

EDIT - bug #5862

Spring needs online resources during launch

06/03/2016 10:54 AM - Patrick Plitzner

Status:	Closed	Start date:	
Priority:	New	Due date:	
Assignee:	Andreas Kohlbecker	% Done:	100%
Category:	cdmlib	Estimated time:	0:00 hour
Target version:	Release 4.4	Found in Version:	
Severity:	normal		
Description			
<p>When you start e.g. vaadin or any import from cdmlib-apps/app-import/ the launcher fails when you are offline with the stack trace below.</p> <p>It is looking for this schema</p> <p>http://www.springframework.org/schema/tx/spring-tx-4.0.xsd</p> <p>We probably need to include this schema to our workspace or offline testing of application will not be possible</p> <pre>2016-06-03 10:50:18.455:WARN:oejw.WebApplicationContext:Failed startup of context o.e.j.w.WebApplicationContext{/cdm-vaadin,file:/home/pplitzner/git/vaadin/src/main/webapp/},/home/pplitzner/git/vaadin/src/main/webapp org.springframework.beans.factory.parsing.BeanDefinitionParsingException: Configuration problem: Failed to import bean definitions from URL location [classpath:/eu/etaxonomy/cdm/defaultApplicationContext.xml] Offending resource: ServletContext resource [/WEB-INF/applicationContext.xml]; nested exception is org.springframework.beans.factory.xml.XmlBeanDefinitionStoreException: Line 30 in XML document from class path resource [eu/etaxonomy/cdm/defaultApplicationContext.xml] is invalid; nested exception is org.xml.sax.SAXParseException; lineNumber: 30; columnNumber: 67; cvc-complex-type.2.4.c: The matching wildcard is strict, but no declaration can be found for element 'tx:annotation-driven'. at org.springframework.beans.factory.parsing.FailFastProblemReporter.error(FailFastProblemReporter.java:70) at org.springframework.beans.factory.parsing.ReaderContext.error(ReaderContext.java:85) at org.springframework.beans.factory.parsing.ReaderContext.error(ReaderContext.java:76) at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.importBeanDefinitionResource(DefaultBeanDefinitionDocumentReader.java:229) at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.parseDefaultElement(DefaultBeanDefinitionDocumentReader.java:180) at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.parseBeanDefinitions(DefaultBeanDefinitionDocumentReader.java:165) at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.doRegisterBeanDefinitions(DefaultBeanDefinitionDocumentReader.java:138) at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.registerBeanDefinitions(DefaultBeanDefinitionDocumentReader.java:94) at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.registerBeanDefinitions(XmlBeanDefinitionReader.java:508) at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadBeanDefinitions(XmlBeanDefinitionReader.java:392) at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDefinitionReader.java:336) at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDefinitionReader.java:304) at org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:181) at org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:217) at org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(AbstractBeanDefinitionReader.java:188) at org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWebApplicationContext.java:125) at org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWeb</pre>			

```
ApplicationContext.java:94)
    at org.springframework.context.support.AbstractRefreshableApplicationContext.refreshBeanFactory
y(AbstractRefreshableApplicationContext.java:129)
    at org.springframework.context.support.AbstractApplicationContext.obtainFreshBeanFactory(Abstract
ApplicationContext.java:609)
    at org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationC
ontext.java:510)
    at org.springframework.web.context.ContextLoader.configureAndRefreshWebApplicationContext(Cont
extLoader.java:446)
    at org.springframework.web.context.ContextLoader.initWebApplicationContext(ContextLoader.jav
a:328)
    at org.springframework.web.context.ContextLoaderListener.contextInitialized(ContextLoaderListe
ner.java:107)
    at org.eclipse.jetty.server.handler.ContextHandler.callContextInitialized(ContextHandler.jav
a:782)
    at org.eclipse.jetty.servlet.ServletContextHandler.callContextInitialized(ServletContextHandl
er.java:424)
    at org.eclipse.jetty.server.handler.ContextHandler.startContext(ContextHandler.java:774)
    at org.eclipse.jetty.servlet.ServletContextHandler.startContext(ServletContextHandler.jav
a:249)
)
    at org.eclipse.jetty.webapp.WebAppContext.startContext(WebAppContext.java:1242)
    at org.eclipse.jetty.server.handler.ContextHandler.doStart(ContextHandler.java:717)
    at org.eclipse.jetty.webapp.WebAppContext.doStart(WebAppContext.java:494)
    at org.eclipse.jetty.util.component.AbstractLifeCycle.start(AbstractLifeCycle.java:64)
    at org.eclipse.jetty.server.handler.HandlerWrapper.doStart(HandlerWrapper.java:95)
    at org.eclipse.jetty.server.Server.doStart(Server.java:282)
    at org.eclipse.jetty.util.component.AbstractLifeCycle.start(AbstractLifeCycle.java:64)
    at net.sourceforge.eclipsejetty.starter.embedded.JettyEmbeddedAdapter.start(JettyEmbeddedAdapt
er.java:67)
    at net.sourceforge.eclipsejetty.starter.common.AbstractJettyLauncherMain.launch(AbstractJettyL
auncherMain.java:84)
    at net.sourceforge.eclipsejetty.starter.embedded.JettyEmbeddedLauncherMain.main(JettyEmbeddedL
auncherMain.java:42)
Caused by:
org.springframework.beans.factory.xml.XmlBeanDefinitionStoreException: Line 30 in XML document fro
m class path resource [eu/etaxonomy/cdm/defaultApplicationContext.xml] is invalid; nested exceptio
n is org.xml.sax.SAXParseException; lineNumber: 30; columnNumber: 67; cvc-complex-type.2.4.c: The
matching wildcard is strict, but no declaration can be found for element 'tx:annotation-driven'.
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadBeanDefinitions(XmlBea
nDefinitionReader.java:399)
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBea
nDefinitionReader.java:336)
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBea
nDefinitionReader.java:304)
    at org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(
AbstractBeanDefinitionReader.java:181)
    at org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(
AbstractBeanDefinitionReader.java:217)
    at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.importBeanDefinit
ionResource(DefaultBeanDefinitionDocumentReader.java:223)
    at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.parseDefaultEleme
nt(DefaultBeanDefinitionDocumentReader.java:180)
    at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.parseBeanDefiniti
ons(DefaultBeanDefinitionDocumentReader.java:165)
    at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.doRegisterBeanDef
initions(DefaultBeanDefinitionDocumentReader.java:138)
    at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.registerBeanDefin
itions(DefaultBeanDefinitionDocumentReader.java:94)
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.registerBeanDefinitions(XmlBe
anDefinitionReader.java:508)
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadBeanDefinitions(XmlBea
nDefinitionReader.java:392)
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBea
nDefinitionReader.java:336)
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBea
nDefinitionReader.java:304)
    at org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(
```

```

AbstractBeanDefinitionReader.java:181)
    at org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(
AbstractBeanDefinitionReader.java:217)
    at org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(
AbstractBeanDefinitionReader.java:188)
    at org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWeb
ApplicationContext.java:125)
    at org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWeb
ApplicationContext.java:94)
    at org.springframework.context.support.AbstractRefreshableApplicationContext.refreshBeanFactor
y(AbstractRefreshableApplicationContext.java:129)
    at org.springframework.context.support.AbstractApplicationContext.obtainFreshBeanFactory(Abstr
actApplicationContext.java:609)
    at org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationC
ontext.java:510)
    at org.springframework.web.context.ContextLoader.configureAndRefreshWebApplicationContext(Cont
extLoader.java:446)
    at org.springframework.web.context.ContextLoader.initWebApplicationContext(ContextLoader.ja
va:328)
    at org.springframework.web.context.ContextLoaderListener.contextInitialized(ContextLoaderListe
ner.java:107)
    at org.eclipse.jetty.server.handler.ContextHandler.callContextInitialized(ContextHandler.ja
va:782)
    at org.eclipse.jetty.servlet.ServletContextHandler.callContextInitialized(ServletContextHandl
er.java:424)
    at org.eclipse.jetty.server.handler.ContextHandler.startContext(ContextHandler.java:774)
    at org.eclipse.jetty.servlet.ServletContextHandler.startContext(ServletContextHandler.ja
va:249)
)
    at org.eclipse.jetty.webapp.WebAppContext.startContext(WebAppContext.java:1242)
    at org.eclipse.jetty.server.handler.ContextHandler.doStart(ContextHandler.java:717)
    at org.eclipse.jetty.webapp.WebAppContext.doStart(WebAppContext.java:494)
    at org.eclipse.jetty.util.component.AbstractLifeCycle.start(AbstractLifeCycle.java:64)
    at org.eclipse.jetty.server.handler.HandlerWrapper.doStart(HandlerWrapper.java:95)
    at org.eclipse.jetty.server.Server.doStart(Server.java:282)
    at org.eclipse.jetty.util.component.AbstractLifeCycle.start(AbstractLifeCycle.java:64)
    at net.sourceforge.eclipsejetty.starter.embedded.JettyEmbeddedAdapter.start(JettyEmbeddedAdapt
er.java:67)
    at net.sourceforge.eclipsejetty.starter.common.AbstractJettyLauncherMain.launch(AbstractJettyL
auncherMain.java:84)
    at net.sourceforge.eclipsejetty.starter.embedded.JettyEmbeddedLauncherMain.main(JettyEmbeddedL
auncherMain.java:42)
Caused by:
org.xml.sax.SAXParseException; lineNumber: 30; columnNumber: 67; cvc-complex-type.2.4.c: The match
ing wildcard is strict, but no declaration can be found for element 'tx:annotation-driven'.
    at org.apache.xerces.util.ErrorHandlerWrapper.createSAXParseException(Unknown Source)
    at org.apache.xerces.util.ErrorHandlerWrapper.error(Unknown Source)
    at org.apache.xerces.impl.XMLErrorReporter.reportError(Unknown Source)
    at org.apache.xerces.impl.XMLErrorReporter.reportError(Unknown Source)
    at org.apache.xerces.impl.XMLErrorReporter.reportError(Unknown Source)
    at org.apache.xerces.impl.xs.XMLSchemaValidator$XSIErrorReporter.reportError(Unknown Source)
    at org.apache.xerces.impl.xs.XMLSchemaValidator.reportSchemaError(Unknown Source)
    at org.apache.xerces.impl.xs.XMLSchemaValidator.handleStartElement(Unknown Source)
    at org.apache.xerces.impl.xs.XMLSchemaValidator.emptyElement(Unknown Source)
    at org.apache.xerces.impl.XMLNSDocumentScannerImpl.scanStartElement(Unknown Source)
    at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl$FragmentContentDispatcher.dispatch(Un
known Source)
    at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl.scanDocument(Unknown Source)
    at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
    at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
    at org.apache.xerces.parsers.XMLParser.parse(Unknown Source)
    at org.apache.xerces.parsers.DOMParser.parse(Unknown Source)
    at org.apache.xerces.jaxp.DocumentBuilderImpl.parse(Unknown Source)
    at org.springframework.beans.factory.xml.DefaultDocumentLoader.loadDocument(DefaultDocumentLoa
der.java:76)
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadDocument(XmlBeanDefinit
ionReader.java:429)
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadBeanDefinitions(XmlBean

```

```
DefinitionReader.java:391)
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDe
finitionReader.java:336)
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDe
finitionReader.java:304)
    at org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(
AbstractBeanDefinitionReader.java:181)
    at org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(
AbstractBeanDefinitionReader.java:217)
    at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.importBeanDefinit
ionResource(DefaultBeanDefinitionDocumentReader.java:223)
    at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.parseDefaultEleme
nt(DefaultBeanDefinitionDocumentReader.java:180)
    at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.parseBeanDefiniti
ons(DefaultBeanDefinitionDocumentReader.java:165)
    at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.doRegisterBeanDef
initions(DefaultBeanDefinitionDocumentReader.java:138)
    at org.springframework.beans.factory.xml.DefaultBeanDefinitionDocumentReader.registerBeanDefin
itions(DefaultBeanDefinitionDocumentReader.java:94)
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.registerBeanDefinitions(XmlBe
anDefinitionReader.java:508)
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.doLoadBeanDefinitions(XmlBean
DefinitionReader.java:392)
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDe
finitionReader.java:336)
    at org.springframework.beans.factory.xml.XmlBeanDefinitionReader.loadBeanDefinitions(XmlBeanDe
finitionReader.java:304)
    at org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(
AbstractBeanDefinitionReader.java:181)
    at org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(
AbstractBeanDefinitionReader.java:217)
    at org.springframework.beans.factory.support.AbstractBeanDefinitionReader.loadBeanDefinitions(
AbstractBeanDefinitionReader.java:188)
    at org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWeb
ApplicationContext.java:125)
    at org.springframework.web.context.support.XmlWebApplicationContext.loadBeanDefinitions(XmlWeb
ApplicationContext.java:94)
    at org.springframework.context.support.AbstractRefreshableApplicationContext.refreshBeanFactor
y(AbstractRefreshableApplicationContext.java:129)
    at org.springframework.context.support.AbstractApplicationContext.obtainFreshBeanFactory(Abstr
actApplicationContext.java:609)
    at org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationC
ontext.java:510)
    at org.springframework.web.context.ContextLoader.configureAndRefreshWebApplicationContext(Cont
extLoader.java:446)
    at org.springframework.web.context.ContextLoader.initWebApplicationContext(ContextLoader.java:
328)
    at org.springframework.web.context.ContextLoaderListener.contextInitialized(ContextLoaderListe
ner.java:107)
    at org.eclipse.jetty.server.handler.ContextHandler.callContextInitialized(ContextHandler.java:
782)
    at org.eclipse.jetty.servlet.ServletContextHandler.callContextInitialized(ServletContextHandle
r.java:424)
    at org.eclipse.jetty.server.handler.ContextHandler.startContext(ContextHandler.java:774)
    at org.eclipse.jetty.servlet.ServletContextHandler.startContext(ServletContextHandler.java:249
)
    at org.eclipse.jetty.webapp.WebAppContext.startContext(WebAppContext.java:1242)
    at org.eclipse.jetty.server.handler.ContextHandler.doStart(ContextHandler.java:717)
    at org.eclipse.jetty.webapp.WebAppContext.doStart(WebAppContext.java:494)
    at org.eclipse.jetty.util.component.AbstractLifecycle.start(AbstractLifecycle.java:64)
    at org.eclipse.jetty.server.handler.HandlerWrapper.doStart(HandlerWrapper.java:95)
    at org.eclipse.jetty.server.Server.doStart(Server.java:282)
    at org.eclipse.jetty.util.component.AbstractLifecycle.start(AbstractLifecycle.java:64)
    at net.sourceforge.eclipsejetty.starter.embedded.JettyEmbeddedAdapter.start(JettyEmbeddedAdapt
er.java:67)
    at net.sourceforge.eclipsejetty.starter.common.AbstractJettyLauncherMain.launch(AbstractJettyL
auncherMain.java:84)
```

```
at net.sourceforge.eclipsejetty.starter.embedded.JettyEmbeddedLauncherMain.main(JettyEmbeddedL
auncherMain.java:42)
2016-06-03 10:50:18.468:INFO:oejs.AbstractConnector:Started SelectChannelConnector@0.0.0.0:8080
```

Associated revisions

Revision a6c3d024 - 11/07/2016 10:41 AM - Andreas Kohlbecker

fix #5862 by correctly managing dependencies

Revision 201dfb32 - 11/07/2016 11:45 AM - Andreas Kohlbecker

ref #5862 adding missing dependency to provide missing xsd when offline

Revision ab7b3cd1 - 11/07/2016 11:45 AM - Andreas Kohlbecker

fixing dependency management problems

- letting versions be managed through cdmlib-parent
- depending project on cdmlib-remote
- removing classes cloned from cdmlib-remote
- removing obsolete version definitions and dependency overrides

History

#1 - 11/04/2016 12:42 PM - Andreas Kohlbecker

- Description updated
- Category changed from architecture to cdmlib
- Status changed from New to In Progress
- Target version changed from Unassigned CDM tickets to Release 4.4
- % Done changed from 0 to 50

This can be solved by adding the spring dependency which provides the missing xsd file in the jar.

I fixed this for cdm-vaadin by adding

```
<dependency>
  <!--
    provides the spring-tx-4.0.xsd which is otherwise missing and
    breaking the dev environment when offline
  -->
  <groupId>org.springframework</groupId>
  <artifactId>spring-tx</artifactId>
  <version>${spring.version}</version>
  <scope>test</scope>
</dependency>
```

to the pom.xml : commit:cdm-vaadin|af2559b

#2 - 11/07/2016 10:41 AM - Andreas Kohlbecker

- Status changed from In Progress to Resolved

Applied in changeset [cdmlib-apps|a6c3d024c6c3121786f55c474655f4f1dd2fd2a2](#).

#3 - 11/07/2016 10:43 AM - Andreas Kohlbecker

a much better solution is to let the versions be managed through the pom.xml of cdmlib-parent:

```
<dependencyManagement>
  <dependencies>
    <dependency>
      <groupId>eu.etaxonomy</groupId>
      <artifactId>cdmlib-parent</artifactId>
      <version>${project.version}</version>
      <type>pom</type>
      <scope>import</scope>
    </dependency>
  </dependencies>
</dependencyManagement>
```

#4 - 12/01/2016 03:02 PM - Patrick Plitzner

- *Status changed from Resolved to Closed*
- *Assignee changed from Patrick Plitzner to Andreas Kohlbecker*
- *% Done changed from 50 to 100*

Works now

#5 - 01/03/2017 03:00 PM - Andreas Müller

- *Private changed from Yes to No*