

QGIS Application - Bug report #10478

Non-geometry Spatialite view shows the last record duplicated

2014-06-05 05:43 PM - cgsbob -

|                                        |               |                                     |
|----------------------------------------|---------------|-------------------------------------|
| <b>Status:</b>                         | Closed        |                                     |
| <b>Priority:</b>                       | Normal        |                                     |
| <b>Assignee:</b>                       |               |                                     |
| <b>Category:</b>                       | Data Provider |                                     |
| <b>Affected QGIS version:</b>          | 2.2.0         | <b>Regression?:</b> No              |
| <b>Operating System:</b>               | Windows       | <b>Easy fix?:</b> No                |
| <b>Pull Request or Patch supplied:</b> | No            | <b>Resolution:</b> end of life      |
| <b>Crashes QGIS or corrupts data:</b>  | No            | <b>Copied to github as #:</b> 18890 |

Description

I created a nonspatial Spatialite database using the SQL commands below. When I look at the Attribute of the view, I see the last record of the view duplicated.

```
CREATE TABLE Sample_Data (  
    fid INTEGER PRIMARY KEY AUTOINCREMENT,  
    creation_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP,  
    revision_date TIMESTAMP,  
    official_name TEXT,  
    sample_id TEXT,  
    geol_map_unit TEXT,  
    top_depth REAL NOT NULL,  
    bottom_depth REAL,  
    lith_type TEXT NOT NULL,  
    layer_number INTEGER,  
    sample_equip TEXT,  
    liner TEXT,  
    sampler_dimension_source TEXT,  
    remarks TEXT,  
    oname_sampid TEXT,  
    UNIQUE (official_name,sample_id)  
);  
  
CREATE TABLE Sample_Data (  
    fid INTEGER PRIMARY KEY AUTOINCREMENT,  
    creation_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP,  
    revision_date TIMESTAMP,  
    official_name TEXT,  
    sample_id TEXT,  
    geol_map_unit TEXT,  
    top_depth REAL NOT NULL,  
    bottom_depth REAL,  
    lith_type TEXT NOT NULL,  
    layer_number INTEGER,  
    sample_equip TEXT,  
    liner TEXT,  
    sampler_dimension_source TEXT,  
    remarks TEXT,  
    oname_sampid TEXT,  
    UNIQUE (official_name,sample_id)  
);
```

```

CREATE TABLE "Soil_Indices_Lab" (
    fid            INTEGER PRIMARY KEY AUTOINCREMENT,
    creation_date   TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    revision_date   TIMESTAMP,
    official_name   TEXT,
    sample_id       TEXT,
    "parameter_name" TEXT NOT NULL,
    "parameter_value" REAL,
    "parameter_units" TEXT,
    remarks         TEXT,
    oname_sampid    TEXT,
    UNIQUE (official_name,sample_id,parameter_name),
    FOREIGN KEY(official_name,sample_id) REFERENCES Sample_Data(official_name,sample_id) ON DELETE CASCADE
ON UPDATE CASCADE
);
CREATE VIEW "sd_soils2" AS
SELECT
    "Soil_Indices_Lab"."official_name" AS official_name,
    "Soil_Indices_Lab"."sample_id" AS sample_id,
    "Soil_Indices_Lab"."parameter_name" AS parameter_name,
    "Soil_Indices_Lab"."parameter_value" AS parameter_value,
    "Soil_Indices_Lab"."parameter_units" AS parameter_units,
    "Soil_Indices_Lab"."remarks" AS remarks
FROM "Sample_Data"
JOIN "Soil_Indices_Lab" USING ("official_name", "sample_id");
CREATE TRIGGER del_sd_soils2 instead of delete on sd_soils2
begin
    delete from "Soil_Indices_Lab"
    where
        official_name=old.official_name
    and
        sample_id=old.sample_id
    and
        parameter_name=old.parameter_name
    and
        parameter_value=old.parameter_value;
end;
CREATE TRIGGER in_sd_soils2 instead of insert on "sd_soils2"
begin
    insert into "Soil_Indices_Lab" ("official_name","sample_id","parameter_name","parameter_value","parameter_units","remarks")
    values(new.official_name, new.sample_id, new.parameter_name, new.parameter_value, new.parameter_units, new.remarks);
end;
CREATE TRIGGER up_sd_soils2 instead of update on "sd_soils2"
begin
    update "Soil_Indices_Lab"
    set
        "parameter_name"=new.parameter_name,
        "parameter_value"=new.parameter_value,
        "parameter_units"=new.parameter_units,
        "remarks"=new.remarks
    where
        official_name=old.official_name
    and

```

```

sample_id=old.sample_id
and
parameter_name=old.parameter_name
and
parameter_value=old.parameter_value;
end;

INSERT INTO "Sample_Data"
VALUES(1,NULL,NULL,'2EI_5432b1','1',NULL,3.0,4.0,'ML-CL',1,'MCS','N','S',NULL,'2EI_5432b1|1');
INSERT INTO "Sample_Data"
VALUES(2,NULL,NULL,'2EI_5432b1','2',NULL,6.0,7.0,'SC-SM',2,'MCS','N','S',NULL,'2EI_5432b1|2');
INSERT INTO "Soil_Indices_Lab" VALUES(5,'2014-06-05
22:01:39',NULL,'2EI_5432b1','1','LL',1.414,'PCT','test1','2EI_5432b1|1');
INSERT INTO "Soil_Indices_Lab" VALUES(7,'2014-06-05
22:06:22',NULL,'2EI_5432b1','2','DD',5.0,'PCT','test2','2EI_5432b1|2');

select * from sd_soils2;
official_name|sample_id|parameter_name|parameter_value|parameter_units|remarks
2EI_5432b1|1|LL|1.414|PCT|test1
2EI_5432b1|2|DD|5.0|PCT|test2

```

## History

### #1 - 2014-06-28 07:36 AM - Jürgen Fischer

- Target version changed from Version 2.2 to Future Release - Lower Priority

### #2 - 2017-05-01 01:08 AM - Giovanni Manghi

- Easy fix? set to No

- Regression? set to No

### #3 - 2019-03-09 03:12 PM - Giovanni Manghi

- Resolution set to end of life

- Status changed from Open to Closed

End of life notice: QGIS 2.18 LTR

Source:

<http://blog.qgis.org/2019/03/09/end-of-life-notice-qgis-2-18-ltr/>

## Files

|              |         |            |          |
|--------------|---------|------------|----------|
| image001.jpg | 17.4 KB | 2014-06-05 | cgsbob - |
|--------------|---------|------------|----------|