

## QGIS Application - Bug report #19691

### The default crs of the project should not be overridden by the first layer added

2018-08-24 07:51 PM - Harrissou Santanna

|  |                    |                                     |
|--|--------------------|-------------------------------------|
| <b>Status:</b>   | Open               |                                     |
| <b>Priority:</b>   | Normal             |                                     |
| <b>Assignee:</b>   |                    |                                     |
| <b>Category:</b>   | Projection Support |                                     |
| <b>Affected QGIS version:</b>  | 3.3(master)        | <b>Regression?:</b> No              |
| <b>Operating System:</b>   |                    | <b>Easy fix?:</b> No                |
| <b>Pull Request or Patch supplied:</b>   | No                 | <b>Resolution:</b>                  |
| <b>Crashes QGIS or corrupts data:</b>  | No                 | <b>Copied to github as #:</b> 27516 |
| <b>Description</b>   |                    |                                     |
| <p>In the Settings --&gt; Options --&gt; CRS menu, user can choose a CRS which is used as default whenever he opens a new blank project. Then if he adds a layer:</p> <ul style="list-style-type: none"><li>- if the layer CRS is different from the one set for the project, the project CRS is changed and aligned with the first loaded layer CRS;</li><li>- if it's a geometryless layer, then the project CRS is set to epsg:4326</li></ul> <p>I think instead of automatically overriding the crs of the project (which was consciously set by default), it should keep it and reproject the files added. Discussion at <a href="http://osgeo-org.1560.x6.nabble.com/QGIS-Developer-Unable-to-understand-the-quot-Default-CRS-for-new-projects-quot-setting-td537179.html">http://osgeo-org.1560.x6.nabble.com/QGIS-Developer-Unable-to-understand-the-quot-Default-CRS-for-new-projects-quot-setting-td537179.html</a> and proposals from Nyall are:</p> <div><p><i>The options I can see are:</i></p><ol style="list-style-type: none"><li><i>1. Remove the setting, always start new projects in EPSG:4326, and then switch to match the crs of the first loaded layer</i></li><li><i>2. Remove the "set project crs to match first loaded layer crs" feature, and always start new projects in the crs defined by that setting. Loading layers doesn't change the crs.</i></li></ol><p><i>We need to proceed with caution here. For reference, I'd be a hesitant +1 to option 2.</i></p></div> |                    |                                     |