

## Application: gvSIG desktop - gvSIG bugs #4792

### Spatialite create table fails

01/18/2018 07:13 PM - Cesar Martinez Izquierdo

<b>Status:</b> Closed	<b>% Done:</b> 0%
<b>Priority:</b> High	<b>Spent time:</b> 0.00 hour
<b>Assignee:</b> Joaquín del Cerro Murciano	
<b>Category:</b>	
<b>Target version:</b> 2.4.0-2847 (rev. org.gvsig.desktop-2.0.216)	
<b>Severity:</b> Major	<b>Add-on version:</b>
<b>gvSIG version:</b> 2.4.0	<b>Add-on build:</b>
<b>gvSIG build:</b>	<b>Add-on resolve version:</b>
<b>Operative System:</b>	<b>Add-on resolve build:</b>
<b>Keywords:</b>	<b>Proyecto:</b>
<b>Has patch:</b>	<b>Hito:</b>
<b>Add-on name:</b> Unknown	
<b>Description</b>	
Exporting a layer to Spatialite format fails. The reason is that Spatialite create table fails	
<b>Related issues:</b>	
Related to Application: gvSIG desktop - gvSIG bugs # 4795: Se crean mas conex...	<b>Closed</b> <b>01/20/2018</b>

#### Associated revisions

##### Revision 131 - 01/19/2018 07:43 PM - Joaquín del Cerro Murciano

refs #4792. Corregido la creacion de la setencia sql para invocar a AddGeometryColumn. La cadena de formateo esperaba el srs como un entero y estaba recibiendo un string

##### Revision 132 - 01/19/2018 08:54 PM - Joaquín del Cerro Murciano

refs #4792. Añadido que cree las tablas de metadatos tras cargar la extension de spatialite.

##### Revision 43732 - 01/20/2018 09:15 PM - Joaquín del Cerro Murciano

refs #4792, añadida traza en el setStatementParameters para mostrar los parametros de las sql que se ejecutan,

##### Revision 43733 - 01/20/2018 09:16 PM - Joaquín del Cerro Murciano

refs #4792, añadida traza en el setStatementParameters para mostrar los parametros de las sql que se ejecutan,

##### Revision 43734 - 01/20/2018 09:19 PM - Joaquín del Cerro Murciano

refs #4792, modificado en el SRSSolverBase la sentencia sql para obtener el codigo srs de forma que sea compatible con SpatialLite, H2 y PostGIS.

##### Revision 133 - 01/20/2018 09:23 PM - Joaquín del Cerro Murciano

refs #4792, Modificado el SpatialLiteHelper para que use el SRSSolverBase (usa la tabla spatial\_ref\_sys) y revertidos los cambios de r131

## Revision 134 - 01/22/2018 12:29 PM - Cesar Martinez Izquierdo

Adapt SQLBuilder and Helper to Spatialite dialect. Fixes: #4792

## Revision 135 - 01/22/2018 12:56 PM - Cesar Martinez Izquierdo

Use integer srid value for AddGeometryColumn (partially reverting previous commit). Fixes: #4792

## Revision 136 - 01/22/2018 01:05 PM - Cesar Martinez Izquierdo

Call InitSpatialMetaData every time a data source is created. Fixes #4792

## History

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### #1 - 01/19/2018 07:54 PM - Joaquín del Cerro Murciano

- Severity changed from Minor to Major
- Priority changed from Normal to High

Despues de la correccion de gvSIG-sqlite:r131 al intentar exportar muestra el siguiente error por la consola:

```
INFO 107064 [Thread-9] (DefaultJExporttoServicePanel.java:291) - Exporting 'esp_provincias-4326' using
'org.gvsig.exportto.swing.prov.jdbc.ExporttoJDBCService'
(/home/jjdelcerro/datos/geodata/vector/shp2d/esp_provincias/esp_provincias-4326.shp).
DEBUG 107070 [Thread-9] (SpatialiteHelper.java:85) - connectionURL: jdbc:sqlite:/home/jjdelcerro/datos/geodata/db/sqlite/test3.sqlite
DEBUG 107074 [Thread-9] (AbstractConnectionOperation.java:58) - preparing execution of CreateTableOperation.
DEBUG 107076 [Thread-9] (SpatialiteHelper.java:187) - getConnection: connection = 779416571
DEBUG 107076 [Thread-9] (AbstractConnectionOperation.java:69) - Executing operation CreateTableOperation.
DEBUG 107083 [Thread-9] (SpatialiteHelper.java:187) - getConnection: connection = 730169616
DEBUG 107089 [Thread-9] (JDBCUtils.java:32) - execute SQL: CREATE TABLE "esp_provincias_4326" ("objectid" INTEGER DEFAULT '0'
NOT NULL, "area" REAL DEFAULT '0.0' NOT NULL, "perimeter" REAL DEFAULT '0.0' NOT NULL, "p20099_" INTEGER DEFAULT '0' NOT
NULL, "p20099_id" INTEGER DEFAULT '0' NOT NULL, "nombre99" TEXT DEFAULT "" NOT NULL, "shape_leng" REAL DEFAULT '0.0' NOT
NULL, "shape_area" REAL DEFAULT '0.0' NOT NULL, "prov" TEXT DEFAULT "" NOT NULL, "com" TEXT DEFAULT "" NOT NULL, "dprov"
TEXT DEFAULT "" NOT NULL, "pk" INTEGER PRIMARY KEY AUTOINCREMENT NOT NULL )
DEBUG 107089 [Thread-9] (JDBCUtils.java:32) - execute SQL: SELECT AddGeometryColumn("esp_provincias_4326", "geometry", 4326,
'MULTIPOLYGON', 'XY', 1)
AddGeometryColumn() error: unexpected metadata layout
DEBUG 107289 [Thread-9] (JDBCHelperBase.java:214) - Closing connection 779416571
DEBUG 107292 [Thread-9] (AbstractConnectionOperation.java:58) - preparing execution of SpatialiteFetchFeatureTypeOperation.
DEBUG 107294 [Thread-9] (SpatialiteHelper.java:187) - getConnection: connection = 21819513
DEBUG 107294 [Thread-9] (AbstractConnectionOperation.java:69) - Executing operation SpatialiteFetchFeatureTypeOperation.
DEBUG 107313 [Thread-9] (JDBCUtils.java:26) - execute query SQL: SELECT * FROM "esp_provincias_4326" LIMIT 1
DEBUG 107318 [Thread-9] (JDBCHelperBase.java:214) - Closing connection 21819513
WARN 107320 [Thread-9] (ExporttoJDBCService.java:406) - Can't export data.
java.lang.IllegalArgumentException: Attribute 'GEOMETRY' not found.
    at org.gvsig.fmap.dal.feature.impl.DefaultEditableFeatureType.setDefaultGeometryAttributeName(DefaultEditableFeatureType.java:303)
    at org.gvsig.fmap.dal.store.jdbc2.spi.JDBCStoreProviderBase.initializeFeatureType(JDBCStoreProviderBase.java:477)
    at org.gvsig.fmap.dal.store.jdbc2.spi.JDBCStoreProviderBase.<init>(JDBCStoreProviderBase.java:209)
    at org.gvsig.fmap.dal.store.jdbc2.spi.JDBCHelperBase.createProvider(JDBCHelperBase.java:353)
    at org.gvsig.spatialite.dal.SpatialiteStoreProviderFactory.createProvider(SpatialiteStoreProviderFactory.java:31)
```

```

at org.gvsig.spatialite.dal.SpatialLiteStoreProviderFactory.createProvider(SpatialLiteStoreProviderFactory.java:14)
at org.gvsig.fmap.dal.spi.AbstractDataStoreProviderFactory.create(AbstractDataStoreProviderFactory.java:48)
at org.gvsig.fmap.dal.impl.DefaultDataManager.openStore(DefaultDataManager.java:443)
at org.gvsig.fmap.dal.serverexplorer.db.spi.AbstractDBServerExplorer.open(AbstractDBServerExplorer.java:89)
at org.gvsig.fmap.dal.store.jdbc2.spi.JDBCServerExplorerBase.open(JDBCServerExplorerBase.java:130)
at org.gvsig.exportto.swing.prov.jdbc.ExporrttoJDBCService.export(ExporrttoJDBCService.java:243)
at org.gvsig.exportto.swing.impl.DefaultJExporttoServicePanel$Export.run(DefaultJExporttoServicePanel.java:293)
WARN 107322 [Thread-9] (DefaultJExporttoServicePanel.java:295) - Problems exporting the data (layer=esp_provincias-4326).
org.gvsig.exportto.ExporttoServiceException: An error has been produced exporting a store
at org.gvsig.exportto.swing.prov.jdbc.ExporrttoJDBCService.export(ExporrttoJDBCService.java:408)
at org.gvsig.exportto.swing.impl.DefaultJExporttoServicePanel$Export.run(DefaultJExporttoServicePanel.java:293)
Caused by: java.lang.IllegalArgumentException: Attribute 'GEOMETRY' not found.
at org.gvsig.fmap.dal.feature.impl.DefaultEditableFeatureType.setDefaultGeometryAttributeName(DefaultEditableFeatureType.java:303)
at org.gvsig.fmap.dal.store.jdbc2.spi.JDBCStoreProviderBase.initializeFeatureType(JDBCStoreProviderBase.java:477)
at org.gvsig.fmap.dal.store.jdbc2.spi.JDBCStoreProviderBase.<init>(JDBCStoreProviderBase.java:209)
at org.gvsig.fmap.dal.store.jdbc2.spi.JDBCHelperBase.createProvider(JDBCHelperBase.java:353)
at org.gvsig.spatialite.dal.SpatialLiteStoreProviderFactory.createProvider(SpatialLiteStoreProviderFactory.java:31)
at org.gvsig.spatialite.dal.SpatialLiteStoreProviderFactory.createProvider(SpatialLiteStoreProviderFactory.java:14)
at org.gvsig.fmap.dal.spi.AbstractDataStoreProviderFactory.create(AbstractDataStoreProviderFactory.java:48)
at org.gvsig.fmap.dal.impl.DefaultDataManager.openStore(DefaultDataManager.java:443)
at org.gvsig.fmap.dal.serverexplorer.db.spi.AbstractDBServerExplorer.open(AbstractDBServerExplorer.java:89)
at org.gvsig.fmap.dal.store.jdbc2.spi.JDBCServerExplorerBase.open(JDBCServerExplorerBase.java:130)
at org.gvsig.exportto.swing.prov.jdbc.ExporrttoJDBCService.export(ExporrttoJDBCService.java:243)
... 1 more
INFO 107323 [Thread-9] (Messages.java:753) - [org.gvsig.i18n.Messages] Cannot find translation for key
'_There_have_been_problems_exporting_data'.
INFO 107339 [Thread-9] (Messages.java:753) - [org.gvsig.i18n.Messages] Cannot find translation for key '_Problem'.
INFO 107339 [Thread-9] (Messages.java:753) - [org.gvsig.i18n.Messages] Cannot find translation for key '_Accept'.

```

Parece que el error se debe a:

```

DEBUG 107089 [Thread-9] (JDBCUtils.java:32) - execute SQL: SELECT AddGeometryColumn("esp_provincias_4326" , "geometry" , 4326 ,
'MULTIPOLYGON', 'XY', 1)
AddGeometryColumn() error: unexpected metadata layout

```

Al parecer no puede crear el campo "geometry" y luego, cuando intenta usarlo falla.

## #2 - 01/19/2018 08:58 PM - Joaquín del Cerro Murciano

He añadido que tras llamar al load\_extension ejecute un InitSpatialMetaData(1) (gvsig-sqlite:r132) y entonces parece que ya no da ese error al crear la tabla.

Aunque falla mas adelante al intentar insertar la primera fila.

Sobre el InitSpatialMetaData(1):

*Parece que la primera vez que se ejecuta crea las tablas, y luego cada vez que se ejecuta las encuentra ya creadas y muestra un message:*

```

> DEBUG 48221 [Thread-9] (JDBCUtils.java:32) - execute SQL: SELECT InitSpatialMetaData(1)
> InitSpatialMetaData() error:"table spatial_ref_sys already exists"

```

>

*Pero no parece que tenga mas relevancia que eso.*

El mensaje que muestra en la consola es:

```
DEBUG 35596 [Export] (AbstractConnectionOperation.java:58) - preparing execution of ListTablesOperation.
DEBUG 35685 [Export] (JDBCUtils.java:32) - execute SQL: SELECT load_extension('mod_spatialite')
DEBUG 35690 [Export] (JDBCUtils.java:32) - execute SQL: SELECT InitSpatialMetaData(1)
DEBUG 36278 [Export] (SpatialLiteHelper.java:200) - getConnection: connection = 692943805
DEBUG 36279 [Export] (AbstractConnectionOperation.java:69) - Executing operation ListTablesOperation.
DEBUG 36283 [Export] (JDBCHelperBase.java:214) - Closing connection 692943805
INFO 36305 [AWT-EventQueue-0] (Messages.java:753) - [org.gvsig.i18n.Messages] Cannot find translation for key
'Ha_utilizado_espacios_en_blanco_o_mayusculas_en_el_nombre_de_la_tabla_Desea_que_se_corrija_de_forma_automatica'.
INFO 36307 [AWT-EventQueue-0] (AbstractLocator.java:70) - Created and stored the instance of Tools.swing.threadsafedialogs in the
singleton table
(org.gvsig.tools.swing.impl.threadsafedialogs.DefaultThreadSafeDialogsManager/org.gvsig.tools.swing.impl.threadsafedialogs.DefaultThreadSafeDialogsM
afeDialogsManager@45ba684).
INFO 36308 [AWT-EventQueue-0] (Messages.java:753) - [org.gvsig.i18n.Messages] Cannot find translation for key '_Warning'.
INFO 36309 [AWT-EventQueue-0] (AbstractLocator.java:70) - Created and stored the instance of DialogReminderManager in the singleton
table
(org.gvsig.tools.swing.impl.dialogreminder.DefaultDialogReminderManager/org.gvsig.tools.swing.impl.dialogreminder.DefaultDialogReminderManager@46
anager@46efcbff).
INFO 48214 [Thread-9] (DefaultJExporttoServicePanel.java:291) - Exporting 'esp_provincias-4326' using
'org.gvsig.exportto.swing.prov.jdbc.ExporttoJDBCService'
(/home/jjdelcerro/datos/geodata/vector/shp2d/esp_provincias/esp_provincias-4326.shp).
DEBUG 48219 [Thread-9] (AbstractConnectionOperation.java:58) - preparing execution of CreateTableOperation.
DEBUG 48220 [Thread-9] (JDBCUtils.java:32) - execute SQL: SELECT load_extension('mod_spatialite')
DEBUG 48221 [Thread-9] (JDBCUtils.java:32) - execute SQL: SELECT InitSpatialMetaData(1)
InitSpatialMetaData() error:"table spatial_ref_sys already exists"
DEBUG 48222 [Thread-9] (SpatialLiteHelper.java:200) - getConnection: connection = 1687057709
DEBUG 48223 [Thread-9] (AbstractConnectionOperation.java:69) - Executing operation CreateTableOperation.
DEBUG 48227 [Thread-9] (JDBCUtils.java:32) - execute SQL: SELECT load_extension('mod_spatialite')
DEBUG 48228 [Thread-9] (JDBCUtils.java:32) - execute SQL: SELECT InitSpatialMetaData(1)
InitSpatialMetaData() error:"table spatial_ref_sys already exists"
DEBUG 48229 [Thread-9] (SpatialLiteHelper.java:200) - getConnection: connection = 96645192
DEBUG 48233 [Thread-9] (JDBCUtils.java:32) - execute SQL: CREATE TABLE "esp_provincias_4326" ("objectid" INTEGER DEFAULT '0'
NOT NULL, "area" REAL DEFAULT '0.0' NOT NULL, "perimeter" REAL DEFAULT '0.0' NOT NULL, "p20099_" INTEGER DEFAULT '0' NOT
NULL, "p20099_id" INTEGER DEFAULT '0' NOT NULL, "nombre99" TEXT DEFAULT " NOT NULL, "shape_leng" REAL DEFAULT '0.0' NOT
NULL, "shape_area" REAL DEFAULT '0.0' NOT NULL, "prov" TEXT DEFAULT " NOT NULL, "com" TEXT DEFAULT " NOT NULL, "dprov"
TEXT DEFAULT " NOT NULL, "pk" INTEGER PRIMARY KEY AUTOINCREMENT NOT NULL )
DEBUG 48233 [Thread-9] (JDBCUtils.java:32) - execute SQL: SELECT AddGeometryColumn("esp_provincias_4326", "geometry", 4326,
'MULTIPOLYGON', 'XY', 1)
DEBUG 48462 [Thread-9] (JDBCHelperBase.java:214) - Closing connection 1687057709
DEBUG 48465 [Thread-9] (AbstractConnectionOperation.java:58) - preparing execution of SpatialLiteFetchFeatureTypeOperation.
DEBUG 48465 [Thread-9] (JDBCUtils.java:32) - execute SQL: SELECT load_extension('mod_spatialite')
DEBUG 48466 [Thread-9] (JDBCUtils.java:32) - execute SQL: SELECT InitSpatialMetaData(1)
InitSpatialMetaData() error:"table spatial_ref_sys already exists"
DEBUG 48467 [Thread-9] (SpatialLiteHelper.java:200) - getConnection: connection = 470915535
DEBUG 48468 [Thread-9] (AbstractConnectionOperation.java:69) - Executing operation SpatialLiteFetchFeatureTypeOperation.
DEBUG 48496 [Thread-9] (JDBCUtils.java:26) - execute query SQL: SELECT * FROM "esp_provincias_4326" LIMIT 1
DEBUG 48503 [Thread-9] (JDBCUtils.java:26) - execute query SQL: SELECT "geometry_type", "coord_dimension", "srid",
```

```

"spatial_index_enabled" FROM "geometry_columns" WHERE ( ("f_table_name") = ('esp_provincias_4326') ) AND ( ("f_geometry_column") =
('geometry') )
DEBUG 48504 [Thread-9] (JDBCUtils.java:26) - execute query SQL: select srid, auth_name, auth_srid from spatial_ref_sys where srid = 4326
DEBUG 48506 [Thread-9] (JDBCHelperBase.java:214) - Closing connection 470915535
DEBUG 48507 [Thread-9] (JDBCUtils.java:32) - execute SQL: SELECT load_extension('mod_spatialite')
DEBUG 48508 [Thread-9] (JDBCUtils.java:32) - execute SQL: SELECT InitSpatialMetaData(1)
InitSpatialMetaData() error:"table spatial_ref_sys already exists"
DEBUG 48508 [Thread-9] (SpatialLiteHelper.java:200) - getConnection: connection = 470915535
DEBUG 48615 [Thread-9] (JDBCUtils.java:32) - execute SQL: SELECT load_extension('mod_spatialite')
DEBUG 48616 [Thread-9] (JDBCUtils.java:32) - execute SQL: SELECT InitSpatialMetaData(1)
InitSpatialMetaData() error:"table spatial_ref_sys already exists"
DEBUG 48619 [Thread-9] (SpatialLiteHelper.java:200) - getConnection: connection = 1533354950
DEBUG 48624 [Thread-9] (JDBCUtils.java:54) - execute update SQL: INSERT INTO "esp_provincias_4326" ( "objectid", "area", "perimeter",
"p20099_", "p20099_id", "nombre99", "shape_leng", "shape_area", "prov", "com", "dprov", "geometry" ) VALUES ( ?, ?, ?, ?, ?, ?, ?, ?, ?, ?,
ST_GeomFromWKB(?, (?) )
WARN 48629 [Thread-9] (ExporttoJDBCService.java:406) - Can't export data.
org.gvsig.fmap.dal.feature.exception.StoreInsertFeatureException: Can't insert feature in store 'esp_provincias_4326s'.
    at org.gvsig.fmap.dal.feature.impl.DefaultFeatureStore.insert(DefaultFeatureStore.java:1260)
    at org.gvsig.exportto.swing.prov.jdbc.ExporttoJDBCService.export(ExporttoJDBCService.java:352)
    at org.gvsig.exportto.swing.impl.DefaultJExporttoServicePanel$Export.run(DefaultJExporttoServicePanel.java:293)
Caused by: java.lang.RuntimeException: Can't insert feature.
    at org.gvsig.fmap.dal.store.jdbc2.spi.operations.AppendOperation.append(AppendOperation.java:125)
    at org.gvsig.fmap.dal.store.jdbc2.spi.JDBCStoreProviderBase.append(JDBCStoreProviderBase.java:583)
    at org.gvsig.fmap.dal.feature.impl.DefaultFeatureStore.insert(DefaultFeatureStore.java:1247)
    ... 2 more
Caused by: org.sqlite.SQLiteException: [SQLITE_CONSTRAINT_NOTNULL] A NOT NULL constraint failed (NOT NULL constraint failed:
esp_provincias_4326.geometry)
    at org.sqlite.core.DB.newSQLException(DB.java:909)
    at org.sqlite.core.DB.newSQLException(DB.java:921)
    at org.sqlite.core.DB.execute(DB.java:825)
    at org.sqlite.core.DB.executeUpdate(DB.java:863)
    at org.sqlite.jdbc3.JDBC3PreparedStatement.executeUpdate(JDBC3PreparedStatement.java:99)
    at org.apache.commons.dbcp.DelegatingPreparedStatement.executeUpdate(DelegatingPreparedStatement.java:102)
    at org.gvsig.fmap.dal.store.jdbc2.JDBCUtils.executeUpdate(JDBCUtils.java:55)
    at org.gvsig.fmap.dal.store.jdbc2.spi.operations.AppendOperation.append(AppendOperation.java:123)
    ... 4 more
DEBUG 48634 [Thread-9] (JDBCHelperBase.java:214) - Closing connection 470915535
WARN 48638 [Thread-9] (DefaultJExporttoServicePanel.java:295) - Problems exporting the data (layer=esp_provincias-4326).
org.gvsig.exportto.ExporttoServiceException: An error has been produced exporting a store
    at org.gvsig.exportto.swing.prov.jdbc.ExporttoJDBCService.export(ExporttoJDBCService.java:408)
    at org.gvsig.exportto.swing.impl.DefaultJExporttoServicePanel$Export.run(DefaultJExporttoServicePanel.java:293)
Caused by: org.gvsig.fmap.dal.feature.exception.StoreInsertFeatureException: Can't insert feature in store 'esp_provincias_4326s'.
    at org.gvsig.fmap.dal.feature.impl.DefaultFeatureStore.insert(DefaultFeatureStore.java:1260)
    at org.gvsig.exportto.swing.prov.jdbc.ExporttoJDBCService.export(ExporttoJDBCService.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)
    at org.gvsig.fmap.dal.feature.impl.DefaultFeatureStore.insert(DefaultFeatureStore.java:1247)
    ... 2 more
Caused by: org.sqlite.SQLiteException: [SQLITE_CONSTRAINT_NOTNULL] A NOT NULL constraint failed (NOT NULL constraint failed:
esp_provincias_4326.geometry)
    at org.sqlite.core.DB.newSQLException(DB.java:909)

```

```

at org.sqlite.core.DB.newSQLException(DB.java:921)
at org.sqlite.core.DB.execute(DB.java:825)
at org.sqlite.core.DB.executeUpdate(DB.java:863)
at org.sqlite.jdbc3.JDBC3PreparedStatement.executeUpdate(JDBC3PreparedStatement.java:99)
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
INFO 48642 [Thread-9] (Messages.java:753) - [org.gvsig.i18n.Messages] Cannot find translation for key
'_There_have_been_problems_exporting_data'.
INFO 48660 [Thread-9] (Messages.java:753) - [org.gvsig.i18n.Messages] Cannot find translation for key '_Problem'.
INFO 48663 [Thread-9] (AbstractLocator.java:70) - Created and stored the instance of FeatureTypeDefinitionsManager in the singleton table
(org.gvsig.app.extension.DefaultFeatureTypeDefinitionsManager/org.gvsig.app.extension.DefaultFeatureTypeDefinitionsManager@4f938a42).
INFO 48675 [Thread-9] (Messages.java:753) - [org.gvsig.i18n.Messages] Cannot find translation for key '_Row_values'.
WARN 48723 [Thread-9] (DefaultJDynForm.java:280) - Can't retrieve form field asociated to the field 'pk' of class 'esp_provincias_4326'.
INFO 48723 [Thread-9] (Messages.java:753) - [org.gvsig.i18n.Messages] Cannot find translation for key '_Accept'.

```

Parece que se queje que estamos intentando insertar una linea con la geometria a null; pero la tabla que estoy usando no parece que tenga geometrias a null.

Adjunto la tabla con la que estoy probando.

### #3 - 01/19/2018 09:00 PM - Joaquín del Cerro Murciano

- File *esp\_provincias-4326.zip* added

### #4 - 01/20/2018 11:32 PM - 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*)

- Assignee changed from *Cesar Martinez Izquierdo* to *Joaquín del Cerro Murciano*

- Status changed from *New* to *Fixed*

Vale, al final todo estaba relacionado con el SRS.

Cuando trataba de hacer el insert:

```

INSERT INTO "esp_provincias_4326" ( "objectid", "area", "perimeter",
"p20099_", "p20099_id", "nombre99", "shape_leng", "shape_area",
"prov", "com", "dprov", "geometry" ) VALUES (
?, ?, ?, ?, ?, ?, ?, ?, ?, ST_GeomFromWKB(?, (?)
)

```

A la funcion ST\_GeomFromWKB se le pasaba como segundo parametro el SRS como un string en lugar de como un entero. Fallaba con un mensaje:

```
[SQLITE_CONSTRAINT_NOTNULL] A NOT NULL constraint failed (NOT NULL constraint failed: esp_provincias_4326.geometry)
```

Que daba pocas pistas sobre que estaba pasando.

Ademas no se estaba utilizando la tabla "spatial\_ref\_sys" para convertir los SRS de la aplicacion a los de la BBDD.

Con los cambios hechos hasta la revision 133/43734 ya no falla al exportar un shape a SpatialLite; pero

habria que repasar la clase AppendOperation ya que parece que se estan creando mas conexiones a la BBDD de las necesarias, y seguramente se resienta mucho la exportacion cuando las tablas sean grandes.

**#5 - 01/20/2018 11:35 PM - Joaquín del Cerro Murciano**

- Related to gvSIG bugs #4795: Se crean mas conexiones de las necesarias al exportar a SpatialLite added

**#6 - 01/30/2018 09:16 AM - Álvaro Anguix**

- Status changed from Fixed to Closed

**Files**

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esp_provincias-4326.zip	579 KB	01/19/2018	Joaquín del Cerro Murciano
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