

QGIS Application - Bug report #16419

Virtual layers SQL output fields without alias raise errors

2017-04-07 12:06 AM - Giovanni Allegri

Status: Feedback	
Priority: Normal	
Assignee:	
Category: DB Manager	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution:
Crashes QGIS or corrupts data:	Copied to github as #: 24328

Description

Calculated fields inside Virtual Layers SQL queries (through DB Manager) must have an alias otherwise it raises errors. The problem is that it can't be deduced from the error message.

As an example:

```
SELECT
  ST_Area("landcover"."geometry")
FROM "landcover"
```

will raise the message "Query preparation error on SELECT "ST_Area("comuni"."geometry")" FROM _tview LIMIT 1: near ""'": syntax error"

(you can see it in the vlayer.png image attachment)

The query works fine if an alias is added:

```
SELECT
  ST_Area("landcover"."geometry") AS area
FROM "landcover"
```

I guess that the fix could be to use the field function as a string and use it for the output field name (as DBs do)

History

#1 - 2017-05-01 01:01 AM - Giovanni Manghi

- Easy fix? set to No
- Regression? set to No

#2 - 2019-03-09 04:28 PM - Giovanni Manghi

- Status changed from Open to Feedback

Please check if this issue is still valid on QGIS 3.4.5 or 3.6.

Files

vlayer.png	26.3 KB	2017-04-06	Giovanni Allegri
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