

Application: gvSIG desktop - gvSIG bugs #4695

Al cargar una tabla de H2 con geometrias a null da error

09/29/2017 02:34 PM - Joaquín del Cerro Murciano

Status:	Closed	% Done:	0%
Priority:	Normal	Spent time:	0.00 hour
Assignee:	Joaquín del Cerro Murciano		
Category:	Database		
Target version:	2.4.0-2840 (rev. org.gvsig.desktop-2.0.208)		
Severity:	Minor	Add-on version:	
gvSIG version:	2.4.0	Add-on build:	
gvSIG build:	2839	Add-on resolve version:	
Operative System:		Add-on resolve build:	
Keywords:		Proyecto:	
Has patch:		Hito:	
Add-on name:	Unknown		

Description

Al parecer ejecuta la sentencia:

```
SELECT ST_AsBinary("geometry"), "pk" FROM "ferrocarrilandal" ORDER BY "pk" ASC
```

Y al hacer el **ST_AsBinary** sobre la geometria a null falla.

```
ERROR 155667 [MapControl Drawer Worker] (NotificationManager.java:90) - There was errors loading from 'ferrocarrilandal (H2Spatial)'.  
- Problems drawing layer  
- Can't perform operation 'ResultSetForSetProviderOperation'.  
- An JDBC exception was throw when execute SQL: 'SELECT ST_AsBinary("geometry"), "pk" FROM "ferrocarrilandal" ORDER BY "pk" ASC' with params {unknow}  
- Caracteristica no soportada: "converting to class org.h2.value.ValueGeometry"  
Feature not supported: "converting to class org.h2.value.ValueGeometry"; SQL statement:  
SELECT ST_AsBinary("geometry"), "pk" FROM "ferrocarrilandal" ORDER BY "pk" ASC [50100-188]
```

```
org.gvsig.fmap.dal.exception.ReadException: There was errors loading from 'ferrocarrilandal (H2Spatial)'.  
at org.gvsig.fmap.mapcontext.layers.vectorial.FLyrVect.draw(FLyrVect.java:346)  
at org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer$DrawList.drawLayer(DefaultMapContextDrawer.java:549)  
at org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer$DrawList.draw(DefaultMapContextDrawer.java:530)  
at org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer$DrawList.drawLayers(DefaultMapContextDrawer.java:469)  
at org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer.draw(DefaultMapContextDrawer.java:147)  
at org.gvsig.fmap.mapcontext.MapContext.draw(MapContext.java:1183)  
at org.gvsig.fmap.mapcontrol.MapControl$PaintingRequest.paint(MapControl.java:1346)  
at org.gvsig.fmap.mapcontrol.MapControl$Drawer$Worker.run(MapControl.java:1566)  
at java.lang.Thread.run(Thread.java:745)
```

```
Caused by: org.gvsig.symbology.fmap.mapcontext.rendering.legend.impl.LegendDrawingException: Problems drawing layer  
at  
org.gvsig.symbology.fmap.mapcontext.rendering.legend.impl.AbstractVectorialLegend.internalDraw(AbstractVectorialLegend.java:466)  
va:466)  
at  
org.gvsig.symbology.fmap.mapcontext.rendering.legend.impl.AbstractVectorialLegend.draw(AbstractVectorialLegend.java:352)  
)
```

```

    at
org.gvsig.symbology.fmap.mapcontext.rendering.legend.impl.AbstractVectorialLegend.draw(AbstractVectorialLegend.java:142)
)
    at org.gvsig.fmap.mapcontext.layers.vectorial.FLyrVect.draw(FLyrVect.java:330)
    ... 8 more
Caused by: java.lang.RuntimeException: Can't perform operation 'ResultSetForSetProviderOperation'.
    at
org.gvsig.fmap.dal.store.jdbc2.spi.operations.AbstractConnectionOperation.perform(AbstractConnectionOperation.java:45)
    at org.gvsig.fmap.dal.store.jdbc2.impl.JDBCSetProvider.createFastIterator(JDBCSetProvider.java:320)
    at org.gvsig.fmap.dal.store.jdbc2.impl.JDBCSetProvider.createFastIterator(JDBCSetProvider.java:291)
    at org.gvsig.fmap.dal.store.jdbc2.impl.JDBCSetProvider.createFastIterator(JDBCSetProvider.java:56)
    at org.gvsig.fmap.dal.feature.spi.AbstractFeatureSetProvider.fastIterator(AbstractFeatureSetProvider.java:99)
    at org.gvsig.fmap.dal.feature.spi.AbstractFeatureSetProvider.fastIterator(AbstractFeatureSetProvider.java:94)
    at org.gvsig.fmap.dal.feature.impl.featureset.FastDefaultIterator.<init>(FastDefaultIterator.java:52)
    at org.gvsig.fmap.dal.feature.impl.featureset.DefaultFeatureSet.fastIterator(DefaultFeatureSet.java:343)
    at org.gvsig.fmap.dal.feature.impl.featureset.AbstractFeatureSet.doAccept(AbstractFeatureSet.java:72)
    at org.gvsig.fmap.dal.feature.impl.featureset.AbstractFeatureSet.doAccept(AbstractFeatureSet.java:67)
    at org.gvsig.tools.visitor.impl.AbstractIndexedVisitable.doAccept(AbstractIndexedVisitable.java:63)
    at org.gvsig.tools.visitor.impl.AbstractVisitable.accept(AbstractVisitable.java:49)
    at
org.gvsig.symbology.fmap.mapcontext.rendering.legend.impl.AbstractVectorialLegend.drawFeaturesSingleLayer(AbstractVectorialLegend
orialLegend.java:554)
    at
org.gvsig.symbology.fmap.mapcontext.rendering.legend.impl.AbstractVectorialLegend.drawFeatures(AbstractVectorialLegend.java:536)
java:536)
    at
org.gvsig.symbology.fmap.mapcontext.rendering.legend.impl.AbstractVectorialLegend.internalDraw(AbstractVectorialLegend.java:458)
va:458)
    ... 11 more
Caused by: org.gvsig.fmap.dal.store.jdbc.exception.JDBCExecutePreparedStatementException: An JDBC exception was throw
when execute SQL: 'SELECT ST_AsBinary("geometry"), "pk" FROM "ferrocarrilandal" ORDER BY "pk" ASC' with params
{unknow}
    at org.gvsig.fmap.dal.store.jdbc2.impl.ResultSetControlerBase.create(ResultSetControlerBase.java:198)
    at org.gvsig.fmap.dal.store.jdbc2.impl.ResultSetControlerBase.create(ResultSetControlerBase.java:163)
    at org.gvsig.fmap.dal.store.jdbc2.impl.ResultSetControlerBase.create(ResultSetControlerBase.java:21)
    at
org.gvsig.fmap.dal.store.jdbc2.spi.operations.ResultSetForSetProviderOperation.createResultSet(ResultSetForSetProviderOperation.java:
ration.java:189)
    at
org.gvsig.fmap.dal.store.jdbc2.spi.operations.ResultSetForSetProviderOperation.perform_operation(ResultSetForSetProviderOperation.jav
peration.java:67)
    at
org.gvsig.fmap.dal.store.jdbc2.spi.operations.AbstractConnectionOperation.perform(AbstractConnectionOperation.java:41)
    ... 25 more
Caused by: org.h2.jdbc.JdbcSQLException: Caracteristica no soportada: "converting to class org.h2.value.ValueGeometry"
Feature not supported: "converting to class org.h2.value.ValueGeometry"; SQL statement:
SELECT ST_AsBinary("geometry"), "pk" FROM "ferrocarrilandal" ORDER BY "pk" ASC [50100-188]
    at org.h2.message.DbException.getJdbcSQLException(DbException.java:345)
    at org.h2.message.DbException.get(DbException.java:179)
    at org.h2.message.DbException.get(DbException.java:155)
    at org.h2.message.DbException.getUnsupportedException(DbException.java:216)
    at org.h2.value.DataType.convertTo(DataType.java:1204)
    at org.h2.engine.FunctionAlias$JavaMethod.getValue(FunctionAlias.java:460)

```

```
at org.h2.expression.JavaFunction.getValue(JavaFunction.java:38)
at org.h2.command.dml.Select.queryFlat(Select.java:538)
at org.h2.command.dml.Select.queryWithoutCache(Select.java:643)
at org.h2.command.dml.Query.query(Query.java:322)
at org.h2.command.dml.Query.query(Query.java:290)
at org.h2.command.dml.Query.query(Query.java:36)
at org.h2.command.CommandContainer.query(CommandContainer.java:90)
at org.h2.command.Command.executeQuery(Command.java:197)
at org.h2.jdbc.JdbcPreparedStatement.executeQuery(JdbcPreparedStatement.java:108)
at org.apache.commons.dbcp.DelegatingPreparedStatement.executeQuery(DelegatingPreparedStatement.java:93)
at org.gvsig.fmap.dal.store.jdbc2.JDBCUtils.executeQuery(JDBCUtils.java:38)
at org.gvsig.fmap.dal.store.jdbc2.impl.ResultSetControlerBase.create(ResultSetControlerBase.java:189)
... 30 more
INFO 158629 [AWT-EventQueue-0] (DefaultActionInfo.java:326) -
org.gvsig.app.mainplugin.org.gvsig.app.extension.ViewControls.execute('view-change-scale', Object[] args
```

Associated revisions

Revision 43546 - 09/29/2017 02:49 PM - Joaquín del Cerro Murciano

refs #4695, arreglado que se puedan cargar capas de H2 con geometrias a null

History

#1 - 09/29/2017 02:45 PM - Joaquín del Cerro Murciano

Modificando la funcion **ST_AsBinary** de H2 con:

```
NVL2({0}, ST_AsBinary({0}), null)
```

Lo que generaria la SQL:

```
SELECT NVL2("geometry", ST_AsBinary("geometry"), null), "pk" FROM "ferrocarrilandal" ORDER BY "pk" ASC
```

Parece que lo arreglaria.

Habria que comprobar como se comportan otros gestores de BBDD cuando tienen geometrias a null.

#2 - 09/29/2017 02:49 PM - Joaquín del Cerro Murciano

- Assignee set to Joaquín del Cerro Murciano
- Status changed from New to Fixed

#3 - 10/01/2017 09:12 AM - Joaquín del Cerro Murciano

- Target version changed from 2.4.0-2850-final (rev. org.gvsig.desktop-2.0.220) to 2.4.0-2840 (rev. org.gvsig.desktop-2.0.208)

#4 - 10/16/2017 10:36 AM - Álvaro Anguix

- Status changed from Fixed to Closed