
Subject: [Bug] Text overflows legend box (RESOLVED)

Posted by [Maginor](#) on Thu, 15 Aug 2019 11:41:15 GMT

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Hi,

Especially on Windows 7, but also on Windows 10 (though not as much), long legend texts overflow the legend box. (If I place the legend in TOP position and have multiple series, their names overflow each other).

I have tried to dig into the ScatterDraw::DrawLegend function and it looks correct to me, but I may not understand all of it. Since it seems to be platform dependent, it could be that the GetTextSize function is incorrect, but wouldn't that cause all sorts of other problems throughout app, which is something I don't see?

I just use the default font and font size, and I don't have responsiveness turned on.

Here is what it looks like on Windows 7

File Attachments

1) [mobiviewpersist.png](#), downloaded 528 times



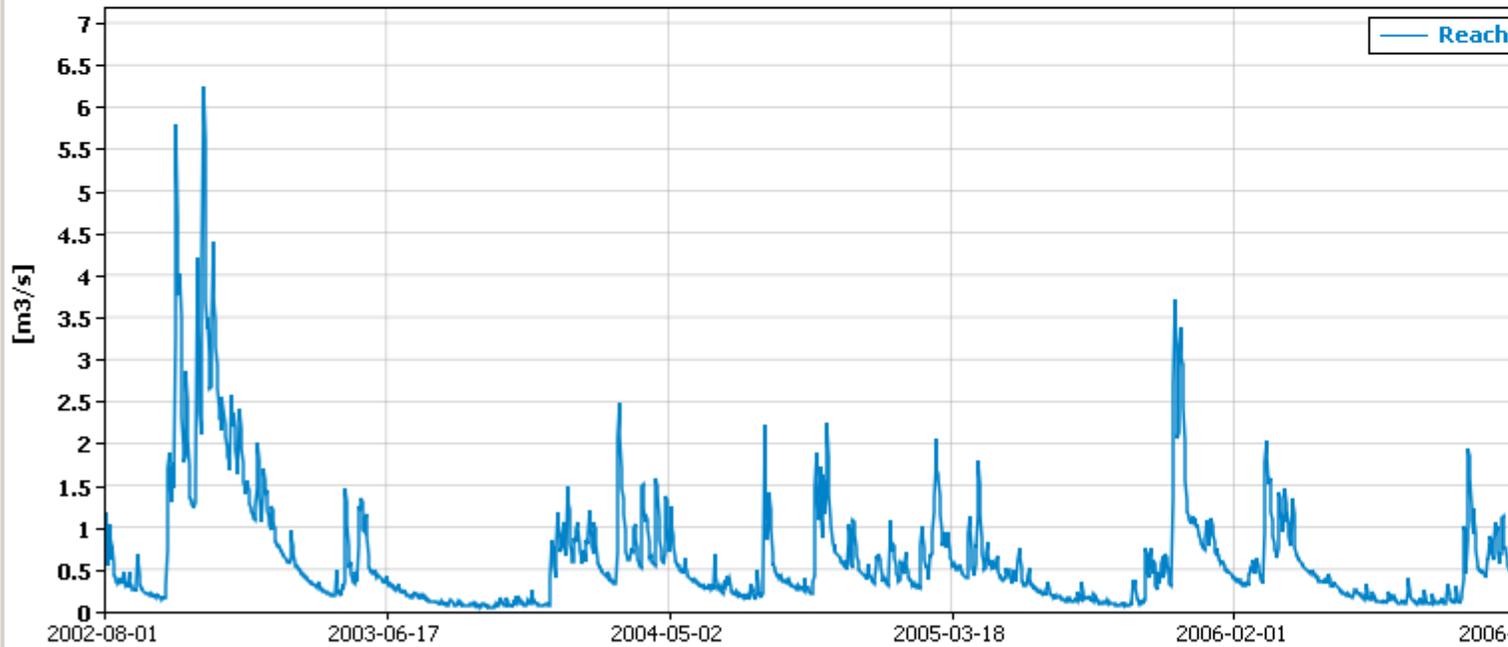
Parameter groups

- System
 - Landscape units
- Soils
 - Soils land
- Reaches
 - Landscape percentage
- Percolation
 - Percolation from
 - Percolation to

Landscape units: Soils: Reaches:

Lock Lock Lock

Name	Value	Min	Max	Unit	Description
Snow multiplier	1	0.5	1.5	dimensionle	Adjustment factor used to acco
Snow melt temperature	0	-4	4	°C	The temperature at or above w
Degree day melt factor	3	1	4	mm/°C/day	Describes the dependency of s
Rain multiplier	1	0.5	1.5	dimensionle	Adjustment factor used to acco
Initial snow depth	0	0	9999	mm SWE	The depth of snow, expressed
Degree day evapotranspi	0.2	0.05	0.2	mm/°C/day	Describes the baseline depend
Growing degree threshold	-1	-4	4	°C	The temperature at or above w
Canopy interception	0	0	0.3	mm/day	The depth of precipitation whic



Landscape u:

Soils:

- Soilwater
- Groundwal

Reaches:

- Regular
- Histogram
- Profile
- Compare baselin
- Residuals
- Residual histor
- Q-Q

Subject: Re: [Bug] Text overflows legend box
Posted by [Maginor](#) on Thu, 15 Aug 2019 13:00:06 GMT
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Oh, I think I found the issue.

In ScatterDraw::DrawLegend() you call scaledFont.Bold() after calculating the size of the text, but the bold text is slightly wider.

Edit: Confirming that that was the issue.

Subject: Re: [Bug] Text overflows legend box
Posted by [koldo](#) on Thu, 15 Aug 2019 18:14:55 GMT
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Thank you Maginor

Your fix is now included. In addition, GetTextSize() seems not to consider spaces, so a new GetTextSizeSpace() is included.
Please try it and tell us the results
