QGIS Application - Bug report #19354
Arrows are too long in the layer list legend

2018-07-06 10:08 PM - Carolyn Krause

Status:	Open			
Priority:	Normal			
Assignee:				
Category:	Map Legend			
Affected QGIS version:	3.0.0		**Regression?:**	No
Operating System:			**Easy fix?:**	No
Pull Request or Patch supplied:	No		**Resolution:**	
Crashes QGIS or corrupts data:	No		**Copied to github as #:**	27182

Description

Text copied from question on GIS Stackexchange: https://gis.stackexchange.com/q/207990/81764

The issue was first described as occurring in QGIS 2.14, but the original post was updated to say that it persists in QGIS 3.0

> In QGIS 2.14.5 LTR (and recently in QGIS 3.0) I've set up a beautiful map design with a graduated renderer and vector field markers for each value range (arrow length is directly proportional to stream velocity, which ranges from 0.001 -~5m/s).
>
> This worked great, but I wonder if I missed a setting to shorten the arrows in the legend. With a 'normal' width layer window, the class values cannot be seen:
> Units: millimeter

(image showing that arrow symbol previews displayed in layers panel are far too long - apparently at least 6 inches)

> My first guess was, that it has sth. to do with switching arrow length, line width units from millimeter to map units, but this doesn't affect the legend:
> Units: map units

(image showing that the issue persists when units are switched from mm to map units)

> UPDATE
> Issue still persists in QGIS 3.0.
> I created a screencast to visualize this: https://youtu.be/oxJ3tGXFB18
> In properties / symbology the symbols render correctly:

(image showing that arrow symbols are rendered as only the triangular arrow heads in the properties/symbology window)

> Note that the layer list displays the markers correctly, when duplicating the layer or applying changes to the style as long as layers panel width does not change.

- Original post on GIS Stackexchange by Jochen Schwarze (https://gis.stackexchange.com/users/63747/jochen-schwarze)

History

#1 - 2018-07-07 06:22 PM - Richard Duivenvoorde

Hi Carolyn,

I think it would be very helpful if you added a small dataset + QGIS3 project file with the styles used in screenies en movies.

That way it can be reproduced and debugged.

Is that possible?

Regards,

Richard Duivenvoorde

#2 - 2018-07-08 09:33 PM - Carolyn Krause

Hi Richard,

Thank you for your interest in this issue. I don't have the data you requested, but I passed your request along to the original poster of this issue on GIS Stackexchange.

Sincerely,

Carolyn Krause

#3 - 2018-07-11 01:08 PM - Jochen Schwarze
- File stream_velocity.zip added

Hi all,
@Carolyn: thank you for raising this issue!
See the attached zipfile for a sample dataset, QGIS project (created with 3.2) and a style file for convenience.
Best regards, Jochen Schwarze

Files

stream_velocity.zip	211 KB	2018-07-11	Jochen Schwarze