

| gvSIG desktop 1 - gvSIG bugs #787

Error when remove a postgis feature with a null geometry

06/19/2012 06:21 PM - Francisco Puga

Status: Awaiting response	% Done: 100%
Priority: Normal	
Assignee:	
Category:	
Target version:	
Severity:	Add-on name: Unknown
gvSIG version: 1.11.0	Add-on version:
gvSIG build: 1311	Add-on build:
Operative System:	Add-on resolve version:
Keywords:	Add-on resolve build:
Has patch: No	

Description

Steps to reproduce:

- 1.- Set NULL for the geometry column of one record of a postgis layer
- 2.- Open the layer with gvSIG
- 3.- Remove the "null record" with navtable or with the gvsig table

An exception is thrown:

```
DEBUG [AWT-EventQueue-0] (NotificationManager.java:104) - java.lang.NullPointerException
```

```
java.lang.NullPointerException
```

```
at com.iver.cit.gvsig.fmap.edition.VectorialEditableAdapter.doRemoveRow(VectorialEditableAdapter.java:571)
```

```
at com.iver.cit.gvsig.fmap.edition.VectorialEditableDBAdapter.doRemoveRow(VectorialEditableDBAdapter.java:430)
```

```
at com.iver.cit.gvsig.fmap.edition.EditableAdapter.removeRow(EditableAdapter.java:558)
```

History

#1 - 06/19/2012 06:22 PM - Francisco Puga

Originally reported by Andrés Maneiro (iCarto, Navtable)

<https://github.com/navtable/navtable/issues/40>

#2 - 04/16/2013 08:30 PM - Francisco Puga

- Status changed from New to Fixed

- % Done changed from 0 to 100

Applied in changeset r40328.

#3 - 04/16/2013 08:30 PM - Francisco Puga

- Target version set to 1.13.0

#4 - 06/20/2013 06:48 PM - Andrés Maneiro

- File 0001-libFMap-also-check-for-NULL-bounding-boxes.patch added

- Status changed from Fixed to Awaiting response

As far as I understand, this section of code makes the spatial index to update according the bounding boxes of geometry set. Besides checking for feature and geometry to not be null, also we should check for bounding box to be null. I can imagine at least 1 case where that happens (actually, it's happening to me now): a FGeometryCollection which happens to have no geometries. Although the geom is not null, the bounding box is. Attached a patch to check for this too: "0001-libFMap-also-check-for-NULL-bounding-boxes.patch".

#5 - 06/20/2013 06:50 PM - Andrés Maneiro

As far as I understand, this section of code makes the spatial index to update according the bounding boxes of geometry set. Besides checking for feature and geometry to not be null, also we should check for bounding box correctness. I can imagine at least 1 case where that's needed (actually, I needed right now): a FGeometryCollection which happens to have no geometries. Although the geom is not null, the bounding box is. Attached a patch to check for this too: "0001-libFMap-also-check-for-NULL-bounding-boxes.patch".

#6 - 01/15/2014 12:21 PM - Álvaro Anguix

- Project changed from Application: gvSIG desktop to | gvSIG desktop 1
- Category deleted (Database)
- Target version deleted (1.13.0)

Files

0001-libFMap-also-check-for-NULL-bounding-boxes.patch	1.64 KB	06/20/2013	Andrés Maneiro
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