QGIS Application - Bug report #21852
In Value Relation widget the new function current_value in filter expression is not affected by a settext of a python initialization function.

2019-04-15 04:11 PM - Alain FERRATON

Status:	Open			
Priority:	Normal			
Assignee:				
Category:	Forms			
Affected QGIS version:	3.4.5	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**		
Crashes QGIS or corrupts data:		**Copied to github as #:**	29667	

Description

I'm not sure it's a bug, because the problem is a bit complex.

I am in a case where I have to initialize a field, in reality by recovering a value in another layer that contains the entered point, but for the example just by assignment in a form open function

from PyQt5.QtWidgets import QDialogButtonBox, QLineEdit
def my_form_open(dialog, layer, feature):
    dialog.findChild(QLineEdit,'id').*setText*('10')

Another field (ref) is defined as a relational value and uses a filter for this purpose
id" = current_value("id')

when the form is initialized, the id value is not recovered by the current_value() function. All layer values are displayed instead of being filtered.
it is necessary to retype the value in the field so that the field 'ref' is filtered

In the same case, the formValuerelation plugin worked correctly with QGIS 2.

attached two layers gpkg and a project for testing

Files

test.qgz	4.71 KB	2019-04-15	Alain FERRATON
MyLayerA.gpkg	96 KB	2019-04-15	Alain FERRATON
ref.gpkg	76 KB	2019-04-15	Alain FERRATON