

# QGIS Application - Bug report #1822

## Zoom to point: exaggerated zoom

2009-07-31 05:32 AM - alobo -

<b>Status:</b> Closed	
<b>Priority:</b> Low	
<b>Assignee:</b> Gary Sherman	
<b>Category:</b> Python plugins	
<b>Affected QGIS version:</b>	<b>Regression?:</b> No
<b>Operating System:</b> All	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> fixed
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 11882
<b>Description</b>	
<p>I'm getting a weird behaviour with "zoom to point", I get an exaggerated zoom unless I set values around 90 (qgis 1.1.0 Pan unstable on ubuntu 9.04)</p> <p>Also, would it be possible to get the point marked with a circle or something so that you can fine tune the zoom and pan, and even get the point saved to a points vector layer?</p>	

### History

#### #1 - 2009-07-31 05:43 AM - Paolo Cavallini

- Status changed from Open to Closed
- Resolution set to duplicate

Duplicate of #1588

#### #2 - 2009-08-01 09:02 PM - gcarrillo -

This is related to the Gary's plugin? If this is, please reopen the ticket because I have a suggestion :)

I think the #1588 is related to `[[ZoomToSelected]]` method (QgsMapCanvas class), I guess #1588 and this aren't the same thing, but please forgive me if I'm wrong.

#### #3 - 2009-08-02 01:35 AM - Borys Jurgiel

- Resolution deleted (duplicate)
- Status changed from Closed to Feedback

yes, you're right

#### #4 - 2009-08-02 01:35 AM - Borys Jurgiel

- Status changed from Feedback to Open

#### #5 - 2009-08-02 06:11 PM - gcarrillo -

I think the exaggerated zoom depends on what scale are your data.

Maybe the scale factor could be a relative factor with the canvas fullExtent as base extent.

Something like this can be useful (zoomtopoint.py file, run() method):

```
mc=self.iface.mapCanvas()
extent = mc.fullExtent()
xmin = float(x) - extent.width() / ( 2 * ( 100-scale ) )
xmax = float(x) + extent.width() / ( 2 * ( 100-scale ) )
ymin = float(y) - extent.height() / ( 2 * ( 100-scale ) )
ymax = float(y) + extent.height() / ( 2 * ( 100-scale ) )
rect = [[QgsRectangle]]( xmin, ymin, xmax, ymax )
mc.setExtent(rect)
```

x, y are the point coordinates to center

scale is the factor (1 to detailed scale, 99 to general scale)

**#6 - 2011-03-05 09:47 AM - Borys Jurgiel**

- *Status changed from Open to Closed*

- *Resolution set to fixed*

Applied as version 1.1, with a small modification:  $\text{extent.width()} / 200 * \text{scale}$

So scale n means n% of the full extent.