

Automated Build Generator - Bug #2159

Analysis of maven version ranges does not work correctly

01/16/2015 11:25 AM - J. Wienke

Status:	Resolved	Start date:	01/16/2015
Priority:	Normal	Due date:	
Assignee:	J. Moringen	% Done:	100%
Category:	Project Analysis	Estimated time:	0.00 hour
Target version:	0.3		

Description

Some version constraints for dependencies in maven are parsed incorrectly. E.g. in rsb-xml-java 0.11, the following is requested:

```
<dependency>
  <groupId>rsb</groupId>
  <artifactId>rst</artifactId>
  <version>[0.11,0.12-SNAPSHOT]</version>
</dependency>
```

The build generator ends up with a dependency error like this:

```
#<VERSION-SPEC rsb-xml-java:0.11 {100B839FA3}> (2 missing dependencies):
No provider for (:MAVEN "rsb/rst" (0 "11,0" 12 "SNAPSHOT")).
No provider for (:MAVEN "rsb/rsb" (0 "11,0" 12 "SNAPSHOT")).
```

Associated revisions

Revision 5ec18167 - 01/16/2015 04:17 PM - J. Moringen

Improved parsing of Maven version ranges in src/analysis/maven.lisp

fixes #2159

Version ranges like [0.11,0.12-SNAPSHOT) were parsed completely incorrectly. Now a crappy approximation (i.e. ">= 0.11" for the above) is produced instead.

- src/analysis/maven.lisp (header): updated copyright
- (%parse-maven-version-spec): terminate lower-bound version at first
"," character

Revision 685c5721 - 01/16/2015 04:30 PM - J. Moringen

Backport: Improved parsing of Maven version ranges in src/analysis/maven.lisp

refs #2159

Version ranges like [0.11,0.12-SNAPSHOT) were parsed completely incorrectly. Now a crappy approximation (i.e. ">= 0.11" for the above)

is produced instead.

- src/analysis/maven.lisp (header): updated copyright
(%parse-maven-version-spec): terminate lower-bound version at first
"," character

Revision b0407eb3 - 01/16/2015 05:12 PM - J. Moringen

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fixes #2159

Version ranges like [0.11,0.12-SNAPSHOT) were parsed completely incorrectly. Now a crappy approximation (i.e. ">= 0.11" for the above) is produced instead.

- src/analysis/maven.lisp (header): updated copyright
(analyze pathname eql :maven): produced better output for unversioned requirements
(%parse-maven-version-spec): terminate lower-bound version at first
"," character; allow trailing "," character; allow multiple version ranges

Revision aac2b833 - 01/16/2015 05:19 PM - J. Moringen

Backport: Improved parsing of Maven version ranges in src/analysis/maven.lisp

refs #2159

Version ranges like [0.11,0.12-SNAPSHOT) were parsed completely incorrectly. Now a crappy approximation (i.e. ">= 0.11" for the above) is produced instead.

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(%parse-maven-version-spec): terminate lower-bound version at first
"," character; allow trailing "," character; allow multiple version ranges

History

#1 - 01/16/2015 04:01 PM - J. Moringen

Would this parse-tree make sense:

```
(parse-version-spec "list "[0.11,0.12-SNAPSHOT)")  
(:VERSION-OPERATOR  
 :OPERATOR AND  
 (:VERSION-PREDICATE NIL  
  :OPERATOR >=  
  :VERSION (:VERSION NIL :COMPONENTS (0 11 0)))
```

```
(:VERSION-PREDICATE NIL  
:OPERATOR <  
:VERSION (:VERSION NIL :COMPONENTS (0 12 0 "SNAPSHOT"))))
```

?

#2 - 01/16/2015 04:04 PM - J. Wienke

looks right to me

#3 - 01/16/2015 04:14 PM - J. Moringen

Well, the current generator still uses a the crappy regex-based parser, but the problem can be "fixed" there as well.

#4 - 01/16/2015 04:20 PM - J. Moringen

- *Status changed from New to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset commit:5ec1816773af3b5532b084cee034a5173a11130b.