

## Application: gvSIG desktop - gvSIG bugs #1511

### Problems tiling raster layers

12/24/2012 01:59 PM - Ignacio Brodín

<b>Status:</b>	Closed	<b>% Done:</b>	0%
<b>Priority:</b>	High	<b>Spent time:</b>	0.00 hour
<b>Assignee:</b>	Ignacio Brodín		
<b>Category:</b>	Raster		
<b>Target version:</b>	2.0.0-rc4		
<b>Severity:</b>		<b>Add-on version:</b>	
<b>gvSIG version:</b>	2.0.0	<b>Add-on build:</b>	
<b>gvSIG build:</b>		<b>Add-on resolve version:</b>	
<b>Operative System:</b>		<b>Add-on resolve build:</b>	
<b>Keywords:</b>		<b>Proyecto:</b>	
<b>Has patch:</b>	No	<b>Hito:</b>	
<b>Add-on name:</b>	Unknown		

#### Description

When the raster has geographic coordinates and the zoom level is high then throws this exception

```
Exception in thread "Timer-0" java.lang.OutOfMemoryError: Java heap space
    at sun.nio.cs.UTF_8.newEncoder(UTF_8.java:71)
    at java.lang.StringCoding$StringEncoder.<init>(StringCoding.java:233)
    at java.lang.StringCoding$StringEncoder.<init>(StringCoding.java:225)
    at java.lang.StringCoding.encode(StringCoding.java:284)
    at java.lang.String.getBytes(String.java:954)
    at java.io.UnixFileSystem.canonicalize0(Native Method)
    at java.io.UnixFileSystem.canonicalize(UnixFileSystem.java:172)
    at java.io.File.getCanonicalPath(File.java:576)
    at
    java.util.prefs.FileSystemPreferences.lockFile(FileSystemPreferences.java:902)
    at
    java.util.prefs.FileSystemPreferences.sync(FileSystemPreferences.java:731)
    at
    java.util.prefs.FileSystemPreferences.flush(FileSystemPreferences.java:824)
    at
    java.util.prefs.FileSystemPreferences.syncWorld(FileSystemPreferences.java:468)
    at
    java.util.prefs.FileSystemPreferences.access$1200(FileSystemPreferences.java:50)
    at
    java.util.prefs.FileSystemPreferences$4.run(FileSystemPreferences.java:436)
    at java.util.TimerThread.mainLoop(Timer.java:534)
    at java.util.TimerThread.run(Timer.java:484)
java.lang.OutOfMemoryError: Java heap space
    at java.util.HashMap.<init>(HashMap.java:226)
    at org.gvsig.raster.cache.tile.impl.TileImpl.<init>(TileImpl.java:59)
    at
    org.gvsig.raster.cache.tile.impl.provider.DefaultCacheStruct.getTileList(DefaultCacheStruct.java:400)
    at
    org.gvsig.raster.tilecache.io.TileProvider.getTileList(TileProvider.java:666)
    at
    org.gvsig.raster.tilecache.io.TileProvider.getWindow(TileProvider.java:748)
    at
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org.gvsig.raster.impl.provider.DefaultRasterProvider.getDataSet(DefaultRasterProvider.java:392)
  at
org.gvsig.raster.impl.store.DefaultRasterStore.getWindowTiled(DefaultRasterStore.java:506)
  at
org.gvsig.raster.impl.store.AbstractRasterDataStore.queryArray(AbstractRasterDataStore.java:204)
  at
org.gvsig.raster.impl.store.AbstractRasterDataStore.query(AbstractRasterDataStore.java:137)
  at
org.gvsig.raster.impl.grid.render.DefaultRender.drawTiledService(DefaultRender.java:352)
  at
org.gvsig.raster.fmap.layers.DefaultFLyrRaster.draw(DefaultFLyrRaster.java:661)
  at
org.gvsig.raster.fmap.layers.DefaultFLyrRaster.draw(DefaultFLyrRaster.java:614)
  at
org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer$DrawList.drawLayer(DefaultMapContextDrawer.java:516)
  at
org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer$DrawList.draw(DefaultMapContextDrawer.java:497)
  at
org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer$DrawList.drawLayers(DefaultMapContextDrawer.java:436)
  at
org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer.draw(DefaultMapContextDrawer.java:114)
  at org.gvsig.fmap.mapcontext.MapContext.draw(MapContext.java:1086)
  at
org.gvsig.fmap.mapcontrol.MapControl$PaintingRequest.paint(MapControl.java:1353)
  at
org.gvsig.fmap.mapcontrol.MapControl$Drawer$Worker.run(MapControl.java:1573)
  at java.lang.Thread.run(Thread.java:636)
24-dic-2012 12:13:10 sun.awt.X11.XToolkit processException
ADVERTENCIA: Exception on Toolkit thread
java.lang.OutOfMemoryError: GC overhead limit exceeded
ERROR [MapControl Drawer Worker] (NotificationManager.java:107) - Java
heap space
java.lang.OutOfMemoryError: Java heap space
  at java.util.HashMap.<init>(HashMap.java:226)
  at org.gvsig.raster.cache.tile.impl.TileImpl.<init>(TileImpl.java:59)
  at
org.gvsig.raster.cache.tile.impl.provider.DefaultCacheStruct.getTileList(DefaultCacheStruct.java:400)
  at
org.gvsig.raster.tilecache.io.TileProvider.getTileList(TileProvider.java:666)
  at
org.gvsig.raster.tilecache.io.TileProvider.getWindow(TileProvider.java:748)
  at
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  at
org.gvsig.raster.impl.store.DefaultRasterStore.getWindowTiled(DefaultRasterStore.java:506)
  at
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  at
org.gvsig.raster.impl.store.AbstractRasterDataStore.query(AbstractRasterDataStore.java:137)
  at
org.gvsig.raster.impl.grid.render.DefaultRender.drawTiledService(DefaultRender.java:352)
  at
org.gvsig.raster.fmap.layers.DefaultFLyrRaster.draw(DefaultFLyrRaster.java:661)
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at
org.gvsig.raster.fmap.layers.DefaultFLyrRaster.draw(DefaultFLyrRaster.java:614)
at
org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer$DrawList.drawLayer(DefaultMapContextDrawer.java:516)
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org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer$DrawList.draw(DefaultMapContextDrawer.java:497)
at
org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer$DrawList.drawLayers(DefaultMapContextDrawer.java:436)
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at
org.gvsig.fmap.mapcontrol.MapControl$PaintingRequest.paint(MapControl.java:1353)
at
org.gvsig.fmap.mapcontrol.MapControl$Drawer$Worker.run(MapControl.java:1573)
at java.lang.Thread.run(Thread.java:636)
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## History

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### #1 - 12/24/2012 02:03 PM - Ignacio Brodín

- Status changed from New to Fixed

gvsig-raster:r1397

### #2 - 01/11/2013 10:42 AM - Joaquín del Cerro Murciano

- Target version changed from 2.0.0-final to 2.0.0-rc4

### #3 - 02/26/2014 12:34 PM - Álvaro Anguix

- Status changed from Fixed to Closed