QGIS Application - Bug report #19736
Unable to get list of map layers from a map item in the layout

2018-08-30 04:22 PM - Harrissou Santanna

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	Expressions			
Affected QGIS version:	3.3(master)	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	invalid	
Crashes QGIS or corrupts data:		**Copied to github as #:**	27561	

Description

If I write in a label item of the layout an expression like map_get(item_variables('Map 1'), 'map_scale') it returns the current scale of the "Map 1" item.
If I write map_get(item_variables('Map 1'), 'map_layers'), I get an empty label. Same thing with map_layer_ids.

History

#1 - 2018-08-30 10:51 PM - Nyall Dawson

That's because the values aren't strings or numbers - you need to format them by converting the list to a string, etc. It's the same behaviour with geometries, dates, intervals, etc.

#2 - 2018-08-31 12:53 PM - Harrissou Santanna

Ok I get it using something like array_to_string(array_foreach(map_get(item_variables('Map 1'), 'map_layers'), layer_property(@element, 'name'))). Just awesome!!! Thanks.

Then I remark that I get all the layers checked in the Layers panel and not only the layers whose features are visible in the map item. Likewise, when I lock the map item with a map_theme i get the map theme layers (regardless what is displayed in the main canvas, which is great).
BUT I wonder if there should not be a method to filter list of layers by map item content (like the legend item option).

#3 - 2018-08-31 10:39 PM - Nyall Dawson

Ok, but that's a feature request ;)

#4 - 2018-09-01 10:41 AM - Harrissou Santanna

- *Status changed from Open to Closed*

Done in #19745

#5 - 2018-09-02 04:54 PM - Giovanni Manghi

- *Resolution set to invalid*