

Conversion Tools - Bug #3340

PatternEngine fails due to incompatible changes in guava version 21

09/27/2017 01:33 PM - Hynek Cihlar

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

History

#1 - 09/27/2017 01:34 PM - Hynek Cihlar

Hynek,

Yes, I think we will need to adjust the GWT version.. if is possible.

On 09/27/2017 08:24 PM, Hynek Cihlar wrote:

Constantin,

do you want me to take it?

Thanks,
Hynek

On 27.9.2017 19:20, Constantin Asofiei wrote:

Hynek,

Just tried that for guava-gwt-19, but it doesn't compile the FWD admin code.

Setting:

```
fwdConvertClient group: 'com.google.guava', name: 'guava', version: '19.0'
```

Doesn't work at all, it brings guava-21.0.jar, not guava-19.0.jar.

On 09/27/2017 08:19 PM, Hynek Cihlar wrote:

Constantin,

I see, in that case reverting to guava 19 sounds like a good way to go.

From Janus graph 0.1.1 pom.xml:

```
<dependency>
```

```
<!-- Run the full test suite when changing the Guava version.
```

```
The Guava team is deadly serious about their 18 month period from deprecation to feature deletion, and as a result, at least one of JanusGraph's dependencies is likely to break whenever the Guava version changes.
```

```
Example where blithely upgrading Guava introduced a linkage error in the past:
```

```
https://issues.apache.org/jira/browse/HBASE-10174
```

```
-->
```

```
<groupId>com.google.guava</groupId>
```

```
<artifactId>guava</artifactId>
```

```
<version>18.0</version>
```

```
</dependency>
```

Thanks,
Hynek

On 27.9.2017 19:11, Constantin Asofiei wrote:

Hynek,

Yes, but the problem is in janus-graph, not in FWD.

I'm trying guava-19 (which includes emptyiterator as deprecated, but not removed).

On 09/27/2017 08:09 PM, Hynek Cihlar wrote:

From Guava docs:

```
emptyiterator <  
https://google.github.io/guava/releases/19.0/api/docs/com/google/common/collect/Iterators.html#emptyIterator%28%29>()
```

Deprecated.

/Use|ImmutableSet.<T>of().iterator())instead; or for Java 7 or later,|Collections.emptyIterator())| <
<http://docs.oracle.com/javase/7/docs/api/java/util/Collections.html?is-external=true#emptyIterator%28%29>>. This method is scheduled for removal in May 2016./

On 27.9.2017 18:57, Constantin Asofiei wrote:

Greg,

Yup, guava 21.0 no longer has Iterators.emptyIterator() - is protected instead of public.

Previous version was guava 14.0

Hynek: any idea how to fix?

Thanks,

Constantin

On 09/27/2017 07:40 PM, Greg Shah wrote:

Constantin,

Using the callgraph target in Hotel GUI (fresh checkout of rev 146) with FWD trunk (rev 11170), I get the attached failure.

Any ideas?

Thanks,
Greg

callgraph:

```
[java] SLF4J: Class path contains multiple SLF4J bindings.  
[java] SLF4J: Found binding in  
[jar:file:/home/ges/projects/p2j/build/lib/slf4j-jdk14-1.6.1.jar!/org/slf4j/impl/StaticLoggerBinder.class]  
[java] SLF4J: Found binding in  
[jar:file:/home/ges/projects/p2j/build/lib/slf4j-simple-1.6.1.jar!/org/slf4j/impl/StaticLoggerBinder.class]  
[java] SLF4J: See http://www.slf4j.org/codes.html#multiple\_bindings for an explanation.  
[java] SLF4J: Actual binding is of type [org.slf4j.impl.JDK14LoggerFactory]  
[java] Sep 27, 2017 12:39:13 PM org.janusgraph.graphdb.configuration.GraphDatabaseConfiguration <init>  
[java] INFO: Set default timestamp provider MICRO  
[java] Sep 27, 2017 12:39:13 PM org.janusgraph.graphdb.configuration.GraphDatabaseConfiguration  
getOrGenerateUniqueInstanceId  
[java] INFO: Generated unique-instance-id=7f00010119934-dev-thinkpad1  
[java] Sep 27, 2017 12:39:14 PM org.janusgraph.diskstorage.Backend <init>  
[java] INFO: Initiated backend operations thread pool of size 8  
[java] Sep 27, 2017 12:39:14 PM org.janusgraph.diskstorage.log.kcvs.KCVSLog$MessagePuller  
initializeTimepoint  
[java] INFO: Loaded unidentified ReadMarker start time 2017-09-27T16:39:14.107Z into  
org.janusgraph.diskstorage.log.kcvs.KCVSLog$MessagePuller@65c7a252  
[java] Started loading the code-set.  
[java] Using *.fhi for include-file specifications.  
[java] ./abl/calc-days.i  
[java] ./abl/calc-gen-price.i  
[java] ./abl/calc-price-proc.i  
[java] ./abl/calc-price.i  
[java] ./abl/check-date-price.i  
[java] ./abl/check-date.i  
[java] ./abl/common/acofnm10.i  
[java] ./abl/common/acontm10.i  
[java] ./abl/common/adbgdef0.i
```

[java] ./abl/common/adbgmsg0.i
[java] ./abl/common/adecomm/_adetool.i
[java] ./abl/common/adecomm/appserv.i
[java] ./abl/common/adecomm/appsvtt.i
[java] ./abl/common/adm2/cltorsvr.i
[java] ./abl/common/afoldml0.i
[java] ./abl/common/agbl9df0.i
[java] ./abl/common/agbldef0.i
[java] ./abl/common/akvalml0.i
[java] ./abl/common/alayoml0.i
[java] ./abl/common/amainsf1.i
[java] ./abl/common/asuprml0.i
[java] ./abl/common/atreeml0.i
[java] ./abl/common/checkerr.i
[java] ./abl/common/launch.i
[java] ./abl/common/src/adm2/admmgs.i
[java] ./abl/common/src/adm2/appserver.i
[java] ./abl/common/src/adm2/appspop.i
[java] ./abl/common/src/adm2/appsppto.i
[java] ./abl/common/src/adm2/brsentry.i
[java] ./abl/common/src/adm2/brsprop.i
[java] ./abl/common/src/adm2/brsppto.i
[java] ./abl/common/src/adm2/cltorsvr.i
[java] ./abl/common/src/adm2/cntnprop.i
[java] ./abl/common/src/adm2/cntnprto.i
[java] ./abl/common/src/adm2/containr.i
[java] ./abl/common/src/adm2/custom/appservercustom.i
[java] ./abl/common/src/adm2/custom/appserverdefscustom.i
[java] ./abl/common/src/adm2/custom/appserverexclcustom.i
[java] ./abl/common/src/adm2/custom/appspopcustom.i
[java] ./abl/common/src/adm2/custom/appspptocustom.i
[java] ./abl/common/src/adm2/custom/browserdefscustom.i
[java] ./abl/common/src/adm2/custom/browserexclcustom.i
[java] ./abl/common/src/adm2/custom/brspropcustom.i
[java] ./abl/common/src/adm2/custom/brspptocustom.i
[java] ./abl/common/src/adm2/custom/cntnpropcustom.i
[java] ./abl/common/src/adm2/custom/cntnprtocustom.i
[java] ./abl/common/src/adm2/custom/containrcustom.i
[java] ./abl/common/src/adm2/custom/containrdefscustom.i
[java] ./abl/common/src/adm2/custom/containrexclcustom.i
[java] ./abl/common/src/adm2/custom/datacustom.i
[java] ./abl/common/src/adm2/custom/datadefscustom.i
[java] ./abl/common/src/adm2/custom/dataexclcustom.i
[java] ./abl/common/src/adm2/custom/datapropcustom.i
[java] ./abl/common/src/adm2/custom/dataprtocustom.i
[java] ./abl/common/src/adm2/custom/datavisdefscustom.i
[java] ./abl/common/src/adm2/custom/datavisexclcustom.i
[java] ./abl/common/src/adm2/custom/dvispropcustom.i
[java] ./abl/common/src/adm2/custom/dvispptocustom.i
[java] ./abl/common/src/adm2/custom/fielddefscustom.i
[java] ./abl/common/src/adm2/custom/fieldexclcustom.i
[java] ./abl/common/src/adm2/custom/fieldpropcustom.i
[java] ./abl/common/src/adm2/custom/fieldpptocustom.i
[java] ./abl/common/src/adm2/custom/filtercustom.i
[java] ./abl/common/src/adm2/custom/filterdefscustom.i
[java] ./abl/common/src/adm2/custom/filterexclcustom.i
[java] ./abl/common/src/adm2/custom/filtpropcustom.i
[java] ./abl/common/src/adm2/custom/filtpptocustom.i
[java] ./abl/common/src/adm2/custom/globalscustom.i
[java] ./abl/common/src/adm2/custom/qrypropcustom.i
[java] ./abl/common/src/adm2/custom/qrypptocustom.i
[java] ./abl/common/src/adm2/custom/querycustom.i
[java] ./abl/common/src/adm2/custom/querydefscustom.i
[java] ./abl/common/src/adm2/custom/queryexclcustom.i
[java] ./abl/common/src/adm2/custom/sbocustom.i
[java] ./abl/common/src/adm2/custom/sbodefscustom.i
[java] ./abl/common/src/adm2/custom/sboexclcustom.i
[java] ./abl/common/src/adm2/custom/sbopropcustom.i
[java] ./abl/common/src/adm2/custom/sbopptocustom.i
[java] ./abl/common/src/adm2/custom/smartcustom.i
[java] ./abl/common/src/adm2/custom/smartdefscustom.i
[java] ./abl/common/src/adm2/custom/smartexclcustom.i
[java] ./abl/common/src/adm2/custom/smrtpropcustom.i
[java] ./abl/common/src/adm2/custom/smrtpptocustom.i
[java] ./abl/common/src/adm2/custom/viewerdefscustom.i

```

[java] ./abl/common/src/adm2/custom/viewerexclcustom.i
[java] ./abl/common/src/adm2/custom/viewpropcustom.i
[java] ./abl/common/src/adm2/custom/viewprtocustom.i
[java] ./abl/common/src/adm2/custom/vispropcustom.i
[java] ./abl/common/src/adm2/custom/visprtocustom.i
[java] ./abl/common/src/adm2/custom/visualcustom.i
[java] ./abl/common/src/adm2/custom/visualdefscustom.i
[java] ./abl/common/src/adm2/custom/visualexclcustom.i
[java] ./abl/common/src/adm2/data.i
[java] ./abl/common/src/adm2/dataprop.i
[java] ./abl/common/src/adm2/dataprt.i
[java] ./abl/common/src/adm2/delrecst.i
[java] ./abl/common/src/adm2/dialogmn.i
[java] ./abl/common/src/adm2/dvisprop.i
[java] ./abl/common/src/adm2/dvisprt.i
[java] ./abl/common/src/adm2/entityfields.i
[java] ./abl/common/src/adm2/fieldprop.i
[java] ./abl/common/src/adm2/fieldprt.i
[java] ./abl/common/src/adm2/filter.i
[java] ./abl/common/src/adm2/filtprop.i
[java] ./abl/common/src/adm2/filtprt.i
[java] ./abl/common/src/adm2/globals.i
[java] ./abl/common/src/adm2/qryprop.i
[java] ./abl/common/src/adm2/qryprt.i
[java] ./abl/common/src/adm2/query.i
[java] ./abl/common/src/adm2/robjflds.i
[java] ./abl/common/src/adm2/rupdflds.i
[java] ./abl/common/src/adm2/sbo.i
[java] ./abl/common/src/adm2/sboprop.i
[java] ./abl/common/src/adm2/sboprt.i
[java] ./abl/common/src/adm2/schemai.i
[java] ./abl/common/src/adm2/smart.i
[java] ./abl/common/src/adm2/smrtprop.i
[java] ./abl/common/src/adm2/smrtprt.i
[java] ./abl/common/src/adm2/tblprep.i
[java] ./abl/common/src/adm2/ttcombo.i
[java] ./abl/common/src/adm2/ttdcombo.i
[java] ./abl/common/src/adm2/ttlookup.i
[java] ./abl/common/src/adm2/ttsdoout.i
[java] ./abl/common/src/adm2/tttranslate.i
[java] ./abl/common/src/adm2/updparam.i
[java] ./abl/common/src/adm2/updtabledef.i
[java] ./abl/common/src/adm2/viewprop.i
[java] ./abl/common/src/adm2/viewprt.i
[java] ./abl/common/src/adm2/visprop.i
[java] ./abl/common/src/adm2/visprt.i
[java] ./abl/common/src/adm2/visual.i
[java] ./abl/common/src/adm2/windowmn.i
[java] ./abl/def-update-params.i
[java] ./abl/fill-rooms.i
[java] ./abl/get-reservation-filter.i
[java] ./abl/no-selected-records.i
[java] ./abl/pick-date.i
[java] Done adding include-files.
[java] ./abl/activate-rooms-dialog.w
[java] WARNING: creating a new node for the include file ./abl/common/get, which was not found in initial
include-file list.
[java] WARNING: creating a new node for the include file ./abl/common/set, which was not found in initial
include-file list.
[java] WARNING: creating a new node for the include file ./abl/common/fn, which was not found in initial
include-file list.
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
12884911225
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
12884911273
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
12884911316
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
12884911671
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
12884911716
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
12884911757
[java] ./abl/add-rooms-dialog.w
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:

```

17179877673
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
17179877721
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
17179877764
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
17179878256
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
17179878301
[java] ./abl/avail-rooms-frame.w
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
21474846286
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
21474846334
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
21474846377
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
21474846732
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
21474846992
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
21474847027
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
21474847154
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
21474847261
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
21474847341
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
21474847376
[java] ./abl/common/acliffi0.p
[java] ./abl/common/adatesd0.w
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064772384
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064772427
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064772551
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064772609
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064772738
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064772796
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064772837
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064772880
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064772923
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064772964
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064773010
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064773056
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064773102
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064773148
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064773191
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064773232
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064773280
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
30064773336
[java] ./abl/common/adecomm/as-utils.w
[java] ./abl/common/adm2/appserver.p
[java] WARNING: creating a new node for the include file ./abl/common/fnarg, which was not found in initial
include-file list.
[java] ./abl/common/adm2/browser.p
[java] ./abl/common/adm2/containr.p
[java] ./abl/common/adm2/data.p

```

[java] ./abl/common/adm2/dataext.p
[java] ./abl/common/adm2/dataextcols.p
[java] ./abl/common/adm2/datavis.p
[java] ./abl/common/adm2/dyndata.w
[java] ./abl/common/adm2/field.p
[java] ./abl/common/adm2/filter.p
[java] ./abl/common/adm2/query.p
[java] ./abl/common/adm2/queryext.p
[java] ./abl/common/adm2/sbo.p
[java] ./abl/common/adm2/smart.p
[java] WARNING: can not determine the include file for synthetic ASTs, with no line/column information:
107374188838
[java] ./abl/common/adm2/viewer.p
[java] ./abl/common/adm2/visual.p
[java] com.goldencode.p2j.pattern.TreeWalkException: ERROR! Active Rule:
[java] -----
[java]     RULE REPORT
[java] -----
[java] Rule Type : WALK
[java] Source AST: [ PROCEDURE ] BLOCK/PROCEDURE/KW_PROC/ @86:1 {124554051642}
[java] Copy AST : [ PROCEDURE ] BLOCK/PROCEDURE/KW_PROC/ @86:1 {124554051642}
[java] Condition : node = cgw.findUniqueNode(nodeKey, siteValue)
[java] Loop      : false
[java] --- END RULE REPORT ---
[java]
[java]
[java]
[java]   at com.goldencode.p2j.pattern.PatternEngine.run(PatternEngine.java:1068)
[java]   at com.goldencode.p2j.uast.CallGraphGenerator.generateGraphs(CallGraphGenerator.java:178)
[java]   at com.goldencode.p2j.uast.CallGraphGenerator.main(CallGraphGenerator.java:400)
[java] Caused by: java.lang.IllegalAccessException: tried to access method
com.google.common.collect.Iterators.emptyIterator()Lcom/google/common/collect/UnmodifiableIterator; from class
org.janusgraph.graphdb.query.QueryProcessor
[java]   at org.janusgraph.graphdb.query.QueryProcessor.iterator(QueryProcessor.java:66)
[java]   at com.google.common.collect.Iterables$5.iterator(Iterables.java:614)
[java]   at
org.janusgraph.graphdb.tinkerpop.optimize.JanusGraphStep.lambda$new$64(JanusGraphStep.java:69)
[java]   at
org.apache.tinkerpop.gremlin.process.traversal.step.map.GraphStep.processNextStart(GraphStep.java:136)
[java]   at org.apache.tinkerpop.gremlin.process.traversal.step.util.AbstractStep.hasNext(AbstractStep.java:143)
[java]   at
org.apache.tinkerpop.gremlin.process.traversal.util.DefaultTraversal.hasNext(DefaultTraversal.java:179)
[java]   at com.goldencode.p2j.uast.CallGraphHelper.findUniqueNode(CallGraphHelper.java:164)
[java]   at com.goldencode.p2j.uast.CallGraphWorker$CallGraph.findUniqueNode(CallGraphWorker.java:1693)
[java]   at com.goldencode.expr.CE101.execute(Unknown Source)
[java]   at com.goldencode.expr.Expression.execute(Expression.java:391)
[java]   at com.goldencode.p2j.pattern.Rule.apply(Rule.java:491)
[java]   at com.goldencode.p2j.pattern.NamedFunction.execute(NamedFunction.java:449)
[java]   at com.goldencode.p2j.pattern.AstSymbolResolver.execute(AstSymbolResolver.java:709)
[java]   at com.goldencode.p2j.pattern.CommonAstSupport$Library.execLib(CommonAstSupport.java:1262)
[java]   at com.goldencode.expr.CE82.execute(Unknown Source)
[java]   at com.goldencode.expr.Expression.execute(Expression.java:391)
[java]   at com.goldencode.p2j.pattern.Rule.apply(Rule.java:491)
[java]   at com.goldencode.p2j.pattern.Rule.executeActions(Rule.java:738)
[java]   at com.goldencode.p2j.pattern.Rule.coreProcessing(Rule.java:707)
[java]   at com.goldencode.p2j.pattern.Rule.apply(Rule.java:530)
[java]   at com.goldencode.p2j.pattern.Rule.executeActions(Rule.java:738)
[java]   at com.goldencode.p2j.pattern.Rule.coreProcessing(Rule.java:707)
[java]   at com.goldencode.p2j.pattern.Rule.apply(Rule.java:530)
[java]   at com.goldencode.p2j.pattern.RuleContainer.apply(RuleContainer.java:583)
[java]   at com.goldencode.p2j.pattern.RuleSet.apply(RuleSet.java:98)
[java]   at com.goldencode.p2j.pattern.AstWalker.walk(AstWalker.java:261)
[java]   at com.goldencode.p2j.pattern.AstWalker.walk(AstWalker.java:209)
[java]   at com.goldencode.p2j.pattern.PatternEngine.apply(PatternEngine.java:1631)
[java]   at com.goldencode.p2j.pattern.PatternEngine.processAst(PatternEngine.java:1529)
[java]   at com.goldencode.p2j.pattern.PatternEngine.processAst(PatternEngine.java:1477)
[java]   at com.goldencode.p2j.pattern.PatternEngine.run(PatternEngine.java:1032)
[java]   ... 2 more
[java] Elapsed job time: 00:00:29.714

```

#2 - 09/27/2017 01:35 PM - Hynek Cihlar

On 27.9.2017 19:31, Eric Faulhaber wrote:

Does this have implications for re-testing the admin console functionality?

#3 - 09/27/2017 01:36 PM - Hynek Cihlar

Hynek Cihlar wrote:

On 27.9.2017 19:31, Eric Faulhaber wrote:

Does this have implications for re-testing the admin console functionality?

That depends on the solution. Changing the guava version will require some degree of retest.

#4 - 09/27/2017 01:44 PM - Constantin Asofiei

Hynek, using this it brings guava-19.jar, admin console code compiles and also callgraph passes for Hotel GUI:

```
fwdConvertClient (group: 'com.google.guava', name: 'guava', version: '19.0') {  
    force = true  
}
```

#5 - 09/27/2017 02:41 PM - Hynek Cihlar

Constantin Asofiei wrote:

Hynek, using this it brings guava-19.jar, admin console code compiles and also callgraph passes for Hotel GUI:
[...]

Did you try to run Admin including the Majic Admin? If not I will test it.

#6 - 09/27/2017 02:41 PM - Constantin Asofiei

Hynek Cihlar wrote:

Constantin Asofiei wrote:

Hynek, using this it brings guava-19.jar, admin console code compiles and also callgraph passes for Hotel GUI:
[...]

Did you try to run Admin including the Majic Admin? If not I will test it.

No, I haven't.

#7 - 09/27/2017 03:30 PM - Hynek Cihlar

Constantin Asofiei wrote:

Hynek, using this it brings guava-19.jar, admin console code compiles and also callgraph passes for Hotel GUI:
[...]

I tested FWD Admin and Majic Admin and both work OK with the change. Constantin, I assume this is the only change you did for callgraph to pass.

Should I create new task branch (3340a) or delivery the fix into another branch?

#8 - 09/28/2017 07:34 AM - Greg Shah

Please create a new branch.

The only change is the code from [#3340-4](#)?

Only JanusGraph (callgraph) and GWT (admin UI) are dependent?

#9 - 09/28/2017 10:21 AM - Hynek Cihlar

Greg Shah wrote:

Please create a new branch.

The only change is the code from [#3340-4](#)?

Yes.

Only JanusGraph (callgraph) and GWT (admin UI) are dependent?

Here are all the dependencies as reported by `./gradlew dependencyInsight`:

```
hc@gcdntb:~/gcd/p2j_repo/p2j$ gw dependencyInsight --dependency guava --configuration fwdAllCompile
:dependencyInsight
com.google.guava:guava:21.0 (conflict resolution)
+--- fwdAllCompile
\--- com.google.guava:guava-gwt:21.0
     \--- fwdAllCompile
```

```
com.google.guava:guava:r09 -> 21.0
\--- com.googlecode.gwt-validation:gwt-validation:2.1
     \--- fwdAllCompile
```

```
com.google.guava:guava:11.0.2 -> 21.0
\--- org.reflections:reflections:0.9.9-RC1
     +--- org.janusgraph:janusgraph-core:0.1.0
          | +--- fwdAllCompile
          | +--- org.janusgraph:janusgraph-lucene:0.1.0
          | | \--- fwdAllCompile
          | \--- org.janusgraph:janusgraph-berkeleyje:0.1.0
          | \--- fwdAllCompile
          \--- com.googlecode.gwt-validation:gwt-validation:2.1
               \--- fwdAllCompile
```

```
com.google.guava:guava:18.0 -> 21.0
\--- org.janusgraph:janusgraph-core:0.1.0
     +--- fwdAllCompile
     +--- org.janusgraph:janusgraph-lucene:0.1.0
          | \--- fwdAllCompile
          \--- org.janusgraph:janusgraph-berkeleyje:0.1.0
               \--- fwdAllCompile
```

```
com.google.guava:guava-gwt:21.0
\--- fwdAllCompile
```

```
hc@gcdntb:~/gcd/p2j_repo/p2j$ gw dependencyInsight --dependency guava --configuration fwdAllRuntime
:dependencyInsight
com.google.guava:guava:21.0 (conflict resolution)
+--- fwdAllRuntime
\--- com.google.guava:guava-gwt:21.0
     \--- fwdAllRuntime
```

```
com.google.guava:guava:r09 -> 21.0
\--- com.googlecode.gwt-validation:gwt-validation:2.1
     \--- fwdAllRuntime
```

```
com.google.guava:guava:11.0.2 -> 21.0
\--- org.reflections:reflections:0.9.9-RC1
     +--- org.janusgraph:janusgraph-core:0.1.0
          | +--- fwdAllRuntime
          | +--- org.janusgraph:janusgraph-lucene:0.1.0
          | | \--- fwdAllRuntime
          | \--- org.janusgraph:janusgraph-berkeleyje:0.1.0
          | \--- fwdAllRuntime
          \--- com.googlecode.gwt-validation:gwt-validation:2.1
               \--- fwdAllRuntime
```

```
com.google.guava:guava:18.0 -> 21.0
```

```
\--- org.janusgraph:janusgraph-core:0.1.0
+--- fwdAllRuntime
+--- org.janusgraph:janusgraph-lucene:0.1.0
|    \--- fwdAllRuntime
\--- org.janusgraph:janusgraph-berkeleyje:0.1.0
     \--- fwdAllRuntime
```

```
com.google.guava:guava-gwt:21.0
\--- fwdAllRuntime
```

#10 - 09/28/2017 10:36 AM - Hynek Cihlar

Please review the fix in 3340a. I have regression tested FWD Admin and MAJIC Admin.

#11 - 09/28/2017 11:05 AM - Greg Shah

I'm fine with the change. I can confirm Constantin's result (it does resolve the failure in Hotel GUI callgraph).

Please merge to trunk.

#12 - 09/28/2017 11:36 AM - Hynek Cihlar

3340a merged to trunk as revision 11171 and archived.

#13 - 09/28/2017 11:45 AM - Hynek Cihlar

- % Done changed from 0 to 100