

Application: gvSIG desktop - gvSIG bugs #561

Export to from DXF to Shape does not work

04/20/2012 11:24 AM - Cesar Ordiñana

Status:	Closed	% Done:	0%
Priority:	Normal	Spent time:	0.00 hour
Assignee:	Juan Lucas Domínguez		
Category:	Document view		
Target version:	2.0.0-alpha6		
Severity:		Add-on version:	
gvSIG version:	2.0.0	Add-on build:	
gvSIG build:	2046	Add-on resolve version:	
Operative System:		Add-on resolve build:	
Keywords:		Proyecto:	
Has patch:	No	Hito:	
Add-on name:	Export framework (org.gvsig.exportto.app.extension)		

Description

To reproduce the error perform the following steps:

1. Open a layer with a DXF file.
2. Select the menu option Layer > Export to
3. Select the Shape format to export to
4. Select the file to create
5. Click on the export button

The process will create three shape files, one for each geometry type (point, curve, surface), but will fail in the first one where features are created, with the following error:

ERROR [Thread-8] (DefaultJExporttoServicePanel.java:235) - Error exporting the store

org.gvsig.exportto.ExporttoServiceException: An error has been produced exporting a store

at org.gvsig.exportto.swing.prov.shape.ExporttoShapeService.export(ExporttoShapeService.java:236)

at org.gvsig.exportto.swing.prov.shape.ExporttoShapeService.export(ExporttoShapeService.java:113)

at org.gvsig.exportto.swing.impl.DefaultJExporttoServicePanel\$Export.run(DefaultJExporttoServicePanel.java:233)

Caused by: org.gvsig.fmap.dal.feature.exception.StoreInsertFeatureException: Can't insert feature in store 'provincias3_surfaces'.

at org.gvsig.fmap.dal.feature.impl.DefaultFeatureStore.insert(DefaultFeatureStore.java:1026)

at org.gvsig.exportto.swing.prov.shape.ExporttoShapeService.export(ExporttoShapeService.java:224)

... 2 more

Caused by: Error while executing an action in resource 'MultiResource /tmp/gvsig/provincias3_surface.shp:: FileResource(/tmp/gvsig/provincias3_surface.shp), FileResource(/tmp/gvsig/provincias3.shx), FileResource(/tmp/gvsig/provincias3.dbf), FileResource(/tmp/gvsig/provincias3_surface.shp), FileResource(/tmp/gvsig/provincias3.shx), FileResource(/tmp/gvsig/provincias3.dbf) (default)'.

at org.gvsig.fmap.dal.resource.spi.AbstractResource.execute(AbstractResource.java:314)

at org.gvsig.fmap.dal.store.shp.SHPStoreProvider.append(SHPStoreProvider.java:561)

at org.gvsig.fmap.dal.feature.impl.DefaultFeatureStore.insert(DefaultFeatureStore.java:1013)

... 3 more

Caused by: org.gvsig.fmap.dal.exception.WriteException: Exception writing 'Shape'.

at org.gvsig.fmap.dal.store.shp.SHPFeatureWriter.append(SHPFeatureWriter.java:154)

at org.gvsig.fmap.dal.store.shp.SHPStoreProvider\$4.run(SHPStoreProvider.java:563)

at org.gvsig.fmap.dal.resource.spi.AbstractResource.performExecution(AbstractResource.java:323)

at org.gvsig.fmap.dal.resource.spi.AbstractResource.execute(AbstractResource.java:312)

... 5 more

Caused by: java.lang.RuntimeException: UnsupportedGeometryType: Surface2D
at org.gvsig.fmap.dal.store.shp.SHPFeatureWriter.append(SHPFeatureWriter.java:155)
... 8 more

It seems there is an error in the handling of the geometry type. It uses only the geometry type int value instead of the GeometryType, so the subtype is lost. Also it seems to not set well the geometry type in the created shape files.

History

#1 - 05/10/2012 02:52 PM - Manuel Madrid

- Target version set to 2.0.0-rc1

#2 - 05/30/2012 02:23 PM - Joaquín del Cerro Murciano

- Target version changed from 2.0.0-rc1 to 2.0.0-alpha6

#3 - 06/13/2012 11:40 AM - Juan Lucas Domínguez

- Assignee set to Juan Lucas Domínguez

#4 - 06/13/2012 11:48 AM - Juan Lucas Domínguez

- Status changed from New to In progress

#5 - 06/13/2012 12:30 PM - Juan Lucas Domínguez

- Status changed from In progress to Fixed

gvsig-desktop:r38411

Forced refreshment of geom type in new params. A manager validates and fixes afterwards, as it happens in the first export (points)

#6 - 07/03/2012 12:38 PM - María Maluenda

- Status changed from Fixed to Closed

Closed in the gvSIG build 2049.