

QGIS Application - Bug report #17893

Variables don't work in filter of value relation widget

2018-01-19 12:07 PM - Daan Goedkoop

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|---|-------------|--------------------------------------|
| Status: | Closed | |
| Priority: | Normal | |
| Assignee: | | |
| Category: | Edit widget | |
| Affected QGIS version: | master | Regression?: No |
| Operating System: | | Easy fix?: Yes |
| Pull Request or Patch supplied: | | Resolution: fixed/implemented |
| Crashes QGIS or corrupts data: | | Copied to github as #: 25788 |
| Description | | |
| <p>If e.g. a project variable (with the '@variable') notation is used in the filter field of a value relation widget, this doesn't work. While configuring it does work, but when closing the layer properties and actually using the widget, it doesn't.</p> <p>I have looked into the source code, and I think the problem is (for MASTER) in src/core/fieldformatter/qgsvaluerelationfieldformatter.cpp: no expression context is set. I think in the following block:</p> <pre>if (!config.value(QStringLiteral("FilterExpression")).toString().isEmpty()) { request.setFilterExpression(config.value(QStringLiteral("FilterExpression")).toString()); }</pre> <p>...it needs to be changed to something like this:</p> <pre>if (!config.value(QStringLiteral("FilterExpression")).toString().isEmpty()) { QgsExpressionContext context(QgsExpressionContextUtils::globalProjectLayerScopes(layer)); request.setExpressionContext(context); request.setFilterExpression(config.value(QStringLiteral("FilterExpression")).toString()); }</pre> <p>(Btw. The problem is also present in QGIS 2.18.)</p> | | |

History

#1 - 2018-01-19 02:01 PM - Daan Goedkoop

I have tested this with QGIS 2.18:

<https://github.com/dgoedkoop/QGIS/commit/3e0c129bab20bb02b62afe53f6288dc5a33e873f>

This does indeed fix the problem. (Apparently QGIS 2.18 didn't have the QgsExpressionContextUtils::globalProjectLayerScopes function yet.)

Btw. The filter of atlas objects in the print composer seems to have the same problem! Also both in Master and in 2.18.

#2 - 2018-01-20 06:28 PM - Daan Goedkoop

For master: <https://github.com/qgis/QGIS/pull/6118>

#3 - 2018-01-22 11:58 AM - Daan Goedkoop

- *Status changed from Open to Closed*

Fixed with commit:qgis|fcbf4cb1f1ba05cd4dd199c1144bf4cc2c9c1d5c

#4 - 2018-02-21 09:49 PM - Giovanni Manghi

- *Resolution set to fixed/implemented*