

## EDIT - bug #5601

### Creation of local database structure via remoting

02/26/2016 03:31 PM - Andreas Müller

Status:	Duplicate	Start date:	
Priority:	Highest	Due date:	
Assignee:	Andreas Müller	% Done:	100%
Category:	taxeditor	Estimated time:	3:00 hours
Target version:		Found in Version:	
Severity:	blocker		
<b>Description</b>			
It is still untested if a database structure (e.g. in a local H2 database) can be created automatically in the same way as it was possible in standalone.			
This is a critical feature for turning off standalone completely.			
Needs decision if this is a taxeditor ticket or cdmserver/remote ticket.			
<b>Related issues:</b>			
Related to EDIT - feature request #8187: Use Spring Environment instead of cu...			New
Is duplicate of EDIT - feature request #9025: allow for creating a new schema...			Closed

### History

#### #1 - 03/16/2016 02:53 PM - Andreas Müller

- Target version changed from Unassigned CDM tickets to Release 4.0
- Priority changed from New to Highest
- Severity changed from normal to blocker
- Tracker changed from feature request to bug

#### #2 - 04/12/2016 11:23 AM - Katja Luther

at the moment it is not possible to connect to a h2 database with the remote editor. First we have to fix this issue : #5705

Caused by:

```
java.sql.SQLException: No suitable driver
    at java.sql.DriverManager.getDriver(DriverManager.java:278)
    at com.mchange.v2.c3p0.DriverManagerDataSource.driver(DriverManagerDataSource.java:285)
    at com.mchange.v2.c3p0.DriverManagerDataSource.getConnection(DriverManagerDataSource.java:161)
    at com.mchange.v2.c3p0.WrapperConnectionPoolDataSource.getPooledConnection(WrapperConnectionPoolDataSource.java:161)
    at com.mchange.v2.c3p0.WrapperConnectionPoolDataSource.getPooledConnection(WrapperConnectionPoolDataSource.java:147)
    at com.mchange.v2.c3p0.impl.C3P0PooledConnectionPoolManager.initializeAutomaticTestTable(C3P0PooledConnectionPoolManager.java:1000)
    at com.mchange.v2.c3p0.impl.C3P0PooledConnectionPoolManager.createPooledConnectionPool(C3P0PooledConnectionPoolManager.java:921)
    at com.mchange.v2.c3p0.impl.C3P0PooledConnectionPoolManager.getPool(C3P0PooledConnectionPoolManager.java:397)
    at com.mchange.v2.c3p0.impl.C3P0PooledConnectionPoolManager.getPool(C3P0PooledConnectionPoolManager.java:414)
    at com.mchange.v2.c3p0.impl.AbstractPoolBackedDataSource.getConnection(AbstractPoolBackedDataSource.java:140)
    at eu.etaxonomy.cdm.remote.config.DataSourceConfigurer.dataSource(DataSourceConfigurer.java:167)
    at eu.etaxonomy.cdm.remote.config.DataSourceConfigurer$$EnhancerBySpringCGLIB$$57af939.CGLIB$dataSource$0(<generated>)
    at eu.etaxonomy.cdm.remote.config.DataSourceConfigurer$$EnhancerBySpringCGLIB$$57af939$$FastClassBySpringCGLIB$$2edf344c.invoke(<generated>)
    at org.springframework.cglib.proxy.MethodProxy.invokeSuper(MethodProxy.java:228)
    at org.springframework.context.annotation.ConfigurationClassEnhancer$BeanMethodInterceptor.intercept(ConfigurationClassEnhancer.java:355)
    at eu.etaxonomy.cdm.remote.config.DataSourceConfigurer$$EnhancerBySpringCGLIB$$57af939.dataSource(<generated>)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
```

```
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:606)
at org.springframework.beans.factory.support.SimpleInstantiationStrategy.instantiate(SimpleInstantiationStrategy.java:162)
at org.springframework.beans.factory.support.ConstructorResolver.instantiateUsingFactoryMethod(ConstructorResolver.java:588)
at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.instantiateUsingFactoryMethod(AbstractAutowireCapableBeanFactory.java:1123)
at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBeanInstance(AbstractAutowireCapableBeanFactory.java:1018)
at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:510)
at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:482)
at org.springframework.beans.factory.support.AbstractBeanFactory$1.getObject(AbstractBeanFactory.java:306)
at org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:230)
at org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:302)
at org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:197)
at org.springframework.beans.factory.support.BeanDefinitionValueResolver.resolveReference(BeanDefinitionValueResolver.java:351)
at org.springframework.beans.factory.support.BeanDefinitionValueResolver.resolveValueIfNecessary(BeanDefinitionValueResolver.java:108)
at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.applyPropertyValues(AbstractAutowireCapableBeanFactory.java:1481)
at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.populateBean(AbstractAutowireCapableBeanFactory.java:1226)
at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:543)
at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:482)
at org.springframework.beans.factory.support.AbstractBeanFactory$1.getObject(AbstractBeanFactory.java:306)
at org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:230)
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at org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:302)
at org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:197)
at org.springframework.beans.factory.support.DefaultListableBeanFactory.preInstantiateSingletons(DefaultListableBeanFactory.java:772)
at org.springframework.context.support.AbstractApplicationContext.finishBeanFactoryInitialization(AbstractApplicationContext.java:839)
at org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:538)
at org.springframework.web.context.ContextLoader.configureAndRefreshWebApplicationContext(ContextLoader.java:446)
at org.springframework.web.context.ContextLoader.initWebApplicationContext(ContextLoader.java:328)
at org.springframework.web.context.ContextLoaderListener.contextInitialized(ContextLoaderListener.java:107)
)
at org.eclipse.jetty.server.handler.ContextHandler.callContextInitialized(ContextHandler.java:800)
at org.eclipse.jetty.servlet.ServletContextHandler.callContextInitialized(ServletContextHandler.java:444)
at org.eclipse.jetty.server.handler.ContextHandler.startContext(ContextHandler.java:791)
at org.eclipse.jetty.servlet.ServletContextHandler.startContext(ServletContextHandler.java:294)
at org.eclipse.jetty.webapp.WebAppContext.startWebapp(WebAppContext.java:1349)
at org.eclipse.jetty.webapp.WebAppContext.startContext(WebAppContext.java:1342)
at org.eclipse.jetty.server.handler.ContextHandler.doStart(ContextHandler.java:741)
at org.eclipse.jetty.webapp.WebAppContext.doStart(WebAppContext.java:505)
at org.eclipse.jetty.util.component.AbstractLifeCycle.start(AbstractLifeCycle.java:68)
at org.eclipse.jetty.util.component.ContainerLifeCycle.start(ContainerLifeCycle.java:132)
```

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at org.eclipse.jetty.server.Server.start(Server.java:387)
at org.eclipse.jetty.util.component.ContainerLifeCycle.doStart(ContainerLifeCycle.java:114)
at org.eclipse.jetty.server.handler.AbstractHandler.doStart(AbstractHandler.java:61)
at org.eclipse.jetty.server.Server.doStart(Server.java:354)
at org.eclipse.jetty.util.component.AbstractLifeCycle.start(AbstractLifeCycle.java:68)
at eu.etaxonomy.taxeditor.webapp.CDMServer$1.run(CDMServer.java:183)
```

**#3 - 05/02/2016 03:12 PM - Andreas Müller**

- Target version changed from Release 4.0 to Release 4.1

**#4 - 06/01/2016 01:23 PM - Andreas Müller**

- Target version changed from Release 4.1 to Release 4.2

**#5 - 07/06/2016 03:23 PM - Andreas Müller**

- Target version changed from Release 4.2 to Release 4.3

**#6 - 09/26/2016 09:56 AM - Andreas Müller**

- Target version changed from Release 4.3 to Release 4.4

**#7 - 09/26/2016 10:47 AM - Andreas Müller**

- Subject changed from Creation of database structure via remoting to [DISCUSS] Creation of database structure via remoting
- Description updated
- Estimated time set to 3:00 h

**#8 - 12/01/2016 02:44 PM - Andreas Müller**

- Target version changed from Release 4.4 to Release 4.5

**#9 - 01/19/2017 01:36 PM - Andreas Müller**

- Target version changed from Release 4.5 to Release 4.6

**#10 - 03/10/2017 08:45 PM - Andreas Müller**

- Target version changed from Release 4.6 to Release 4.7

**#11 - 05/11/2017 04:00 PM - Andreas Müller**

- Target version changed from Release 4.7 to Release 4.8

**#12 - 07/06/2017 10:11 PM - Andreas Müller**

- Target version changed from Release 4.8 to Release 4.9

**#13 - 07/21/2017 10:33 AM - Andreas Müller**

- Target version changed from Release 4.9 to Release 4.10

**#14 - 09/24/2017 01:26 AM - Andreas Müller**

- Target version changed from Release 4.10 to Release 4.12

**#15 - 12/05/2017 02:25 PM - Andreas Müller**

- Target version changed from Release 4.12 to Release 4.13

**#16 - 01/31/2018 12:23 PM - Andreas Müller**

- Target version changed from Release 4.13 to Release 4.14

**#17 - 02/15/2018 03:25 PM - Andreas Müller**

- Target version changed from Release 4.14 to Release 5.0

**#18 - 02/21/2018 01:35 PM - Andreas Müller**

- Private changed from Yes to No

**#19 - 02/21/2018 01:40 PM - Andreas Müller**

- Target version changed from Release 5.0 to Release 5.1

**#20 - 06/28/2018 12:06 AM - Andreas Müller**

- Target version changed from Release 5.1 to Release 5.2

**#21 - 08/17/2018 03:50 PM - Andreas Müller**

- Target version changed from Release 5.2 to Release 5.3

**#22 - 09/06/2018 08:53 PM - Katja Luther**

- Target version changed from Release 5.3 to Release 5.4

**#23 - 10/23/2018 10:40 AM - Andreas Müller**

- Target version changed from Release 5.4 to Release 5.5

**#24 - 02/19/2019 02:43 PM - Andreas Müller**

- Target version changed from Release 5.5 to Release 5.6

**#25 - 02/19/2019 03:12 PM - Andreas Müller**

- Target version changed from Release 5.6 to Reviewed Next Major Release

**#26 - 03/20/2019 11:35 AM - Andreas Kohlbecker**

- Related to feature request #8187: Use Spring Environment instead of custom code in AbstractWebApplicationConfigurer added

**#27 - 06/10/2020 12:40 AM - Andreas Müller**

- Assignee changed from Katja Luther to Andreas Müller

- Target version changed from Reviewed Next Major Release to Release 5.15

- % Done changed from 0 to 90

This is probably fixed with [#9025](#). Still need to test if it really works with H2.

**#28 - 06/10/2020 12:41 AM - Andreas Müller**

- Is duplicate of feature request #9025: allow for creating a new schema in empty dbs via the remote login dialog added

**#29 - 06/10/2020 09:40 AM - Andreas Kohlbecker**

- Status changed from New to Feedback

Andreas Müller wrote:

This is probably fixed with [#9025](#). Still need to test if it really works with H2.

So this ticket is only about databases related to the "local managed server" which is started from within the TaxEditor? It would be good to clarify this in the ticket subject.

**#30 - 06/11/2020 05:10 PM - Andreas Müller**

- Assignee changed from Andreas Müller to Andreas Kohlbecker

As the description says "can be created automatically in the same way **as it was possible in standalone**". And "critical feature for **turning off standalone** completely".

As standalone is more or less doing what localhost mgd. is doing I guess this ticket is only about localhost mgd.

I also wouldn't consider it necessary to make it possible to create a new DB schema on a remote server via TaxEditor and not using localhost mgd.

This is functionality that we could maybe have in the CDM Server web interface. But this might be another ticket. Feel free to create such a ticket if it does not yet exist.

**#31 - 06/15/2020 10:02 AM - Andreas Kohlbecker**

- Assignee changed from Andreas Kohlbecker to Andreas Müller

Andreas Müller wrote:

As the description says "can be created automatically in the same way **as it was possible in standalone**" .  
And " critical feature for **turning off standalone** completely".

As standalone is more or less doing what localhost mgd. is doing I guess this ticket is only about localhost mgd.

I also wouldn't consider it necessary to make it possible to create a new DB schema on a remote server via TaxEditor and not using localhost mgd.

This is functionality that we could maybe have in the CDM Server web interface. But this might be another ticket. Feel free to create such a ticket if it does not yet exist.

I was asking for clarifying the subject so that you can more easily understand the focus of this issue when you don't see the description, like in issue lists. The description is clear enough

**#32 - 06/15/2020 10:22 AM - Andreas Müller**

- *Subject changed from [DISCUSS] Creation of database structure via remoting to Creation of database structure via remoting*
- *Status changed from Feedback to Duplicate*
- *Target version deleted (Release 5.15)*
- *% Done changed from 90 to 100*

So I close this ticket as duplicate. If you have an idea for a better ticket title feel free to change it.

**#33 - 06/15/2020 10:29 AM - Andreas Kohlbecker**

- *Subject changed from Creation of database structure via remoting to Creation of local database structure via remoting*

**#34 - 06/15/2020 12:09 PM - Andreas Müller**

Don't know if this is a better title. The database is not necessarily a **local** one. It only needs to be reachable, e.g. I can create a DB schema on production from my local TaxEditor as long as I have access to the production database from my machine.