

## EDIT - bug #6539

### Build problems for taxeditor post 4.6 release

03/23/2017 05:51 PM - Patrick Plitzner

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Highest	<b>Due date:</b>	
<b>Assignee:</b>	Patrick Plitzner	<b>% Done:</b>	100%
<b>Category:</b>	taxeditor	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	Release 4.7	<b>Found in Version:</b>	
<b>Severity:</b>	normal		
<b>Description</b>			
<p>There were and still are several problems with the building the taxeditor. Some of them have to do with the switch to Java 8. This ticket should be used to solve them and also collect the information what has been done so far.</p> <p><b>Missing Constraint: Bundle-RequiredExecutionEnvironment: JavaSE-1.8</b></p> <p>It seems like this happens because we still build against Eclipse indigo and its osgi plugin cannot handle Java 8 (<a href="http://stackoverflow.com/questions/24669940/java-8-missing-required-capability-require-capability-osgi-ee-filter-osgi">http://stackoverflow.com/questions/24669940/java-8-missing-required-capability-require-capability-osgi-ee-filter-osgi</a>)</p> <p>Scenarios I tried:</p> <ul style="list-style-type: none"><li>• setting the Bundle-RequiredExecutionEnvironment to 1.7 ** fixes the problem but we already make use of Java 8 syntax which then causes the maven compiler to fail.</li><li>• Completely deleting Bundle-RequiredExecutionEnvironment ** lets the compiler fail due to Java 1.6 syntax like e.g. &lt;&gt;</li><li>• <i>only for Eclipse workspace</i>: Removing the old (indigo) osgi plugin from the target platform lets the editor start from the workspace with Bundle-RequiredExecutionEnvironment 1.8</li></ul> <p><b>A zip file cannot include itself</b></p> <p>This happened when increasing the tycho version to 1.0.0</p> <ul style="list-style-type: none"><li>• SOLVED: by deleting output.. = bin/ from build.properties</li></ul> <p><b>Missing requirement ... org.eclipse.objectteams.otdt.core.patch.feature.group</b></p> <ul style="list-style-type: none"><li>• SOLVED: by adding the feature org.eclipse.jdt instead of the plugins (see <a href="https://dev.eclipse.org/mhonarc/lists/tycho-user/msg03128.html">https://dev.eclipse.org/mhonarc/lists/tycho-user/msg03128.html</a>)</li></ul> <p><b>Missing requirement (general)</b></p> <ul style="list-style-type: none"><li>• Use features instead of plugins</li></ul>			
<b>Related issues:</b>			
Related to EDIT - feature request #4452: p2 update problem with nebula compos...			Closed

#### Associated revisions

**Revision 4e4e473c - 03/23/2017 05:52 PM - Patrick Plitzner**

ref #6539 remove Bundle-RequiredExecutionEnvironment

**Revision 414662b3 - 03/23/2017 07:45 PM - Patrick Plitzner**

ref #6539 Fix build problems

- set Bundle-RequiredExecutionEnvironment back to Java 1.8
- Remove indigo osgi dependency from target platform

**Revision b5d35767 - 03/24/2017 08:15 AM - Patrick Plitzner**

ref #6539 Set tycho version to 1.0.0

**Revision 77bc4e69 - 03/27/2017 04:26 PM - Patrick Plitzner**

ref #6539 Fix taxeditor build (temporary)

- disable macosx build

- remove /bin folder from source generation (a zip cannot include itself)

#### Revision 2856f9d1 - 03/29/2017 11:30 AM - Patrick Plitzner

ref #6539 Move to Eclipse 4 compatibility layer

- adapt rcp.target and feature.platform
- updated repositories in pom.xml
- fixed some incompatibility compile errors

#### Revision 478a3f10 - 03/29/2017 12:40 PM - Patrick Plitzner

ref #6539 Re-enable macosx build

#### Revision 3f56624d - 03/29/2017 02:54 PM - Patrick Plitzner

ref #6539 define feature.platform by features instead of plugins

- used mostly features in feature.xml

#### Revision 0da88583 - 03/30/2017 02:31 PM - Patrick Plitzner

ref #6539 Remove linuxtools from target platform

#### Revision a1169a72 - 04/03/2017 11:31 AM - Patrick Plitzner

ref #6539 Remove unused dependencies from target platform and feature

#### Revision fb8c579e - 04/04/2017 10:37 AM - Patrick Plitzner

ref #6539 Remove unnecessary dependencies from platform feature

#### Revision b953b4f0 - 04/04/2017 02:34 PM - Patrick Plitzner

ref #6539 Streamline dependencies

#### Revision a4254f30 - 04/06/2017 06:38 PM - Patrick Plitzner

ref #6539 Remove unnecessary dependencies from platform feature

### History

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#### #1 - 03/23/2017 07:08 PM - Patrick Plitzner

- Description updated

#### #2 - 03/24/2017 08:02 AM - Patrick Plitzner

- Description updated

#### #3 - 03/24/2017 08:41 AM - Patrick Plitzner

- Description updated

#### #4 - 03/28/2017 10:53 AM - Patrick Plitzner

- Related to feature request #4452: p2 update problem with nebula compositetable dependency added

#### #5 - 03/29/2017 11:15 AM - Patrick Plitzner

- Description updated

#### #6 - 03/29/2017 11:16 AM - Patrick Plitzner

- Description updated

#### #7 - 03/29/2017 12:31 PM - Patrick Plitzner

- Description updated

#### #8 - 05/04/2017 02:30 PM - Andreas Müller

- Status changed from New to In Progress

- Priority changed from New to Highest

- Target version changed from Unassigned CDM tickets to Release 4.7

**#9 - 05/05/2017 01:44 PM - Patrick Plitzner**

- *Status changed from In Progress to Closed*

- *% Done changed from 0 to 100*

Ticket can be closed. The whole build pipeline works fine after migration to eclipse 4.