

| gvSIG desktop 1 - gvSIG bugs #378

postgis cursor already exists

02/28/2012 10:43 AM - Francisco Puga

Status: Fixed	% Done: 0%
Priority: Normal	
Assignee: Francisco Puga	
Category:	
Target version:	
Severity:	Add-on name: Unknown
gvSIG version: 1.12.0	Add-on version:
gvSIG build: 1204	Add-on build:
Operative System:	Add-on resolve version:
Keywords:	Add-on resolve build:
Has patch: No	

Description

From time to time this error is reported in the list. See attached log as example. This happens for various reasons:

- The length of the name of a postgresql cursor is by default limited to 63 characters. The name of the cursor in gvSIG is built based on the name of the table in the database using some parameters as the current time (in milliseconds) of the system as suffix. So, if the name of the layer is big, the cursor name is truncated and it can collide.

The proposed solution is use a random number for the name of the cursor, and check on the catch if it collide, in this case a new random number will be generated.

- The cursor (at least those called `wkb_cursor_prov`) are never close. This can be checked using this code after the declare statement on the constructor of

source:trunk/extensions/extJDBC/src/com/iver/cit/gvsig/fmap/drivers/jdbc/postgis/PostGisFeatureIterator.java

```
this.rs = st.executeQuery("select * from pg_cursor()");
while (rs.next()) {
    System.out.println(rs.getString("name"));
}
```

Each time a new iterator object is created we can see that the cursors are not close.

This can be fixed changing the code of the `closeIterator` method.

History

#1 - 02/28/2012 10:45 AM - Francisco Puga

- File `0001-gvsig-desktop-378.patch` added

Attached patch implements the suggestions

#2 - 02/28/2012 03:38 PM - Francisco Puga

- Status changed from *New* to *Fixed*

r38035

#3 - 02/20/2014 10:21 AM - Álvaro Anguix

- Project changed from Application: gvSIG desktop to | gvSIG desktop 1

- Target version deleted (1.12.0-rc1)

Files

gvSIG.log	4.05 KB	02/28/2012	Francisco Puga
0001-gvsig-desktop-378.patch	4.35 KB	02/28/2012	Francisco Puga