

Application: gvSIG desktop - gvSIG bugs #4796

Falla la exportacion a PostgreSQL.

01/22/2018 09:52 AM - Joaquín del Cerro Murciano

Status:	Closed	% Done:	0%
Priority:	Normal	Spent time:	0.00 hour
Assignee:	Joaquín del Cerro Murciano		
Category:			
Target version:	2.4.0-2847 (rev. org.gvsig.desktop-2.0.216)		
Severity:	Major	Add-on version:	
gvSIG version:	2.4.0	Add-on build:	
gvSIG build:	2846	Add-on resolve version:	
Operative System:		Add-on resolve build:	
Keywords:		Proyecto:	
Has patch:		Hito:	
Add-on name:	Unknown		

Description

Al exportar una capa de puntos (un shape) a PostgreSQL falla con el error;

An error has been produced exporting a store

Can't INSERT feature in store 'puntos_logronos'.

Can't INSERT feature.

ERROR: function st_geomfromwkb(bytea, character varying) does not exist Hint: No function matches the given name and argument types. You might need to add explicit type casts. Position: 120

Parece que por alguna razon, al construir la sentencia SQL "insert", pasa el SRS a la funcion "ST_GeomFromWKB" como un string cuando deberia llegarle como un entero.

La traza del error completa que aparece en la consola es:

```
INFO 62280 [Thread-8] (DefaultJExporttoServicePanel.java:291) - Exporting 'puntos_logrono' using
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'org.gvsig.exportto.swing.prov.jdbc.ExporttoJDBCService'
```

```
(/home/jjdelcerro/datos/geodata/vector/shp2d/puntos_logrono/puntos_logrono.shp).
```

```
DEBUG 62285 [Thread-8] (AbstractConnectionOperation.java:58) - preparing execution of CreateTableOperation.
```

```
DEBUG 62285 [Thread-8] (PostgreSQLHelper.java:68) - getConnection:
```

```
BasicDataSource pool status:
```

```
Connection URL: 'jdbc:postgresql://127.0.0.1:5432/gis'
```

```
MaxActive: 8 (The maximum number of active connections that can be allocated from this pool at the same time)
```

```
MaxIdle: 8 (The maximum number of connections that can remain idle in the pool)
```

```
NumActive:0 (the current number of active connections)
```

```
NumIdle:0 (the current number of idle connections)
```

```
DEBUG 62291 [Thread-8] (PostgreSQLHelper.java:78) - Created connection: 355485716
```

```
NumActive: 1
```

```
NumIdle: 0
```

```
DEBUG 62291 [Thread-8] (AbstractConnectionOperation.java:69) - Excuting operation CreateTableOperation.
```

```
DEBUG 62295 [Thread-8] (PostgreSQLHelper.java:68) - getConnection:
```

```
BasicDataSource pool status:
```

```
Connection URL: 'jdbc:postgresql://127.0.0.1:5432/gis'
```

```
MaxActive: 8 (The maximum number of active connections that can be allocated from this pool at the same time)
```

```
MaxIdle: 8 (The maximum number of connections that can remain idle in the pool)
```

NumActive:1 (the current number of active connections)
NumIdle:0 (the current number of idle connections)

DEBUG 62297 [Thread-8] (PostgreSQLHelper.java:78) - Created connection: 2136767916

NumActive: 2
NumIdle: 0

DEBUG 62299 [Thread-8] (JDBCUtils.java:26) - execute query SQL: select srid, auth_name, auth_srid from spatial_ref_sys where upper(auth_name) = upper('EPSG') and auth_srid = 4326

DEBUG 62418 [Thread-8] (JDBCUtils.java:32) - execute SQL: CREATE TABLE "gis"."public"."puntos_logrono" ("id" VARCHAR(20) DEFAULT " NOT NULL, "x" DOUBLE PRECISION DEFAULT '0.0' NOT NULL, "campo3" DOUBLE PRECISION DEFAULT '0.0' NOT NULL, "hiperenlac" VARCHAR(254) DEFAULT " NOT NULL, "pk" SERIAL PRIMARY KEY)

DEBUG 62728 [Thread-8] (JDBCUtils.java:32) - execute SQL: SELECT AddGeometryColumn('public', 'puntos_logrono', 'geometry', 4326, 'POINT', 2, true)

DEBUG 62903 [Thread-8] (PostgreSQLHelper.java:104) - Closed connection: 355485716

isClosed: true
NumActive: 0
NumIdle: 2

DEBUG 62908 [Thread-8] (AbstractConnectionOperation.java:58) - preparing execution of PostgreSQLFetchFeatureTypeOperation.

DEBUG 62914 [Thread-8] (PostgreSQLHelper.java:68) - getConnection:

BasicDataSource pool status:

Connection URL: 'jdbc:postgresql://127.0.0.1:5432/gis'
MaxActive: 8 (The maximum number of active connections that can be allocated from this pool at the same time)
MaxIdle: 8 (The maximum number of connections that can remain idle in the pool)
NumActive:0 (the current number of active connections)
NumIdle:0 (the current number of idle connections)

DEBUG 62921 [Thread-8] (PostgreSQLHelper.java:78) - Created connection: 900682863

NumActive: 1
NumIdle: 0

DEBUG 62921 [Thread-8] (AbstractConnectionOperation.java:69) - Executing operation PostgreSQLFetchFeatureTypeOperation.

DEBUG 62959 [Thread-8] (JDBCUtils.java:26) - execute query SQL: SELECT * FROM "gis"."public"."puntos_logrono" LIMIT 1

DEBUG 63060 [Thread-8] (JDBCUtils.java:26) - execute query SQL: SELECT "f_table_catalog", "f_table_schema", "f_table_name", "f_geometry_column", "coord_dimension", "srid", "type" FROM "geometry_columns" WHERE (("f_table_name") = ('puntos_logrono')) AND (("f_geometry_column") = ('geometry'))

DEBUG 63080 [Thread-8] (JDBCUtils.java:26) - execute query SQL: select srid, auth_name, auth_srid from spatial_ref_sys where srid = 4326

DEBUG 63082 [Thread-8] (PostgreSQLHelper.java:104) - Closed connection: 900682863

isClosed: true
NumActive: 0
NumIdle: 1

DEBUG 63084 [Thread-8] (PostgreSQLHelper.java:68) - getConnection:

BasicDataSource pool status:

Connection URL: 'jdbc:postgresql://127.0.0.1:5432/gis'
MaxActive: 8 (The maximum number of active connections that can be allocated from this pool at the same time)
MaxIdle: 8 (The maximum number of connections that can remain idle in the pool)
NumActive:0 (the current number of active connections)
NumIdle:1 (the current number of idle connections)

DEBUG 63084 [Thread-8] (PostgreSQLHelper.java:78) - Created connection: 900682863

NumActive: 1
NumIdle: 0

DEBUG 63183 [Thread-8] (PostgreSQLHelper.java:68) - getConnection:

BasicDataSource pool status:

Connection URL: 'jdbc:postgresql://127.0.0.1:5432/gis'

MaxActive: 8 (The maximum number of active connections that can be allocated from this pool at the same time)

MaxIdle: 8 (The maximum number of connections that can remain idle in the pool)

NumActive:1 (the current number of active connections)

NumIdle:0 (the current number of idle connections)

DEBUG 63186 [Thread-8] (PostgreSQLHelper.java:78) - Created connection: 1811581642

NumActive: 2

NumIdle: 0

DEBUG 63187 [Thread-8] (JDBCQueryBuilderBase.java:253) - st.set(/*1*/ '1', /*2*/ 542508.47853, /*3*/ 4704330.722153, /*4*/
'/home/jmarti/logrono.jpg', /*5*/ decode('00000000141208e58f501e6e24151f212ae37c09c','hex'), /*6*/ '4326',)

DEBUG 63188 [Thread-8] (JDBCUtils.java:54) - execute update SQL: INSERT INTO "gis"."public"."puntos_logrono" ("id", "x",
"campo3", "hiperenlac", "geometry") VALUES (?, ?, ?, ?, ST_GeomFromWKB(?, (??)))

WARN 63216 [Thread-8] (ExporrtoJDBCService.java:406) - Can't export data.

org.gvsig.fmap.dal.feature.exception.StoreInsertFeatureException: Can't insert feature in store 'puntos_logronos'.

at org.gvsig.fmap.dal.feature.impl.DefaultFeatureStore.insert(DefaultFeatureStore.java:1260)

at org.gvsig.exportto.swing.prov.jdbc.ExporrtoJDBCService.export(ExporrtoJDBCService.java:352)

at org.gvsig.exportto.swing.impl.DefaultJExporttoServicePanel\$Export.run(DefaultJExporttoServicePanel.java:293)

Caused by: java.lang.RuntimeException: Can't insert feature.

at org.gvsig.fmap.dal.store.jdbc2.spi.operations.AppendOperation.append(AppendOperation.java:125)

at org.gvsig.fmap.dal.store.jdbc2.spi.JDBCStoreProviderBase.append(JDBCStoreProviderBase.java:583)

at org.gvsig.fmap.dal.feature.impl.DefaultFeatureStore.insert(DefaultFeatureStore.java:1247)

... 2 more

Caused by: org.postgresql.util.PSQLException: ERROR: function st_geomfromwkb(bytea, character varying) does not exist

Hint: No function matches the given name and argument types. You might need to add explicit type casts.

Position: 120

at org.postgresql.core.v3.QueryExecutorImpl.receiveErrorResponse(QueryExecutorImpl.java:2103)

at org.postgresql.core.v3.QueryExecutorImpl.processResults(QueryExecutorImpl.java:1836)

at org.postgresql.core.v3.QueryExecutorImpl.execute(QueryExecutorImpl.java:257)

at org.postgresql.jdbc2.AbstractJdbc2Statement.execute(AbstractJdbc2Statement.java:512)

at org.postgresql.jdbc2.AbstractJdbc2Statement.executeWithFlags(AbstractJdbc2Statement.java:388)

at org.postgresql.jdbc2.AbstractJdbc2Statement.executeUpdate(AbstractJdbc2Statement.java:334)

at org.apache.commons.dbcp.DelegatingPreparedStatement.executeUpdate(DelegatingPreparedStatement.java:102)

at org.gvsig.fmap.dal.store.jdbc2.JDBCUtils.executeUpdate(JDBCUtils.java:55)

at org.gvsig.fmap.dal.store.jdbc2.spi.operations.AppendOperation.append(AppendOperation.java:123)

... 4 more

DEBUG 63218 [Thread-8] (PostgreSQLHelper.java:104) - Closed connection: 900682863

isClosed: true

NumActive: 0

NumIdle: 2

WARN 63218 [Thread-8] (DefaultJExporttoServicePanel.java:295) - Problems exporting the data (layer=puntos_logrono).

org.gvsig.exportto.ExporttoServiceException: An error has been produced exporting a store

at org.gvsig.exportto.swing.prov.jdbc.ExporrtoJDBCService.export(ExporrtoJDBCService.java:408)

at org.gvsig.exportto.swing.impl.DefaultJExporttoServicePanel\$Export.run(DefaultJExporttoServicePanel.java:293)

Caused by: org.gvsig.fmap.dal.feature.exception.StoreInsertFeatureException: Can't insert feature in store 'puntos_logronos'.

at org.gvsig.fmap.dal.feature.impl.DefaultFeatureStore.insert(DefaultFeatureStore.java:1260)

at org.gvsig.exportto.swing.prov.jdbc.ExporrtoJDBCService.export(ExporrtoJDBCService.java:352)

... 1 more

Caused by: java.lang.RuntimeException: Can't insert feature.

at org.gvsig.fmap.dal.store.jdbc2.spi.operations.AppendOperation.append(AppendOperation.java:125)

at org.gvsig.fmap.dal.store.jdbc2.spi.JDBCStoreProviderBase.append(JDBCStoreProviderBase.java:583)

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... 2 more

Caused by: org.postgresql.util.PSQLException: ERROR: function st_geomfromwkb(bytea, character varying) does not exist

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... 4 more

INFO 63218 [Thread-8] (Messages.java:753) - [org.gvsig.i18n.Messages] Cannot find translation for key '_Warning'!

Associated revisions

Revision 43738 - 01/22/2018 01:40 PM - Joaquín del Cerro Murciano

refs #4796, modificado el SRSSolverBase para que solo maneje SRS de tipo Integer. Si el gestor de BBDD lo requiere de otro tipo se debe aportar una implementacion a medida de SRSSolver (que es de tipo object)

Revision 452 - 01/22/2018 01:41 PM - Joaquín del Cerro Murciano

refs #4796, Corregido el tipo del SRS cuando se lee de la tabla geometry_columns. Se asumia String y es Integer.

History

#1 - 01/23/2018 08:51 AM - Joaquín del Cerro Murciano

- Target version changed from 2.4.0-2850-final (rev. org.gvsig.desktop-2.0.220) to 2.4.0-2847 (rev. org.gvsig.desktop-2.0.216)

- Status changed from New to Fixed

#2 - 01/30/2018 09:16 AM - Álvaro Anguix

- Status changed from Fixed to Closed