

StocksAndFisheriesKB - Bug #12040

Error while publishing GRSF record

Jun 26, 2018 12:58 PM - Yannis Marketakis

Status:	Closed	Start date:	Jun 26, 2018
Priority:	High	Due date:	
Assignee:	Luca Frosini	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
An error occurred while publishing the following GRSF record.			
The JSON export of the record as well as the publishing log are attached.			
Related issues:			
Related to StocksAndFisheriesKB - Task #11973: Please start the submission of...			Closed Jun 18, 2018
Blocked by D4Science Infrastructure - Task #11982: Increase RAM on ckan-grsf-...			Closed Jun 19, 2018

History

#1 - Jun 26, 2018 01:00 PM - Yannis Marketakis

- Related to Task #11973: Please start the submission of GRSF from Knowledge base. added

#2 - Jun 26, 2018 03:02 PM - Pasquale Pagano

- Priority changed from Normal to High

#3 - Jun 26, 2018 03:10 PM - Luca Frosini

- Blocked by Task #11982: Increase RAM on ckan-grsf-admin2.d4science.org added

#4 - Jun 26, 2018 03:12 PM - Luca Frosini

- Status changed from New to In Progress

#5 - Jun 26, 2018 06:09 PM - Luca Frosini

Hi Yannis,

trying to create the record I get the following error:

```
2018-06-26 17:55:55,829 [catalina-exec-8] ERROR GrsfPublisherStockService: Failed to create stock record java.lang.Exception: A product with 'uuid_knowledge_base' f565df40-11a8-31b0-b8df-796eae1c4090 already exists
```

You can verify if it was correctly created from here:

http://data.d4science.org/ctlg/GRSF_Admin/f565df40-11a8-31b0-b8df-796eae1c4090

Do I have to update it instead?

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#6 - Jun 27, 2018 08:54 AM - Yannis Marketakis

Hi Luca,

Indeed, even if when I tried to publish it, I received the error message that appears in the description, however the record was published.

However, this causes inconsistencies because the GRSF KB is not aware that the record was published normally, since the corresponding info (i.e. the catalog ID and catalog URL) were not returned from the publisher service.

I'll try to remove and republish the record to see if it is OK now.

#7 - Jun 27, 2018 09:25 AM - Yannis Marketakis

Unfortunately, the problem persists.

You could try to publish it now (that I have removed it) to see the error.

#8 - Jun 27, 2018 10:16 AM - Luca Frosini

I'm going to publish it

#9 - Jun 27, 2018 10:19 AM - Luca Frosini

I get a SocketTimeoutException from CKAN. @francesco.mangiacrapa@isti.cnr.it any ideas?

```
eu.trentorise.opendata.jackan.exceptions.CkanException: Error while performing a POST! Request url is:https://
ckan-grsf-admin.d4science.org/api/3/action/package_create  CkanClient{catalogURL=https://ckan-grsf-admin.d4sci
ence.org, ckanToken=*****MASKED_TOKEN*****}
    at eu.trentorise.opendata.jackan.CkanClient.postHttp(CkanClient.java:616)
    at eu.trentorise.opendata.jackan.CkanClient.createDataset(CkanClient.java:1400)
    at eu.trentorise.opendata.jackan.CheckedCkanClient.createDataset(CheckedCkanClient.java:254)
    at org.gcube.datacatalogue.ckanutillibrary.server.DataCatalogueImpl.createCkanDatasetBody(DataCatalogueImp
l.java:854)
    at org.gcube.datacatalogue.ckanutillibrary.server.DataCatalogueImpl.createCKanDatasetMultipleCustomFields(
DataCatalogueImpl.java:727)
    at org.gcube.data_catalogue.grsf_publish_ws.services.GrsfPublisherStockService.publishStock(GrsfPublishersS
tockService.java:187)
    at sun.reflect.GeneratedMethodAccessor265.invoke(Unknown Source)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:498)
    at org.glassfish.jersey.server.model.internal.ResourceMethodInvocationHandlerFactory$1.invoke(ResourceMeth
odInvocationHandlerFactory.java:81)
    at org.glassfish.jersey.server.model.internal.AbstractJavaResourceMethodDispatcher$1.run(AbstractJavaResou
rceMethodDispatcher.java:144)
    at org.glassfish.jersey.server.model.internal.AbstractJavaResourceMethodDispatcher.invoke(AbstractJavaReso
urceMethodDispatcher.java:161)
    at org.glassfish.jersey.server.model.internal.JavaResourceMethodDispatcherProvider$ResponseOutInvoker.doDi
spatch(JavaResourceMethodDispatcherProvider.java:160)
    at org.glassfish.jersey.server.model.internal.AbstractJavaResourceMethodDispatcher.dispatch(AbstractJavaRe
sourceMethodDispatcher.java:99)
    at org.glassfish.jersey.server.model.ResourceMethodInvoker.invoke(ResourceMethodInvoker.java:389)
    at org.glassfish.jersey.server.model.ResourceMethodInvoker.apply(ResourceMethodInvoker.java:347)
    at org.glassfish.jersey.server.model.ResourceMethodInvoker.apply(ResourceMethodInvoker.java:102)
    at org.glassfish.jersey.server.ServerRuntime$2.run(ServerRuntime.java:326)
    at org.glassfish.jersey.internal.Errors$1.call(Errors.java:271)
    at org.glassfish.jersey.internal.Errors$1.call(Errors.java:267)
    at org.glassfish.jersey.internal.Errors.process(Errors.java:315)
    at org.glassfish.jersey.internal.Errors.process(Errors.java:297)
    at org.glassfish.jersey.internal.Errors.process(Errors.java:267)
    at org.glassfish.jersey.process.internal.RequestScope.runInScope(RequestScope.java:317)
    at org.glassfish.jersey.server.ServerRuntime.process(ServerRuntime.java:305)
    at org.glassfish.jersey.server.ApplicationHandler.handle(ApplicationHandler.java:1154)
    at org.glassfish.jersey.servlet.WebComponent.serviceImpl(WebComponent.java:473)
    at org.glassfish.jersey.servlet.WebComponent.service(WebComponent.java:427)
    at org.glassfish.jersey.servlet.ServletContainer.service(ServletContainer.java:388)
    at org.glassfish.jersey.servlet.ServletContainer.service(ServletContainer.java:341)
    at org.glassfish.jersey.servlet.ServletContainer.service(ServletContainer.java:228)
    at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:303)
    at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
    at org.gcube.smartgears.managers.RequestManager.doFilter(RequestManager.java:95)
    at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:241)
    at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
    at org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:220)
    at org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:122)
    at org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:501)
    at org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:170)
    at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:98)
    at org.apache.catalina.valves.AccessLogValve.invoke(AccessLogValve.java:950)
    at org.apache.catalina.valves.RemoteIpValve.invoke(RemoteIpValve.java:683)
    at org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:116)
    at org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:408)
    at org.apache.coyote.http11.AbstractHttp11Processor.process(AbstractHttp11Processor.java:1041)
    at org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:607)
    at org.apache.tomcat.util.net.JIoEndpoint$SocketProcessor.run(JIoEndpoint.java:313)
    at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
    at java.lang.Thread.run(Thread.java:748)
Caused by: java.net.SocketTimeoutException: Read timed out
    at java.net.SocketInputStream.socketRead0(Native Method)
    at java.net.SocketInputStream.socketRead(SocketInputStream.java:116)
    at java.net.SocketInputStream.read(SocketInputStream.java:171)
    at java.net.SocketInputStream.read(SocketInputStream.java:141)
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    at sun.security.ssl.InputRecord.readFully(InputRecord.java:465)
    at sun.security.ssl.InputRecord.read(InputRecord.java:503)
    at sun.security.ssl.SSLSocketImpl.readRecord(SSLSocketImpl.java:983)
    at sun.security.ssl.SSLSocketImpl.readDataRecord(SSLSocketImpl.java:940)
    at sun.security.ssl.AppInputStream.read(AppInputStream.java:105)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.io.SessionInputBufferImpl.streamRead(SessionInputBufferImpl.java:136)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.io.SessionInputBufferImpl.fillBuffer(SessionInputBufferImpl.java:152)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.io.SessionInputBufferImpl.readLine(SessionInputBufferImpl.java:270)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.conn.DefaultHttpResponseParser.parseHead(DefaultHttpResponseParser.java:140)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.conn.DefaultHttpResponseParser.parseHead(DefaultHttpResponseParser.java:57)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.io.AbstractMessageParser.parse(AbstractMessageParser.java:260)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.DefaultBHttpClientConnection.receiveResponseHeader(DefaultBHttpClientConnection.java:161)
    at sun.reflect.GeneratedMethodAccessor89.invoke(Unknown Source)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:498)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.conn.CPooledProxy.invoke(CPooledProxy.java:138)
    at com.sun.proxy.$Proxy185.receiveResponseHeader(Unknown Source)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.protocol.HttpRequestExecutor.doReceiveResponse(HttpRequestExecutor.java:271)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.protocol.HttpRequestExecutor.execute(HttpRequestExecutor.java:123)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.execchain.MainClientExec.execute(MainClientExec.java:253)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.execchain.ProtocolExec.execute(ProtocolExec.java:194)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.execchain.RetryExec.execute(RetryExec.java:85)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.execchain.RedirectExec.execute(RedirectExec.java:108)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.client.InternalHttpClient.doExecute(InternalHttpClient.java:186)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.client.CloseableHttpClient.execute(CloseableHttpClient.java:82)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.client.CloseableHttpClient.execute(CloseableHttpClient.java:106)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.impl.client.CloseableHttpClient.execute(CloseableHttpClient.java:57)
    at eu.trentorise.opendata.jackan.internal.org.apache.http.client.fluent.Request.execute(Request.java:143)
    at eu.trentorise.opendata.jackan.CkanClient.postHttp(CkanClient.java:605)
    ... 50 common frames omitted

```

#10 - Jun 27, 2018 11:22 AM - Luca Frosini

@francesco.mangiacrapa@isti.cnr.it and me investigated the problem.

My request arrived at '2018-06-27 10:17:06,174' and we obtained a timeout at '2018-06-27 10:17:22,534' about 16 seconds later. The apache instance running CKAN has in the general configuration () a timeout of 300 seconds.

@francesco.mangiacrapa@isti.cnr.it investigated CKAN client library and he found that it explicitly set a timeout of 15 seconds.

We are going to investigate a workaround.

#12 - Jun 27, 2018 02:14 PM - Luca Frosini

- % Done changed from 0 to 90

@francesco.mangiacrapa@isti.cnr.it implemented a workaround for the timeout. I tested it in dev and seems working.

@roberto.cirillo@isti.cnr.it I just deployed the new version of grsf-publisher-ws in snapshot repository. Can you please manually update the service in smart-grsf-d4s.d4science.org.

#15 - Jun 27, 2018 02:39 PM - Roberto Cirillo

The service has been upgraded, now it is up and running.

#16 - Jun 27, 2018 02:48 PM - Luca Frosini

- Status changed from In Progress to Feedback

- % Done changed from 90 to 100

@marketak@ics.forth.gr you can restart the process as you wish

#17 - Jun 27, 2018 03:30 PM - Yannis Marketakis

- Status changed from Feedback to Closed

After increasing the TIMEOUT I managed to publish the record normally.
Thanks!

#18 - Jun 27, 2018 04:56 PM - Luca Frosini

Thanks a lot @marketak@ics.forth.gr

#19 - Jul 26, 2018 02:08 PM - Luca Frosini

- Project changed from 8 to StocksAndFisheriesKB
- Category deleted (Default)
- Target version deleted (Unspritable)

#20 - Jul 26, 2018 02:19 PM - Luca Frosini

- Tracker changed from Task to Bug

Files

GRSF_publishing_log.txt	867 Bytes	Jun 26, 2018	Yannis Marketakis
f565df40-11a8-31b0-b8df-796eae1c4090.json	83 KB	Jun 26, 2018	Yannis Marketakis