QGIS Application - Bug report #1822
Zoom to point: exaggerated zoom

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

Status:	Closed			
Priority:	Low			
Assignee:	Gary Sherman			
Category:	Python plugins			
Affected QGIS version:		**Regression?:**	No	
Operating System:	All	**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	fixed	
Crashes QGIS or corrupts data:		**Copied to github as #:**	11882	

Description

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)

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?

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: extent.width() / 200 * scale

So scale n means n% of the full extent.