

## QGIS Application - Bug report #20401

### QgsLayoutItemLegend::adjustBoxSize does not work for legend created from pyqgis

2018-11-08 08:49 AM - Peter Petrik

<b>Status:</b> Open	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Map Composer/Printing	
<b>Affected QGIS version:</b> 3.4.0	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 28221
<b>Description</b>	
<p>When QgsLayoutItemLegend is created directly from plugin, adjustBoxSize does not work. So when positioning the item, the size is always 0 and it can fall off the visible screen.</p> <p>Maybe worth to add dpi parameter to adjustBoxSize and do not force to call paint() manually?</p> <p>Possible workaround here: <a href="https://github.com/lutraconsulting/qgis-crayfish-plugin/commit/e935bb1ebeb4c4131c2e96d361d7184073677ca2">https://github.com/lutraconsulting/qgis-crayfish-plugin/commit/e935bb1ebeb4c4131c2e96d361d7184073677ca2</a></p>	