

# | gvSIG desktop 1 - gvSIG bugs #381

## Reuse the cursors on postgis driver

02/28/2012 05:54 PM - Francisco Puga

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

**Description**

Related to #278

gvSIG takes the features of a database layer in windows of 5000 elements. Each time it needs to get a new window it opens a new cursor (that is never close).

In r38040 i change this behaviour and now only one cursor is used.

There are still some issues with this bug:

- The cursor is never close. We should study where to do it. It can be done on close(), but this method can be called so many times so it will penalize performance. If close the cursor here we must reopen it on the open() method and also make a check on setAbsolutePosition() to ensure that the cursor is declared.
- The same cursor is used to draw the layer, draw the labels, and get the fields of the table. We should review how the layers are drawn because maybe this can be optimized using more than one cursor.

### History

#### #1 - 02/28/2012 05:55 PM - Francisco Puga

I mark it as 1.12 but i think that i will not have to time to look at this for 1.12, i think that this issue should be replanned

#### #2 - 02/28/2012 06:31 PM - Nacho Varela

Hey! I think that a new sql query is executed in actions like "change color" or similar. Please, check it because avoid this kind of tasks can improve the performance very much.

#### #3 - 03/01/2012 01:11 PM - Francisco José Peñarrubia

In PostgreSQL documentation, they say binary cursors will be closed when commit, or when session ends. Depending on WITH HOLD. (I didn't test it)

#### #4 - 06/20/2012 01:35 PM - Francisco Puga

- Target version deleted (1.12.0-rc1)

**#5 - 01/15/2014 12:20 PM - Álvaro Anguix**

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