Application: gvSIG desktop - gvSIG feature requests #4217
Update JTS to 1.14 version

05/20/2016 01:03 PM - Antonio Falciano

Status:	Closed	**% Done:**	0%
Priority:	Normal	**Spent time:**	0.00 hour
Assignee:			
Category:	Application		
Target version:	2.6.0-3240		
gvSIG version:	2.3.0	**Add-on resolve version:**	
Keywords:	jts, geoprocessing	**Add-on resolve build:**	
Has patch:		**Proyecto:**	
Add-on name:	Unknown	**Hito:**	
Add-on version:			

Description

Updating the JTS library to 1.14 version (released in January) would add new capabilities to gvSIG, e.g. the new LineDissolver class or the new methods of the PreparedGeometries, just to cite some of them. It may have some positive impact on geoprocesses and improve the whole robustness of gvSIG. For instance, I've rewritten the old Polygonize geoprocess in a Jython script following a different approach based on a precision model. It runs faster than the old one (hundred of thousands of polygons generated in few seconds, considering also the time for I/O operations) and avoids the blocking TopologyExceptions thanks to the precision reduction. Here's a useful Source compatibility report for the jts library between 1.13 and 1.14 versions in order to understand quickly the new features of JTS.

History

#1 - 07/25/2016 07:19 PM - Álvaro Anguix

- Category set to Application

#2 - 03/04/2020 02:58 PM - Álvaro Anguix

- Target version set to 3.0.0

#3 - 11/18/2021 12:03 PM - Álvaro Anguix

- Target version changed from 3.0.0 to 2.6.0-3240
- Status changed from New to Closed

Por lo que he visto aquí http://redmine.gvsig.net/redmine/versions/271 se ha actualizado JTS. Cierro ticket