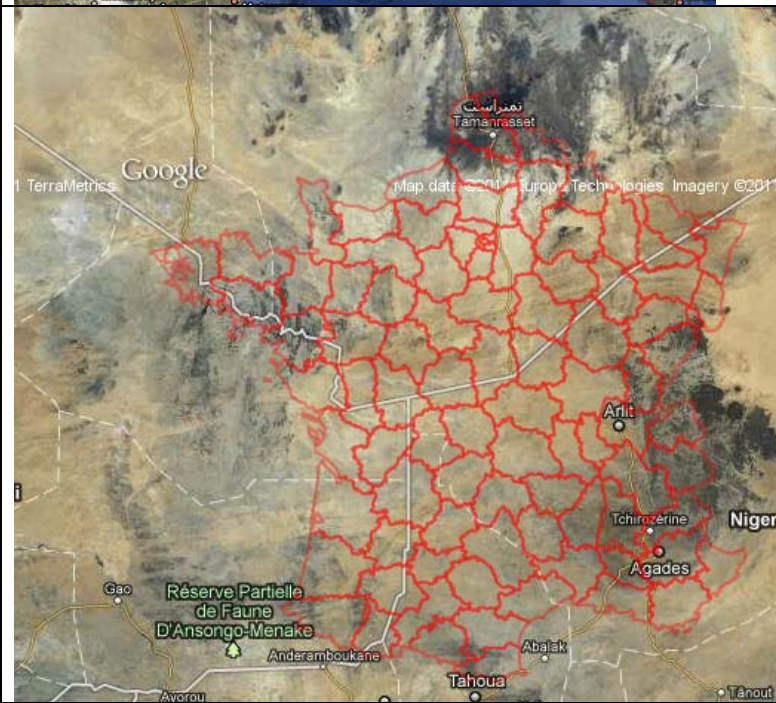


← I have the code to properly display a layer (USStates.shp) overlaid with Google Layer



In the code, I just changes:

- The shape file,
- The coordinates of the GPS point
- And I does not apply to this shape file the projection
`' worldLayer.FeatureSource.Projection = proj4`

- ➔ The map opens
- ➔ The map is not properly positioned on Google Layer (which is normal because there was no projection of the shape file)
- ➔ It is possible to center the map on the added layer
`worldLayer.Open()`
`WinformsMap.CurrentExtent = worldLayer.GetBoundingBox()`

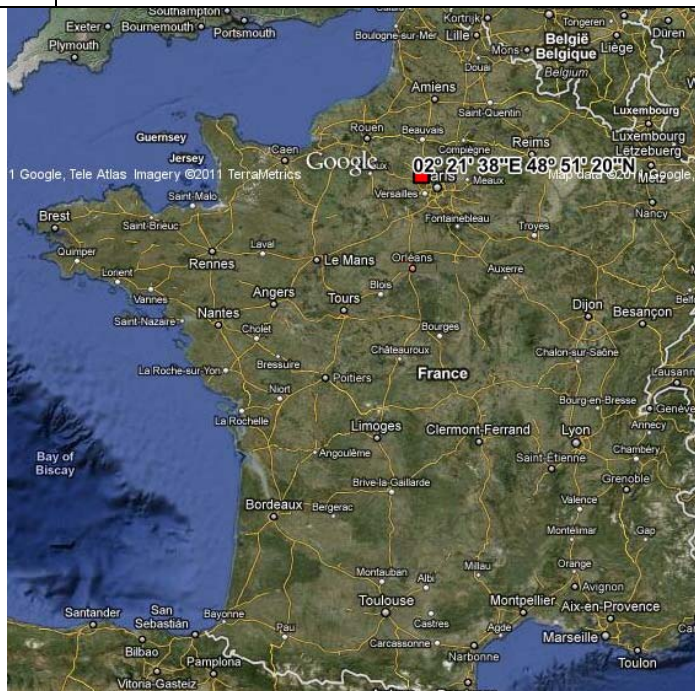
By reapplying the projection on the added layer

`worldLayer.FeatureSource.Projection = Proj4`

There is an error: **Parameter is not valid.**

This is due to `worldLayer.GetBoundingBox()` on the `WinformsMap.Refresh()` instruction, suggesting that the projection was not done correctly on the layer!

```
at System.Drawing.Bitmap..ctor(Int32 width, Int32 height, PixelFormat format)
at System.Drawing.Bitmap..ctor(Int32 width, Int32 height)
at ThinkGeo.MapSuite.DesktopEdition.GoogleMapsOverlay.3RY=(Int32 3hY=, Int32 3xY=, Int32 4BY=, Int32 4RY=,
Int32 4hY=, Int32 4xY=)
at ThinkGeo.MapSuite.DesktopEdition.GoogleMapsOverlay.2RY=(RectangleShape 2hY=, Int32 2xY=, Int32 3BY=)
at ThinkGeo.MapSuite.DesktopEdition.GoogleMapsOverlay.yhY=(GeoCanvas yxY=)
at ThinkGeo.MapSuite.DesktopEdition.GoogleMapsOverlay.DrawCore(GeoCanvas canvas)
at ThinkGeo.MapSuite.DesktopEdition.Overlay.tRM=(GeoCanvas thM=)
at ThinkGeo.MapSuite.DesktopEdition.Overlay.Draw(GeoCanvas canvas)
at ThinkGeo.MapSuite.DesktopEdition.WinformsMap.5BU=(IEnumerable`1 5RU=)
at ThinkGeo.MapSuite.DesktopEdition.WinformsMap.4hU=(RectangleShape 4xU=)
at ThinkGeo.MapSuite.DesktopEdition.WinformsMap.MRY=( )
at ThinkGeo.MapSuite.DesktopEdition.WinformsMap.LRY=(Int32 LhY=)
at ThinkGeo.MapSuite.DesktopEdition.WinformsMap.Refresh( )
at PF.Commun.Pr.x_resCarte.testGoogle( )
```



Still using the projection map

`worldLayer.FeatureSource.Projection = Proj4`

And removing the `worldLayer.GetBoundingBox()` instruction
(CuurentExtent set with the GPS point)

- ➔ Google layer appears correctly
- ➔ But the added layer is not displayed ! or can be displayed at another location ... ?

What is the difference between my shape file and USStates.shp, for the projection does not apply to my layer correctly?