

| gvSIG desktop 1 - gvSIG bugs #383

Update JTS library to 1.12

02/29/2012 01:26 PM - Andrés Maneiro

Status: Fixed	% Done: 100%
Priority: Normal	
Assignee: Andrés Maneiro	
Category:	
Target version:	
Severity:	Add-on name: Unknown
gvSIG version: 1.12.0	Add-on version:
gvSIG build:	Add-on build:
Operative System:	Add-on resolve version:
Keywords:	Add-on resolve build:
Has patch: No	
Description	
Update JTS to last stable version, in order to support sextante library. Related to #339	

History

#1 - 02/29/2012 02:56 PM - Andrés Maneiro

- Target version set to 1.12.0-rc1

#2 - 02/29/2012 05:09 PM - Andrés Maneiro

- File update_jts_to_1_12.patch added

Added patch:

- deleting old binaries (jts-1.9.jar and jtsio-1.8.jar at libFMap/lib).
- adding new binaries (jts-1.12.jar and jtsio-1.12.jar at libFMap/lib).
- updating appgvSIG dependences to new libraries (appgvSIG/config/dependences.xml).
- updating libFMap build.xml to new libraries.
- updating references in classpath for all projects in a gvSIG official release (at least those [listed here as gvSIG dist projects on main svn variable](#)).
- update SnapPolygonBuilder & SnappingOverlayOperation at libFMap/src/com.vividsolutions.jts.operation.overlay. JTS 1.12 access to CGAlgorithms has changed from JTS 1.9, and now is not required maintain a local reference to that object but access it in a static way.
- adding cast to LineString in JTSUtil at libTopology/src/org.gvsig.jts.

#3 - 02/29/2012 08:00 PM - Andrés Maneiro

In order to test the change, I've realized some tests related to CAD operations and geoprocessing, which seems two places where JTS is being used intensively.

Tests realized:

- SplitGeometry operation with shapefile a polygon shapefile.
- Buffer operation on the same shapefile.

The results are as expected. Let me know if more tests are necessary or there is some kind of battery test to run against.

#4 - 03/01/2012 10:55 AM - Francisco Puga

It seems good. Please commit it.

#5 - 03/01/2012 06:54 PM - Andrés Maneiro

- *Status changed from New to Fixed*
- *% Done changed from 0 to 100*

Applied in changeset r38047.

#6 - 02/20/2014 10:21 AM - Álvaro Anguix

- *Project changed from Application: gvSIG desktop to | gvSIG desktop 1*
- *Target version deleted (1.12.0-rc1)*

Files

update_jts_to_1_12.patch	23.3 KB	02/29/2012	Andrés Maneiro
--------------------------	---------	------------	----------------