

caArray 057 - caArray deployed in Eclipse - exception when caArray tested

Question: I deployed caArray in Eclipse but got an exception when I tested caArray. Why?

Topic: caArray Installation and Upgrade

Release: Up to caArray 2.x

Date entered: 04/14/2010

Details about the Question

I deployed caArray in Eclipse and tried to test the program. When I clicked on the "Manage array design", I got exceptions. The first part of the exceptions was like these:

```
java.lang.IllegalArgumentException: Category is null
    at gov.nih.nci.caarray.business.vocabulary.VocabularyServiceBean.getTerms(VocabularyServiceBean.java:134)
    at gov.nih.nci.caarray.business.vocabulary.VocabularyServiceBean.getTerms(VocabularyServiceBean.java:126)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:39)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25)
    at java.lang.reflect.Method.invoke(Method.java:585)
    at org.jboss.aop.joinpoint.MethodInvocation.invokeNext(MethodInvocation.java:112)
    at org.jboss.ejb3.interceptor.InvocationContextImpl.proceed(InvocationContextImpl.java:166)
    at gov.nih.nci.caarray.application.ExceptionLoggingInterceptor.logException(ExceptionLoggingInterceptor.java:
107)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:39)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25)
    at java.lang.reflect.Method.invoke(Method.java:585)
    at org.jboss.ejb3.interceptor.InvocationContextImpl.proceed(InvocationContextImpl.java:118)
    .....
    .....
    .....
    at gov.nih.nci.caarray.web.filter.CacheControlFilter.doFilter(CacheControlFilter.java:132)
    at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:202)
    at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:173)
    at gov.nih.nci.caarray.web.filter.UpgradeFilter.doFilter(UpgradeFilter.java:121)
    at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:202)
    at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:173)
    at org.jboss.web.tomcat.filters.ReplyHeaderFilter.doFilter(ReplyHeaderFilter.java:96)
    at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:202)
    at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:173)
    at org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:213)
    at org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:178)
    at org.jboss.web.tomcat.security.SecurityAssociationValve.invoke(SecurityAssociationValve.java:175)
    at org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:524)
    at org.jboss.web.tomcat.security.JaccContextValve.invoke(JaccContextValve.java:74)
    at org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:126)
    at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:105)
    at org.jboss.web.tomcat.tc5.jca.CachedConnectionValve.invoke(CachedConnectionValve.java:156)
    at org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:107)
    at org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:148)
    at org.apache.coyote.http11.Http11Processor.process(Http11Processor.java:869)
    at org.apache.coyote.http11.Http11BaseProtocol$Http11ConnectionHandler.processConnection(Http11BaseProtocol.
java:664)
    at org.apache.tomcat.util.net.PoolTcpEndpoint.processSocket(PoolTcpEndpoint.java:527)
    at org.apache.tomcat.util.net.MasterSlaveWorkerThread.run(MasterSlaveWorkerThread.java:112)
    at java.lang.Thread.run(Thread.java:595)"
```

Answer

This type of the exception could be caused by an empty caArray schema. The user should verify if the caArray schema has been setup properly by:

1. Opening the caArray database to see if the tables have been installed.
2. Querying a known caArray table in MySQL Client:

```
SELECT * FROM category
```

If the schema is indeed empty, it can be reinstalled via the steps below:

1. Shut down the caArray JBoss server.
2. Run the following ant command from the software/build folder:

```
ant database:reinitialize
```

3. Restart caArray JBoss

Have a comment?

Please leave your comment in the [caArray End User Forum](#).