# Application: gvSIG desktop - gvSIG bugs #4785
# Problem with editing tool

01/09/2018 04:37 PM - Silvia Franceschi

| | | | |
|---|---|---|---|
| **Status:** | Closed | **% Done:** | 0% |
| **Priority:** | Urgent | **Spent time:** | 0.00 hour |
| **Assignee:** | Francisco Díaz Carsí | | |
| **Category:** | Application | | |
| **Target version:** | 2.4.0-2847 (rev. org.gvsig.desktop-2.0.216) | | |
| **Severity:** | Blocker | **Add-on version:** | |
| **gvSIG version:** | 2.4.0 | **Add-on build:** | |
| **gvSIG build:** | 2846 | **Add-on resolve version:** | |
| **Operative System:** | Linux | **Add-on resolve build:** | |
| **Keywords:** | editing, vertexes | **Proyecto:** | |
| **Has patch:** | | **Hito:** | |
| **Add-on name:** | Unknown | | |

## Description

If I try to edit the vertexes of a line in a layer there are problems in:

1. visualization of the new edited line (I have to save it before)

2. editing more than one vertex at a time before saving (only one edited vertex is supported, the second will be unregistered when saving)

3. the layer is visualized with a red cross (only after saving it will come back normal)

## Related issues:

| | | |
|---|---|---|
| Related to Application: gvSIG desktop - gvSIG bugs # 4787: Can't edit the att... | **Closed** | **01/13/2018** |
| Related to Application: gvSIG desktop - gvSIG bugs # 4788: Attribute editor e... | **Closed** | **01/13/2018** |

## History

### #1 - 01/18/2018 03:30 PM - Antonio Falciano

I can reproduce the issue. In detail, if I move one vertex of a polyline, the layer becomes greyed out in the ToC, only the vertices are visible in the view (the line disappears) and I got the following error:

```
WARN 717926 MapControl Drawer Worker org.gvsig.fmap.mapcontrol.MapControl$PaintingRequest - Problems drawing mapcontext.
org.gvsig.fmap.dal.exception.ReadException: There was errors loading from 'lines'.
    at org.gvsig.fmap.mapcontext.layers.vectorial.FLyrVect.draw(FLyrVect.java:346)
    at org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer$DrawList.drawLayer(DefaultMapContextDrawer.java:549)
    at org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer$DrawList.draw(DefaultMapContextDrawer.java:530)
    at org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer$DrawList.drawLayers(DefaultMapContextDrawer.java:469)
    at org.gvsig.fmap.mapcontext.impl.DefaultMapContextDrawer.draw(DefaultMapContextDrawer.java:161)
    at org.gvsig.fmap.mapcontext.MapContext.draw(MapContext.java:1151)
    at org.gvsig.fmap.mapcontrol.MapControl$PaintingRequest.paint(MapControl.java:1373)
    at org.gvsig.fmap.mapcontrol.MapControl$Drawer$Worker.run(MapControl.java:1593)
    at java.lang.Thread.run(Unknown Source)
Caused by: org.gvsig.symbology.fmap.mapcontext.rendering.legend.impl.LegendDrawingException: Problems drawing layer
    at org.gvsig.symbology.fmap.mapcontext.rendering.legend.impl.AbstractVectorialLegend.internalDraw(AbstractVectorialLegend.java:466)
    at org.gvsig.symbology.fmap.mapcontext.rendering.legend.impl.AbstractVectorialLegend.draw(AbstractVectorialLegend.java:352)
    at org.gvsig.symbology.fmap.mapcontext.rendering.legend.impl.AbstractVectorialLegend.draw(AbstractVectorialLegend.java:142)
    at org.gvsig.fmap.mapcontext.layers.vectorial.FLyrVect.draw(FLyrVect.java:330)
    ... 8 more
Caused by: java.lang.IndexOutOfBoundsException: Index: 1, Size: 1
    at java.util.ArrayList.rangeCheck(Unknown Source)
```

at java.util.ArrayList.get(Unknown Source)
at org.gvsig.fmap.dal.feature.impl.DefaultFeatureType.getAttributeDescriptor(DefaultFeatureType.java:167)
at org.gvsig.fmap.dal.feature.impl.DefaultEditableFeature.set(DefaultEditableFeature.java:91)
at org.gvsig.fmap.dal.feature.impl.FeatureManager.getCorrectFeature(FeatureManager.java:191)
at org.gvsig.fmap.dal.feature.impl.FeatureManager.get(FeatureManager.java:166)
at org.gvsig.fmap.dal.feature.impl.featureset.FastEditedIterator.createFeature(FastEditedIterator.java:104)
at org.gvsig.fmap.dal.feature.impl.featureset.FilteredIterator.doNext(FilteredIterator.java:82)
at org.gvsig.fmap.dal.feature.impl.featureset.FilteredIterator.hasNext(FilteredIterator.java:111)
at org.gvsig.fmap.dal.feature.impl.featureset.EditedIterator.hasNext(EditedIterator.java:107)
at org.gvsig.fmap.dal.feature.impl.featureset.AbstractFeatureSet.doAccept(AbstractFeatureSet.java:75)
at org.gvsig.fmap.dal.feature.impl.featureset.AbstractFeatureSet.doAccept(AbstractFeatureSet.java:67)
at org.gvsig.tools.visitor.impl.AbstractIndexedVisitable.doAccept(AbstractIndexedVisitable.java:63)
at org.gvsig.tools.visitor.impl.AbstractVisitable.accept(AbstractVisitable.java:49)
at
org.gvsig.symbology.fmap.mapcontext.rendering.legend.impl.AbstractVectorialLegend.drawFeaturesSingleLayer(AbstractVectorialLegend.java:554)    at o
:554)
at org.gvsig.symbology.fmap.mapcontext.rendering.legend.impl.AbstractVectorialLegend.drawFeatures(AbstractVectorialLegend.java:536)
at org.gvsig.symbology.fmap.mapcontext.rendering.legend.impl.AbstractVectorialLegend.internalDraw(AbstractVectorialLegend.java:458)
... 11 more
ERROR 717926 MapControl Drawer Worker org.gvsig.andami.messages.NotificationManager - There was errors loading from 'lines'.

- Problems drawing layer
- Index: 1, Size: 1

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... 11 more

Related to #4787 and #4788?

**#2 - 01/18/2018 04:11 PM - Francisco Díaz Carsí**

*- Assignee set to Francisco Díaz Carsí*

*- Status changed from New to In progress*

**#3 - 01/18/2018 04:49 PM - Francisco Díaz Carsí**

*- Related to gvSIG bugs #4787: Can't edit the attributes manually added*

**#4 - 01/18/2018 04:49 PM - Francisco Díaz Carsí**

*- Related to gvSIG bugs #4788: Attribute editor errors added*

**#5 - 01/18/2018 04:53 PM - Francisco Díaz Carsí**

*- Target version changed from 2.4.0-2850-final (rev. org.gvsig.desktop-2.0.220) to 2.4.0-2847 (rev. org.gvsig.desktop-2.0.216)*

*- Status changed from In progress to Fixed*

No era simplemente un problema de editar vértices, con otras herramientas de edición también ocurría.

Tras comprobar el bug, me actualizo el workspace y veo que Joaquín ya ha arreglado otros tiquets que parecían relacionados con éste (#4787 y #4788 que las he relacionado).

Compilo y compruebo que se ha solucionado este problema.

**#6 - 01/18/2018 05:03 PM - Francisco Díaz Carsí**

*- Status changed from Fixed to In progress*

**#7 - 01/18/2018 05:06 PM - Francisco Díaz Carsí**

Oh, no está del todo arreglado.

Los puntos 1 y 3 sí se arreglan con lo que digo en el comentario anterior, pero falta el punto 3.

La edición de vértices solo permite editar uno, a los siguientes no hace ni caso.
Sigo con ello.

**#8 - 01/19/2018 07:03 PM - Francisco Díaz Carsí**

*- Status changed from In progress to Fixed*

Arreglado también el punto 2.

**#9 - 01/30/2018 09:27 AM - Álvaro Anguix**

*- Status changed from Fixed to Closed*

**#9 - 01/30/2018 09:27 AM - Álvaro Anguix**

*- Status changed from Fixed to Closed*