

Application: gvSIG desktop - gvSIG bugs #4568

"Random vector layer" geoprocess produces empty line and polygon layers

07/26/2017 11:57 AM - Antonio Falciano

Status: Closed	% Done: 0%
Priority: Normal	Spent time: 0.00 hour
Assignee: Joaquín del Cerro Murciano	
Category: Geoprocess	
Target version: 2.4.0-2831 (rev. org.gvsig.desktop-2.0.197)	
Severity: Major	Add-on version:
gvSIG version: 2.4.0	Add-on build:
gvSIG build: 2829	Add-on resolve version:
Operative System:	Add-on resolve build:
Keywords:	Proyecto:
Has patch:	Hito:
Add-on name: Unknown	

Description

The "Random vector layer" geoprocess produces empty line and polygon layers. There's not trace of errors in the log. Instead, points layer are generated correctly. Can it be due to r43378?
Note: it works fine in build 2827.

Related issues:

Related to Application: gvSIG desktop - gvSIG bugs # 4612: Geometry type 22 n...	Closed	08/09/2017
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Associated revisions

Revision 43405 - 08/05/2017 09:07 PM - Joaquín del Cerro Murciano

refs #4568, #4569, añadido el metodo isSubtype al GeometryManager para comprobar si un tipo de geometria es subtipo de otro (ej. LINE es subtype de CURVE)

Revision 970 - 08/05/2017 09:11 PM - Joaquín del Cerro Murciano

refs #4568, #4569, modificada la comprobacion de tipos de geometria para que tenga en cuenta los subtipos.

Revision 43426 - 08/09/2017 03:22 PM - Joaquín del Cerro Murciano

refs #4568, corregido un error en los tipos de geometria aceptados por el shape.

History

#1 - 08/05/2017 08:34 PM - Joaquín del Cerro Murciano

- Target version changed from 2.4.0-2850-final (rev. org.gvsig.desktop-2.0.220) to 2.4.0-2830 (rev. org.gvsig.desktop-2.0.196)
- Assignee set to Joaquín del Cerro Murciano

#2 - 08/05/2017 09:12 PM - Joaquín del Cerro Murciano

- Status changed from New to Fixed

#3 - 08/07/2017 10:08 PM - Antonio Falciano

- Target version changed from 2.4.0-2830 (rev. org.gvsig.desktop-2.0.196) to 2.4.0-2850-final (rev. org.gvsig.desktop-2.0.220)
- Status changed from Fixed to New

Points and Polygons layers are generated correctly, while lines not in build 2830.

From the gvSIG.log:

```
INFO 1147635 AWT-EventQueue-0 org.gvsig.andami.actioninfo.impl.DefaultActionInfo -
org.gvsig.app.mainplugin:org.gvsig.app.extension.ViewControls.execute('view-change-scale', Object[] args)
INFO 1149945 AWT-EventQueue-0 org.gvsig.andami.actioninfo.impl.DefaultActionInfo -
org.gvsig.geoprocess.app.mainplugin:org.gvsig.geoprocess.extension.GeoprocessExtension.execute('GEOPROCESS_SELECTOR')
WARN 1155914 pool-5-thread-1 es.unex.sextante.core.SextanteLogHandler -
org.gvsig.fmap.dal.exception.ServerExplorerAddException: Exception creating 'FilesystemExplorer'.
    at org.gvsig.fmap.dal.serverexplorer.filesystem.impl.DefaultFilesystemServerExplorer.add(DefaultFilesystemServerExplorer.java:216)
    at org.gvsig.geoprocess.lib.sextante.dataObjects.FlyrVectIVectorLayer.create(FlyrVectIVectorLayer.java:200)
    at org.gvsig.geoprocess.lib.sextante.core.DefaultOutputFactory.getNewVectorLayer(DefaultOutputFactory.java:127)
    at org.gvsig.geoprocess.lib.sextante.core.DefaultOutputFactory.getNewVectorLayer(DefaultOutputFactory.java:72)
    at es.unex.sextante.core.GeoAlgorithm.getNewVectorLayer(GeoAlgorithm.java:1135)
    at es.unex.sextante.core.GeoAlgorithm.getNewVectorLayer(GeoAlgorithm.java:1173)
    at es.unex.sextante.vectorTools.randomVector.RandomVectorAlgorithm.processAlgorithm(RandomVectorAlgorithm.java:71)
    at es.unex.sextante.core.GeoAlgorithm.execute(GeoAlgorithm.java:229)
    at es.unex.sextante.core.GeoAlgorithm.execute(GeoAlgorithm.java:175)
    at es.unex.sextante.core.ProcessTask.call(ProcessTask.java:59)
    at es.unex.sextante.core.ProcessTask.call(ProcessTask.java:13)
    at java.util.concurrent.FutureTask.run(Unknown Source)
    at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
    at java.lang.Thread.run(Unknown Source)
```

```
Caused by: org.gvsig.fmap.dal.exception.ValidateDataParametersException: Checks parameters
    at org.gvsig.fmap.dal.spi.AbstractDataParameters.validate(AbstractDataParameters.java:177)
    at org.gvsig.fmap.dal.store.dbf.DBFStoreParameters.validate(DBFStoreParameters.java:261)
    at org.gvsig.fmap.dal.store.shp.SHPStoreParameters.validate(SHPStoreParameters.java:59)
    at org.gvsig.fmap.dal.serverexplorer.filesystem.impl.DefaultFilesystemServerExplorer.add(DefaultFilesystemServerExplorer.java:210)
    ... 14 more
```

```
Caused by: org.gvsig.tools.dynobject.exception.DynObjectValidateException: Errors found validating 'Persistence:SHPNewStoreParameters'.
Field 'geometryType' of type Integer ( 1, 2, 19, 7, 21, 22, 2, 3, 8, 9, ) has a invalid value of '18'.
    at org.gvsig.tools.dynobject.impl.DefaultDynClass.validate(DefaultDynClass.java:620)
    at org.gvsig.fmap.dal.spi.AbstractDataParameters.validate(AbstractDataParameters.java:175)
    ... 17 more
```

```
INFO 1156033 pool-5-thread-1 es.unex.sextante.core.SextanteLogHandler - Executing command: extent( 0.0, 0.0, 0.0, 100.0, 100.0, 0.0, 1.0, 1.0)
```

```
Executing command: runalg("randomvector", "100", "1", "#")
```

```
Starting algorithm execution...:7-ago-2017 22.04.55
```

```
Finished algorithm execution:7-ago-2017 22.04.55
```

```
Execution time (milliseconds):122
```

```
WARN 1158226 Thread-24 es.unex.sextante.core.SextanteLogHandler -
org.gvsig.fmap.mapcontext.exceptions.LoadLayerException: Can't load the layer Risultato.
    at org.gvsig.fmap.mapcontext.layers.LayerFactory.createLayer(LayerFactory.java:158)
    at org.gvsig.fmap.mapcontext.impl.DefaultMapContextManager.createLayer(DefaultMapContextManager.java:571)
    at org.gvsig.geoprocess.lib.sextante.dataObjects.FileTools.openLayer(FileTools.java:99)
    at org.gvsig.geoprocess.lib.sextante.core.PostProcessTaskRunnable.addResults(PostProcessTaskRunnable.java:265)
    at org.gvsig.geoprocess.lib.sextante.core.PostProcessTaskRunnable.run(PostProcessTaskRunnable.java:108)
    at java.lang.Thread.run(Unknown Source)
Caused by: java.lang.RuntimeException: org.gvsig.fmap.dal.exception.InitializeException: Error initializing resource 'Shape'.
    at org.gvsig.fmap.dal.spi.AbstractDataStoreProviderFactory.create(AbstractDataStoreProviderFactory.java:53)
    at org.gvsig.fmap.dal.impl.DefaultDataManager.openStore(DefaultDataManager.java:385)
```

```
at org.gvsig.fmap.mapcontext.layers.LayerFactory.createLayer(LayerFactory.java:155)
... 5 more
Caused by: org.gvsig.fmap.dal.exception.InitializeException: Error intializing resource 'Shape'.
at org.gvsig.fmap.dal.store.dbf.DBFStoreProvider.getTheFeatureType(DBFStoreProvider.java:426)
at org.gvsig.fmap.dal.store.shp.SHPStoreProvider.getTheFeatureType(SHPStoreProvider.java:258)
at org.gvsig.fmap.dal.store.dbf.DBFStoreProvider.initFeatureType(DBFStoreProvider.java:381)
at org.gvsig.fmap.dal.store.dbf.DBFStoreProvider.init(DBFStoreProvider.java:168)
at org.gvsig.fmap.dal.store.shp.SHPStoreProvider.init(SHPStoreProvider.java:113)
at org.gvsig.fmap.dal.store.dbf.DBFStoreProvider.<init>(DBFStoreProvider.java:148)
at org.gvsig.fmap.dal.store.shp.SHPStoreProvider.<init>(SHPStoreProvider.java:107)
at org.gvsig.fmap.dal.store.shp.SHPStoreProviderFactory.createProvider(SHPStoreProviderFactory.java:69)
at org.gvsig.fmap.dal.spi.AbstractDataStoreProviderFactory.create(AbstractDataStoreProviderFactory.java:48)
... 7 more
Caused by: org.gvsig.fmap.dal.exception.OpenException: Exception opening 'Shape'.
at org.gvsig.fmap.dal.store.dbf.DBFStoreProvider.open(DBFStoreProvider.java:686)
at org.gvsig.fmap.dal.store.dbf.DBFStoreProvider.getTheFeatureType(DBFStoreProvider.java:424)
... 15 more
Caused by: Error executing action in resource 'MultiResource C:\Users\Antonio\AppData\Local\Temp\tmp-gvsig\15021362954233.shp'.
at org.gvsig.fmap.dal.resource.spi.MultiResource.execute(MultiResource.java:316)
at org.gvsig.fmap.dal.store.dbf.DBFStoreProvider.open(DBFStoreProvider.java:677)
... 16 more
Caused by: org.gvsig.fmap.dal.exception.FileNotFoundException: File
'C:\Users\Antonio\AppData\Local\Temp\tmp-gvsig\15021362954233.dbf' not found.
at org.gvsig.fmap.dal.store.dbf.utils.DbaseFile.open(DbaseFile.java:442)
at org.gvsig.fmap.dal.store.dbf.DBFStoreProvider.openFile(DBFStoreProvider.java:692)
at org.gvsig.fmap.dal.store.shp.SHPStoreProvider.openFile(SHPStoreProvider.java:411)
at org.gvsig.fmap.dal.store.dbf.DBFStoreProvider$4.run(DBFStoreProvider.java:679)
at org.gvsig.fmap.dal.resource.spi.AbstractResource.performExecution(AbstractResource.java:339)
at org.gvsig.fmap.dal.resource.spi.MultiResource.execute(MultiResource.java:314)
... 17 more
```

#4 - 08/09/2017 11:58 AM - Joaquín del Cerro Murciano

- Target version changed from 2.4.0-2850-final (rev. org.gvsig.desktop-2.0.220) to 2.4.0-2831 (rev. org.gvsig.desktop-2.0.197)

#5 - 08/09/2017 03:23 PM - Joaquín del Cerro Murciano

- Status changed from New to Fixed

#6 - 08/10/2017 10:19 AM - Joaquín del Cerro Murciano

- Related to gvSIG bugs #4612: Geometry type 22 not supported added

#7 - 08/11/2017 11:19 AM - Antonio Falciano

- Status changed from Fixed to Closed