

Application: gvSIG desktop - gvSIG bugs #3096

Problems using Unsupervised Classification

01/07/2015 01:27 PM - Mario Carrera

Status: New	% Done: 0%
Priority: Normal	Spent time: 0.00 hour
Assignee:	
Category: Geoprocess	
Target version:	
Severity: Minor	Add-on version:
gvSIG version: 2.1.0	Add-on build:
gvSIG build: 2259	Add-on resolve version:
Operative System:	Add-on resolve build:
Keywords:	Proyecto:
Has patch:	Hito:
Add-on name: Unknown	

Description

There have been these problems using the Unsupervised Classification on gvSIG 2.1 on a Landsat image:

- The results are moved from the original location, they are not in the correct place.
- The final area is not complete (it contains NoData values at right side and at the bottom of the image).
- The top of the image hasn't been rasterized.

It worked good in gvSIG 1.12.

I attach the log file.

Related issues:

Related to Application: gvSIG desktop - gvSIG bugs # 3097: Wrong output regio...	Closed	01/08/2015
Related to Application: gvSIG desktop - gvSIG bugs # 1987: Rasterize result s...	Won't fix	08/07/2013

History

#1 - 01/07/2015 01:49 PM - Álvaro Anguix

- Category changed from Raster to Geoprocess

#2 - 01/08/2015 12:53 PM - Antonio Falciano

I can reproduce the issue: the output raster is shifted of one pixel in SW direction and its spatial extent is not complete (see also #3097).

#3 - 01/08/2015 12:58 PM - Antonio Falciano

See also #1987.

#4 - 01/08/2015 01:10 PM - Álvaro Anguix

- Related to gvSIG bugs #3097: Wrong output region if "Use extent from view" added

#5 - 01/08/2015 01:10 PM - Álvaro Anguix

- Related to gvSIG bugs #1987: Rasterize result shifted added

#6 - 01/08/2015 01:17 PM - Mario Carrera

- File Model_3.jpg added
- File Model_2.jpg added

I attach the input (Model_2.jpg) and output (Model_3.jpg) images to see the results.

#7 - 01/08/2015 03:39 PM - Antonio Falciano

Hi Mario,
 maybe the shift is too wide because of #2343. Have you tried the same task without maximizing the view? What's happened in this case?

#8 - 01/09/2015 01:39 PM - Mario Carrera

Hi Antonio,
 I'm going to ask the user who tested it and I tell you about the results.

#9 - 01/10/2015 12:07 PM - Antonio Falciano

- File L7_after_UC.jpg added
- File L7_before_UC.jpg added

Hi Mario,
 I've tried to replicate the issue(s) under very similar conditions ;) with the view maximized (see screenshots in attachment), "Use the view extent" in the Analysis region and the same cell size of the input layers. It seems that it doesn't depend by #2343. There's a less consistent shift in the NS direction in my case and the output extent is cut symmetrically along the X axis. A further issue that affects the "Unsupervised classification" is #3098, because the second output is a table.

#10 - 02/25/2015 02:06 PM - Álvaro Anguix

- Target version set to 2.2.0-2311-rc2
- Assignee set to Francisco Díaz Carsí

#11 - 03/13/2015 12:12 PM - Álvaro Anguix

- Target version deleted (2.2.0-2311-rc2)

#12 - 06/20/2016 11:57 AM - Joaquín del Cerro Murciano

- Assignee deleted (Francisco Díaz Carsí)

Files

gvSIG-clasificacion-no-supervisada.log	365 KB	01/07/2015	Mario Carrera
Model_2.jpg	83 KB	01/08/2015	Mario Carrera
Model_3.jpg	96.6 KB	01/08/2015	Mario Carrera
L7_before_UC.jpg	290 KB	01/10/2015	Antonio Falciano
L7_after_UC.jpg	267 KB	01/10/2015	Antonio Falciano