which database will be used on. Each database may have its own CP and we may have multiple databases connected. I think we can:

- store the CP/Encoding in the dialect and configure the CP/Charset when building the `FWDClob` object or
- maybe we can obtain it from the Connection parameter the `clobCreator()` method receives.

The Charset will eventually be saved in the new `FWDClob` object itself.

#12 - 03/31/2022 07:19 AM - Tomasz Domin

```
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/admin/client/application/home/console/recordlocks/RecordLocksView.java:323: warning: [deprecation] showFilterDialog(String,HasWidgets,Consumer<String>) in InputDialog has been deprecated
[ant:javac]         inputDialog.showFilterDialog(
[ant:javac]             ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/admin/client/application/home/print/PrintPreviewView.java:457: warning: [deprecation] showFilterDialog(String,HasWidgets,Consumer<String>) in Inpu
```

```
tDialog has been deprecated
[ant:javac]      inputDialog.showFilterDialog(
[ant:javac]      ^
```

According to related TODO I presume this method's logic needs to be moved to separate class,

Removed showFilterDialog from InputDialog, implemented Filter Dialog for RecordLocksView in similar way as its done for session view, working on the same approach for PrintPreviewView

#13 - 03/31/2022 11:18 AM - Tomasz Domin

- % Done changed from 20 to 80

```
ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/admin/client/application/home/console/recordlocks/R
ecordLocksView.java:323: warning: [deprecation] showFilterDialog(String,HasWidgets,Consumer<String>) in InputD
ialog has been deprecated
[ant:javac]      inputDialog.showFilterDialog(
[ant:javac]      ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/admin/client/application/home/print/PrintPreviewVi
ew.java:457: warning: [deprecation] showFilterDialog(String,HasWidgets,Consumer<String>) in InputDialog has be
en deprecated
[ant:javac]      inputDialog.showFilterDialog(
[ant:javac]      ^
```

Replaced with dedicated code building needed Dialog with InputDialog class, unfortunately I failed building dedicated forms like for console/sessions filter (too much time would be spent on GWT debugging)

First, I suggest to replace the code with

```
return new ByteArrayInputStream(data.getBytes(Charset.defaultCharset()));
```

Done.

Remote GuiWebSocket.getTextWidth is deprecated for single text sample

I think we can just remove the deprecated annotation here.

Done

Implemented all changes, no warnings are present.

Now I need to do regression testing for SWT keyboard, as functional change was done there (keyboard event processing)
Just wander about doing full regression test with Harness.

#14 - 03/31/2022 12:25 PM - Tomasz Domin

- File `fix_all_compile_warnings_6208.diff` added

- % Done changed from 80 to 90

```
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/driver/swing/SwingKeyboardReader.java:19
0: warning: [deprecation] setModifiers(int) in KeyEvent has been deprecated
[ant:javac]         last.setModifiers(last.getModifiers() | InputEvent.SHIFT_MASK);
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/driver/swing/SwingKeyboardReader.java:19
4: warning: [deprecation] setModifiers(int) in KeyEvent has been deprecated
[ant:javac]         last.setModifiers(last.getModifiers() | InputEvent.ALT_MASK);
[ant:javac]         ^
[ant:javac] /home/ges/projects/3821c/src/com/goldencode/p2j/ui/client/driver/swing/SwingKeyboardReader.java:19
8: warning: [deprecation] setModifiers(int) in KeyEvent has been deprecated
[ant:javac]         last.setModifiers(last.getModifiers() | InputEvent.CTRL_MASK);
```

Reverted WinKeyboardReader and SwingKeyboardReader, as they might be introducing problems with keyboard readings
Added:

```
@SuppressWarnings("deprecation")
public final void mergeWithLastEvent(KeyEvent last, KeyEvent evt)
```

Thats it.

Greg, I havent done full integration testing on this, should I ?

#15 - 03/31/2022 12:42 PM - Greg Shah

Sergey: Please review the admin client changes.

Ovidiu: Please review the persistence/database stats/database dump checker changes.

Hynek/Constantin: Please review the rest of the changes.

Tomasz: Test Hotel GUI and ChUI Regression Testing. Please note that we have not run ChUI Regression Testing regression testing in a while and there were some regressions already in 3821c. So I think you'll have to compare a 3821c regression run against the 3821c + your diffs to see if it is OK.

#16 - 03/31/2022 07:38 PM - Ovidiu Maxiniuc

Greg Shah wrote:

Ovidiu: Please review the persistence/database stats/database dump checker changes.

Partial review of fix_all_compile_warnings_6208.diff. Just some minor things:

- P2JPostgreSQLDialect: javadoc header: IOUtils is not deprecated, just not an accepted library for FWD project.
- QueryStatistics, SecondLevelCacheStatistics, Statistics, UnclosablePreparedStatement, SwingKeyboardReader, GuiWebSocket, FileStream, XDocumentImpl, DatabaseDumpChecker: the header entry is required even if no actual code was changed.
- IdentityPool: maybe rephrase a bit the warning message.

Alternatively one of the UnimplementedFeature methods could be invoked at the places where a TODO replaced the deprecation warning. I am thinking here primarily of IdentityPool, but also DatabaseStatistics. In the later, the notification is probably better only if the module is enabled.

#17 - 04/01/2022 02:07 PM - Constantin Asofiei

Greg Shah wrote:

Hynek/Constantin: Please review the rest of the changes.

Beside missing history entries and TODOs left in the code (we don't usually leave these...), my notes are these:

- AcmeClient.java - you've disabled this completely. Is this class really no longer working with Let's Encrypt? If so, we need to fix it, not disable it.
- FileStream.setConvertSource - we should not leave TODOs in place...

```
//TODO: cache decoders per thread
decoder = sourceCharset.newDecoder();
```

if we need to cache these, then create a ContextLocal WorkArea class, with a 'decoderCache' map and cache it there. In FWD, ThreadLocal can be used only in limited places.

- SecureWebServer - remove the explicit import org.eclipse.jetty.util.ssl.SslContextFactory.Server;
- XDocumentImpl.setEncoding - although setXmlEncoding does the same as setEncoding, the parameter really needs to be 'encodingStr' and not 'javaEncoding'.
- GuiWebSocket.getTextWidth and others - these were deprecated in H027 CA 20171204, with bzd rev 11213.1.24:

```
** CA 20171204 Allow the Web driver to measure text on the client-side, via a AWT font; this
**          avoids expensive JS calls to measure the text. For this reason, the text
**          related APIs were deprecated.
```

The point was to change the FWD code and remove these calls, so we can avoid measuring text on the JS side (as this is expensive), and do everything on the Java client side. But looks like getTextWidth calls could not be removed safely (yet). I think the Deprecated annotation should be removed.

#18 - 04/07/2022 04:00 PM - Tomasz Domin

- File `fix_all_compile_warnings_6208_v2.diff` added

Thank you for your review.

Ovidiu Maxiniuc wrote:

Partial review of `fix_all_compile_warnings_6208.diff`. Just some minor things:

- `P2JPostgreSQLDialect`: javadoc header: `IOUtils` is not deprecated, just not an accepted library for FWD project.

Updated description

- `QueryStatistics`, `SecondLevelCacheStatistics`, `Statistics`, `UnclosablePreparedStatement`, `SwingKeyboardReader`, `GuiWebSocket`, `FileStream`, `XDocumentImpl`, `DatabaseDumpChecker`: the header entry is required even if no actual code was changed.

Added headers and licenses.

- `IdentityPool`: maybe rephrase a bit the warning message.

Message rephrased.

Constantin Asofiei wrote:

Beside missing history entries and TODOs left in the code (we don't usually leave these...), my notes are these:

Removed all mine TODOs

- `AcmeClient.java` - you've disabled this completely. Is this class really no longer working with Let's Encrypt? If so, we need to fix it, not disable it.

There is a new ticket for that [#6227](#)

if we need to cache these, then create a `ContextLocal WorkArea` class, with a `'decoderCache'` map and cache it there. In FWD, `ThreadLocal` can be used only in limited places.

I will check it out, but for that I'd need more time to investigate app structure. Maybe I'd create a new ticket for that.

- `SecureWebServer` - remove the explicit import `org.eclipse.jetty.util.ssl.SslContextFactory.Server;`

Removed

- `XDocumentImpl.setEncoding` - although `setXmlEncoding` does the same as `setEncoding`, the parameter really needs to be `'encodingStr'` and not `'javaEncoding'`.

My mistake, corrected.

- `GuiWebSocket.getTextWidth` and others - these were deprecated in H027 CA 20171204, with bzt rev 11213.1.24:

Removed depreciation with comment.

Greg Shah wrote:

Tomasz: Test Hotel GUI and ChUI Regression Testing. Please note that we have not run ChUI Regression Testing regression testing in a while and there were some regressions already in 3821c. So I think you'll have to compare a 3821c regression run against the 3821c + your diffs to see if it is OK.

It is not tested for regression, as I had problems running regression testing yesterday and today (yesterday problem starting servers due to issue with fwdspi.jar, today - converted ChUI regression app code stopped compiling)

#19 - 04/19/2022 01:26 PM - Tomasz Domin

Is anyone able to build and run ChUI regression tests/p2j 3821c integration tests ?

I am getting errors since last week.

I am running run_regression.sh system-password build

Standard scripts require a stable p2j branch - is there a way to run it against selected revision ?

#20 - 04/19/2022 01:31 PM - Greg Shah

Recent FWD changes related to schema processing have caused some breakage. Roger is working on moving to a more standard project structure in #6213. During that work the issues are being identified and resolved. He is close to having a working build.

#21 - 04/29/2022 02:20 PM - Tomasz Domin

As code lives on there are new warnings to be removed like:

```
[ant:javac] /home/tjd/projects/p2j_3821c/src/com/goldencode/p2j/ui/BaseEntity.java:551: warning: [deprecation]
flushWidgetAttrs() in GenericWidget has been deprecated
[ant:javac]         flushWidgetAttrs();
[ant:javac] /home/tjd/projects/p2j_3821c/src/com/goldencode/p2j/ui/BrowseWidget.java:8790: warning: [deprecati
on] pushWidgetAttr(String[],Object[]) in GenericWidget has been deprecated
[ant:javac]         column.pushWidgetAttr(new String[] {"dataType", "format", "rightAligned"},
```

I've initially checked it and it seems rendering API started to deprecate flushWidgetAttrs and pushWidgetAttr. not sure what to do about it.

#22 - 04/29/2022 02:51 PM - Greg Shah

I assume we would remove the @Deprecated.

#23 - 05/02/2022 03:33 PM - Tomasz Domin

- File `fix_all_compile_warnings_6208_v3.diff` added

So I did.

Updated patch attached to the ticket.

Its already integrated into [#5567](#)

#24 - 05/03/2022 06:29 AM - Greg Shah

Hynek/Ovidiu: Please review 5567a.

#25 - 05/03/2022 03:23 PM - Ovidiu Maxiniuc

Review of r13835/5567a (branched from r13827/3821a)

- general: each file's header must be updated with a new historical entry. The (c) year must also be updated.
- there are occurrences of hard TAB (0x09) (build.xml). These must be replaced with 3 spaces (0x20);
- there are some imports of `java.lang.reflect.InvocationTargetException`. The preferred way is using bulk:

```
import java.lang.reflect.*;
```

Use the single class variant only in case there are conflicts.

- `P2JLocaleHelper.java`: constructs like:

```
Integer cp = new Integer(codePoint);  
return String.format("<U%04X>", new Object[] { cp });
```

should be rewritten to take advantage of the autoboxing and vararg parameter calls (already available in Java 5), no need to use the additional objects anymore:

```
return String.format("<U%04X>", codePoint);
```

There are other similar occurrences like `XmlFilePlugin:848` and `1035`, `Mapper:589-614`, `ProxyAssembler:593`, `EscapeControlCharsReader:114` and `178`, `DirectoryService`, `RemapTestDriver1`, `Attribute:535-541`, `RamRemapper`, `ShadowRemapper`, `StreamDaemon`, `hql.g`, `fql.g`, `SecurityAdmin`, and many others. Generally, instead of `<JavaWrapper>.valueOf(javaScalar)`, use the autoboxing feature. In some rare cases (`VectorGraphicsHelper:248-249`, `Tracer:`) a cast to desired type can be necessary;

- `XmlAst: 107-140, 692`: use the auto boxing. Special case here since the values are processed below in pair, it seems logical to add them to map on two columns so that the reader can easily understand the logic of the code, like this:

```
ATTRIBUTE_NODE,      "ATTRIBUTE_NODE",  
CDATA_SECTION_NODE, "CDATA_SECTION_NODE",
```

- `AstManagerPlugin:396`, `BaseDataType:1144`, `DataObjectFactory:160`: the list of exceptions should be split with one item per line if too long (110 chars). Please column align the | in other places, too;
- `LdapMapGen:605`: nice addition of generics. Use the diamond notation `<>` to simplify the code and let the compiler infer the types for constructor;
- `BinaryData:563`: what about rewriting the line as: `int result = Byte.compare(value1[i], value2[i]); ?`
- `SecondLevelCacheStatistics`, `Statistics`, `QueryStatistics`: The addition of the history and copyright header is correct, although I am not sure about the life span of this file. Just move them above the package declaration and add back the class-level javadoc and set the copyright year to "2020-2022";
- `JsonObject:1602`, `StreamConnector:232`, `FontTable:1777-1779`: I think these lines can be safely removed;
- `LexerDumpFilter:289`: why not calling `super.finalize()`; ? It is a good practice. Even if momentarily it will just call the empty method of `Object`, its super could be altered to implement this method, too. Not calling the super method could cause the resources of the super class to remained un-freed (is that a word?);
- `GuiWebDriver:1560-1582`: are the new masks correct? They seem to have different values though (`BUTTON1_MASK=16` but `BUTTON1_DOWN_MASK=1024`);
- the GC code guidelines state that the operands and the operators are separated by a space (`DatabaseDumpChecker:215, 217`). Also one space is used between a statement keyword (`if`, `while`, `try`) and the opening parenthesis (`FileDialogGuiImpl:1519, 2889`, `NormalizePath:150`).

300+ files! Phew!

#26 - 05/04/2022 03:56 PM - Tomasz Domin

Greg Shah wrote:

Hynek/Ovidiu: Please review 5567a.

I meant that [#6208](#) is ready and it is integrated into 5567a, but 5567a is not ready yet. All the changes to [#6208](#) are in the attached patches, as there is no dedicated branch. I will copy Ovidiu's comments as intermediate review of 5567a as they better fit there. Sorry for misunderstanding.

#27 - 05/04/2022 04:11 PM - Ovidiu Maxiniuc

I noticed that changes for [#6208](#) are already in 5567a. They were the only files with history entry added :). I saw nothing wrong with them, except for minor issues in SecondLevelCacheStatistics, Statistics, QueryStatistics, which I added in my review. TBH, I am eager to see these in changes in main branch. Having all the changes of 5567a merged in would be super. Nice work so far!

#28 - 05/05/2022 12:16 PM - Tomasz Domin

- File [fix_all_compile_warnings_6208_v4.diff](#) added

Ovidiu Maxiniuc wrote:

Review of r13835/5567a (branched from r13827/3821a)

- SecondLevelCacheStatistics, Statistics, QueryStatistics: The addition of the history and copyright header is correct, although I am not sure about the life span of this file. Just move them above the package declaration and add back the class-level javadoc and set the copyright year to "2020-2022";

Files have been updated.. Attached an updated patch against 3821c/13846
[fix_all_compile_warnings_6208_v4.diff](#)

I've moved all other comments to [#5567#note-28](#)

#29 - 05/07/2022 08:22 AM - Greg Shah

Hynek/Ovidiu: Please review the [fix_all_compile_warnings_6208_v4.diff](#).

If the [#6208](#) changes are ready for merge and the risk is low, then we can merge those changes into 3821c now and Tomasz can continue working on 5567a for the Java 11 support.

#30 - 05/09/2022 11:26 AM - Ovidiu Maxiniuc

Greg Shah wrote:

Hynek/Ovidiu: Please review the fix_all_compile_warnings_6208_v4.diff.

I am OK with the proposed code, just one thing I have just noticed: in P2JPostgreSQLDialect.java, we have the implementation of Clob.getAsciiStream(). The updated code is:

```
return new ByteArrayInputStream(data.getBytes(Charset.defaultCharset()));
```

and, semantically, it is the exact match for current implementation in FWD. It may be out of the scope of this task, but I wonder whether we should use

```
return new ByteArrayInputStream(data.getBytes(StandardCharsets.US_ASCII));
```

instead? It looks more appropriate to what the method is expected to return (quote from javadoc):

Retrieves the CLOB value designated by this Clob object as an ascii stream.

However, it's probably best, for the moment, to keep the current implementation as it proved to be safe. Or, at least, nobody experienced/observed/reported problems related to this issue. I think we should let a TODO: comment about it.

#31 - 05/09/2022 11:33 AM - Greg Shah

it's probably best, for the moment, to keep the current implementation as it proved to be safe

Agreed, a TODO is fine for this issue.

Tomasz: Go ahead and merge the compile warnings fixes to 3821c.

#32 - 05/09/2022 12:31 PM - Tomasz Domin

Merged into 3821c rev 13856

#33 - 05/09/2022 12:34 PM - Tomasz Domin

- % Done changed from 90 to 100

- Status changed from WIP to Review

#34 - 05/09/2022 02:53 PM - Greg Shah

I see these issues that remain:

```
> Task :ant-aspectj
[ant:iajc] warning at /home/ges/projects/3821c/build/classes!com/goldencode/util/LoggingAspect.class::0 advice
  defined in com.goldencode.util.LoggingAspect has not been applied [Xlint:adviceDidNotMatch]
[ant:iajc] warning at /home/ges/projects/3821c/build/classes!com/goldencode/p2j/aspects/LoadLegacyClassAspect.
class::0 advice defined in com.goldencode.p2j.aspects.LoadLegacyClassAspect has not been applied [Xlint:advice
DidNotMatch]
```

...

```
> Task :ant-native
[ant:echo]
[ant:javadoc] javadoc: warning - Multiple sources of package comments found for package "javax.servlet.http"
[ant:javadoc] javadoc: warning - Multiple sources of package comments found for package "javax.servlet"
```

Am I the only one that sees the AspectJ issue?

I think everyone sees the javadoc issue.

#35 - 05/09/2022 03:05 PM - Ovidiu Maxiniuc

- % Done changed from 100 to 90

Indeed, the build output is much much more cleaner.

I have the AspectJ warnings, but not those about the servlet packages. However, there is one more for me:

```
> Task :sheet:compileJava
Note: Some input files use or override a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
Note: ~/projects/hotel_gui/p2j/ext/sheet/src/main/java/com/goldencode/p2j/ext/sheet/web/SheetControllerImpl.java
va uses unchecked or unsafe operations.
Note: Recompile with -Xlint:unchecked for details.
```

#36 - 05/09/2022 03:26 PM - Ovidiu Maxiniuc

- % Done changed from 90 to 100

#37 - 05/10/2022 05:38 AM - Hynek Cihlar

I resolved the LoggingAspect warning in 3821c revision 13857.

#38 - 06/03/2022 03:16 PM - Tomasz Domin

- Status changed from Review to Test

#39 - 06/03/2022 03:37 PM - Greg Shah

I think we can close this now.

#40 - 04/27/2023 11:41 AM - Greg Shah

- Status changed from Test to Closed

Files

fix_all_compile_warnings_6208.diff	56.4 KB	03/31/2022	Tomasz Domin
fix_all_compile_warnings_6208_v2.diff	69.1 KB	04/07/2022	Tomasz Domin
fix_all_compile_warnings_6208_v3.diff	71 KB	05/02/2022	Tomasz Domin
fix_all_compile_warnings_6208_v4.diff	71.1 KB	05/05/2022	Tomasz Domin