

QGIS Application - Bug report #16967

value relation widget with Allow multiple selection doesn't resolve the values anymore

2017-08-04 06:45 AM - Tudor Bărăscu

Status:	Closed	
Priority:	High	
Assignee:	Alessandro Pasotti	
Category:	Edit widget	
Affected QGIS version:	master	Regression?: Yes
Operating System:	Debian Stretch	Easy fix?: No
Pull Request or Patch applied:	Yes	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 24866
Description		
<p>Steps to reproduce:</p> <ul style="list-style-type: none">- Add a PostgreSQL layer with a integer[] column- Add a Value relation layer and point it to the array column- The values get saved in the DB when creating a feature- The widget cannot present the values stored in the database when the feature form gets popped and the user can overwrite them without knowing <p>I've also attached a GIF.</p> <p>value_relation_bug.gif</p>		

Associated revisions

Revision 4f05ed1d - 2018-03-15 03:11 PM - Alessandro Pasotti

[bugfix] value relation widget with Allow multiple selection doesn't resolve

Now it will accept arrays as well as string representations of arrays

Added a test

Fixes #16967 value relation widget with Allow multiple selection doesn't resolve the values anymore

History

#1 - 2017-08-04 09:38 AM - Giovanni Manghi

- Priority changed from Normal to High

#2 - 2017-11-06 03:05 PM - Matthias Kuhn

Tudor, any chance you can provide a sample database and project?

#3 - 2017-11-07 07:55 AM - Tudor Bărăscu

- File bug.jpg added

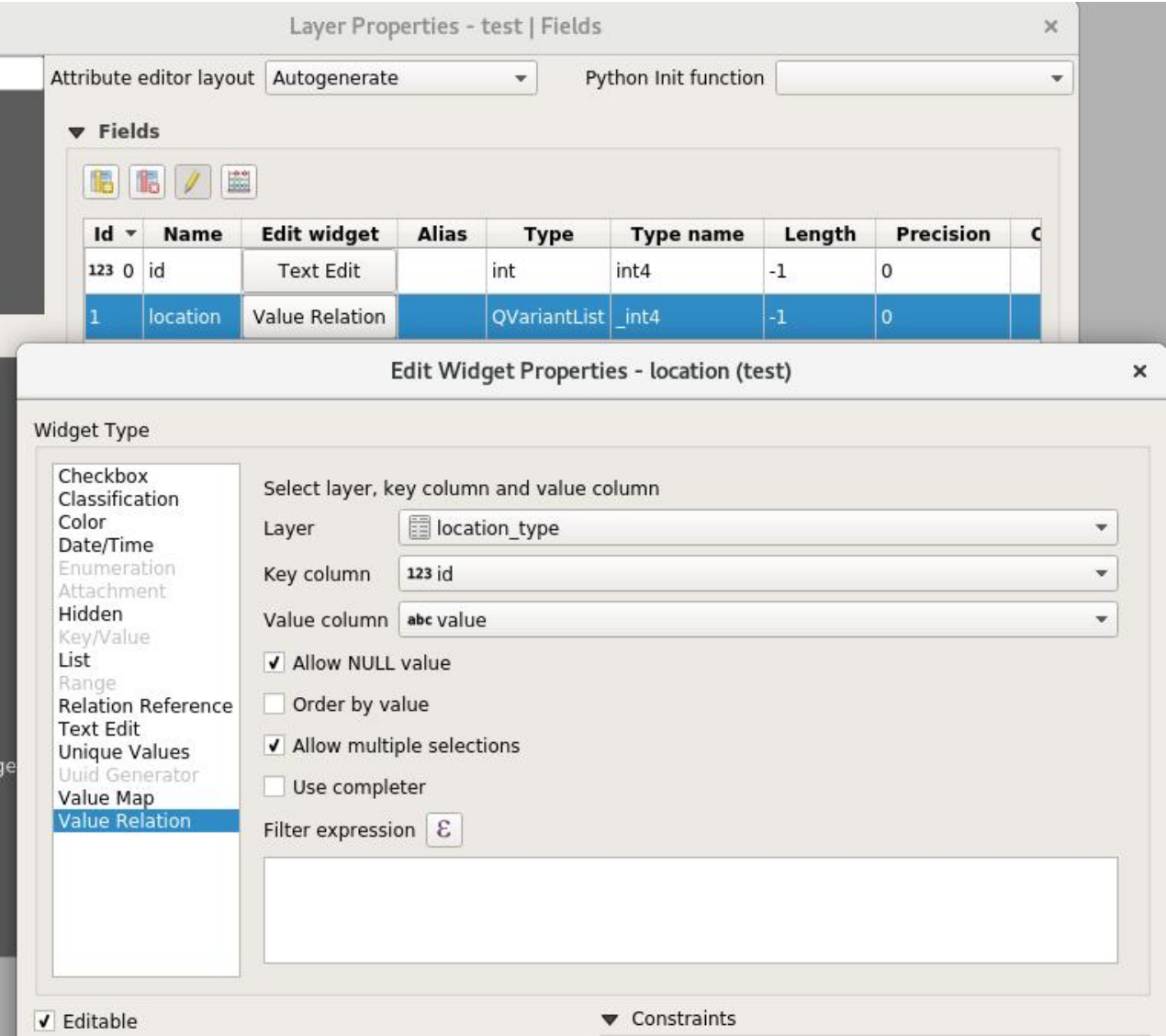
Sure!

I think instead of a dump and a project it's easier to just create the tables:

```
CREATE TABLE test (id serial PRIMARY KEY, location integer[], geom geometry(Point, 4326));
CREATE TABLE location_type (id serial PRIMARY KEY, value text);

INSERT INTO location_type (value) VALUES ('sidewalk');
INSERT INTO location_type (value) VALUES ('asphalt');
INSERT INTO location_type (value) VALUES ('sand');
INSERT INTO location_type (value) VALUES ('soil');
```

add the layers in a project, and configure the **location** widget as a value relation like so:



Then, add a new point and select some of the locations.
They will get saved in the database.
However, opening the form on the same point shows an empty location part.

Thanks!

#4 - 2018-02-23 11:09 AM - Luigi Pirelli
- Assignee set to Luigi Pirelli

investigating

#5 - 2018-03-02 11:28 AM - Luigi Pirelli

seems the error is here:
<https://github.com/qgis/QGIS/blob/master/src/core/fieldformatter/qgsvaluerelationfieldformatter.cpp#L57>
misformatting the string list... the result resutn a empty list.
debugging the value is simply an Int array

find the way to correctly generate the keyList

#6 - 2018-03-15 03:15 PM - Alessandro Pasotti

- Assignee changed from Luigi Pirelli to Alessandro Pasotti

#7 - 2018-03-15 04:49 PM - Alessandro Pasotti

- Status changed from Open to In Progress
- Pull Request or Patch supplied changed from No to Yes

PR <https://github.com/qgis/QGIS/pull/6615>

#8 - 2018-03-15 05:09 PM - Anonymous

- % Done changed from 0 to 100
- Status changed from In Progress to Closed

Applied in changeset commit:qgis|4f05ed1dd7a9b3eb831efcccd5fe9ebe53cb37d7.

Files			
value_relation_bug.gif	902 KB	2017-08-04	Tudor Bărăscu
bug.jpg	62.1 KB	2017-11-07	Tudor Bărăscu