

## QGIS Application - Bug report #21895

### Default values and expression calculator not working together

2019-04-21 01:32 PM - Jonathan Moules

|   |         |                                     |
|---|---------|-------------------------------------|
| <b>Status:</b>  | Open    |                                     |
| <b>Priority:</b>  | Normal  |                                     |
| <b>Assignee:</b>  |         |                                     |
| <b>Category:</b>  | Vectors |                                     |
| <b>Affected QGIS version:</b>   | 3.4.3   | <b>Regression?:</b> No              |
| <b>Operating System:</b>  |         | <b>Easy fix?:</b> No                |
| <b>Pull Request or Patch supplied:</b>  | No      | <b>Resolution:</b>                  |
| <b>Crashes QGIS or corrupts data:</b>   | No      | <b>Copied to github as #:</b> 29710 |
| <b>Description</b>  |         |                                     |
| <p>While trying to work around #21892 I encountered the following.</p> <p>To replicate (in a GeoPackage - probably not format specific):</p> <ol style="list-style-type: none"><li>1) Create a new field of type Integer called whatever (_MY_FIELD here)</li><li>2) Use the Layer Properties -&gt; Attributes Form to set a default value of 0 on _MY_FIELD, and tick the "Apply default on update" (this is the bug!)</li><li>3) Now, use expression calculator to UPDATE _MY_FIELD with any numerical value (fid will do).</li></ol> <p>Result = _MY_FIELD only has values of "0".</p> <p>If you uncheck the "Apply default on update" then the update of the field will work as expected.</p> |         |                                     |

#### History

**#1 - 2019-04-23 08:47 AM - Jürgen Fischer**

- Description updated

**#2 - 2019-04-23 09:01 AM - Giovanni Manghi**

- Category changed from Field calculator to Vectors

**#3 - 2019-04-23 09:02 AM - Giovanni Manghi**

On the other hand the default does not do completely his job in other situations, like #21868

**#4 - 2019-04-23 09:13 AM - Jonathan Moules**

I ended up having to work around it with a logical if statement:

```
if("NEW_VALUE" is null, "NEW_VALUE", 0)
```

But only a workaround.