

## QGIS Application - Bug report #20516

### Can't remove a constraint set on a field once saved

2018-11-16 04:07 PM - Timothe Perez

<b>Status:</b>	Closed		
<b>Priority:</b>	High		
<b>Assignee:</b>	Julien Cabieces		
<b>Category:</b>	Forms		
<b>Affected QGIS version:</b>	3.4.2	<b>Regression?:</b>	Yes
<b>Operating System:</b>	Ubuntu 16.04	<b>Easy fix?:</b>	No
<b>Pull Request or Patch applied:</b>	No	<b>Resolution:</b>	
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b>	28336
<b>Description</b>			
<p>Hi,</p> <p>While playing with constraints in the Attributes Form tab in a vector layer properties, I have found that once any constraint expression (valid or not) is saved, it is impossible to clear the constraint expression.</p> <p>How to reproduce (tested on shapefile and postgis layers):</p> <ol style="list-style-type: none"><li>1. create a vector shapefile layer with a dummy field</li><li>2. go to the layer properties =&gt; Attributes Form</li><li>3. select the dummy field</li><li>4. type any random constraint expression (valid or not)</li><li>5. if you clear the input box before hitting apply, the expression will be empty as expected</li><li>6. if you hit apply, then any attempt to clear the input box will cause it to display its last saved value when the input lose focus</li></ol> <p>It seems that there is no way to clear it (aside deleting the layer); if I open the expression dialog it does not allow blank expression and if I just write a space it will be saved but it's an invalid expression thus I will have a warning when I edit a feature.</p>			
<b>Related issues:</b>			
Duplicated by QGIS Application - Bug report # 21006: Expressions cannot be cl...		<b>Rejected</b>	<b>2019-01-15</b>

#### Associated revisions

##### Revision 1c343292 - 2019-02-20 08:41 PM - Julien Cabieces

Allow expression widget to be empty so expression could be removed (#9032)

- fixes #20516 : Allow Constraint widget in attribute type form to be empty so expression could be removed

per widget modification

- correct tests
- Add the clear button on field expression widget when widget is allowed to be empty
- Change API since version to 3.6

##### Revision 48068c26 - 2019-03-12 12:03 PM - Julien Cabieces

Allow Constraint widget in attribute type form to be empty so expression could be removed (#9229)

- fixes #20516 : Allow Constraint widget in attribute type form to be empty so expression could be removed
- Change 'since' version to 3.4.6

## History

---

### #1 - 2018-11-16 04:09 PM - Giovanni Manghi

- Status changed from Open to Feedback

Does it work as expected on 2.18?

### #2 - 2018-11-16 04:30 PM - Timothe Perez

I tried the same procedure on 2.18.24 and it's working as expected: when the input box is cleared, the expression stays empty.  
Also I just tried this on 3.2.3 on Windows and the behavior is the same as in 2.18: it gets cleared.

### #3 - 2018-11-16 06:35 PM - Giovanni Manghi

- Status changed from Feedback to Open
- Regression? changed from No to Yes
- Priority changed from Normal to High
- Operating System deleted (OpenSuse Leap 15)

### #4 - 2018-12-06 02:19 PM - Regis Haubourg

- Affected QGIS version changed from 3.4.1 to 3.4.2

Confirmed here with 3.4.2. It is a blocking regression.

### #5 - 2018-12-06 02:21 PM - Giovanni Manghi

Regis Haubourg wrote:

| Confirmed here with 3.4.2. It is a blocking regression.

I agree, is completely breaking the workflow of many.

### #6 - 2019-01-27 07:47 PM - Alexander Bruy

- Duplicated by Bug report #21006: Expressions cannot be cleared/removed in attributes form properties added

### #7 - 2019-01-30 09:09 AM - Julien Cabieces

- Assignee set to Julien Cabieces

### #8 - 2019-01-30 10:11 AM - Julien Cabieces

- Pull Request or Patch supplied changed from No to Yes
- Resolution set to fixed/implemented

Proposed PR : <https://github.com/qgis/QGIS/pull/9032>

**#9 - 2019-02-08 11:32 AM - Harrissou Santanna**

- *Resolution deleted (fixed/implemented)*

As far as I can see, the PR is not yet merged

**#10 - 2019-02-20 08:40 PM - Julien Cabieces**

- *Status changed from Open to Closed*

- *% Done changed from 0 to 100*

Applied in changeset commit:qgis|1c343292348280aa56a4bc9b7ffe82ffce6ef09e.