# QGIS Application - Bug report #4347
## raster and vector rendering mismatched by 1 pixel at some zoom levels

2011-10-04 11:16 PM - Alister Hood

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|---|---|---|---|---|
| **Status:** | Closed | | | |
| **Priority:** | Low | | | |
| **Assignee:** | | | | |
| **Category:** | Rasters | | | |
| **Affected QGIS version:** | master | **Regression?:** | No | |
| **Operating System:** | | **Easy fix?:** | No | |
| **Pull Request or Patch supplied:** | No | **Resolution:** | invalid | |
| **Crashes QGIS or corrupts data:** | No | **Copied to github as #:** | 14284 | |

### Description

I'm not 100% sure if this counts as a bug:

Depending on the zoom level, a raster image and a vector with the same extent (created using gdaltindex) are not quite rendered in the same location.  Usually they are out by 1 pixel, as in the attached screenshot, although the other day I saw 2 pixels.

When I first saw this I decided it was an issue with the raster rendering, not the vector rendering, but I can't remember why.  Maybe because sometimes gaps are visible between adjacent raster layers or something.

Radim mentioned on the mailing list the other day that on-the-fly raster reprojection uses rounding if the difference is less than one pixel, so I thought it might be a problem with that, but it still shows up when not using  OTF reprojection.

### History

**#1 - 2011-12-16 02:10 PM - Giovanni Manghi**

- *Target version set to Version 1.7.4*

**#2 - 2012-04-16 06:29 AM - Paolo Cavallini**

- *Crashes QGIS or corrupts data set to No*

- *Affected QGIS version set to master*

- *Target version changed from Version 1.7.4 to Version 1.8.0*

**#3 - 2012-09-04 11:57 AM - Paolo Cavallini**

- *Target version changed from Version 1.8.0 to Version 2.0.0*

**#4 - 2012-10-05 01:42 AM - Giovanni Manghi**

- *Resolution set to invalid*

- *Status changed from Open to Closed*

It does not seems a qgis issue as also on other gis sw it looks the same.

**#5 - 2012-10-06 02:43 AM - Alister Hood**

Which other gis?
I think there is a "bug" in it/them as well.

### Files