

GIS - Support #3308

Raingauges: conflicting id

13/12/2016 16:59 - Philippe May

Status:	Closed	Start date:	13/12/2016
Priority:	Normal	Due date:	
Assignee:	Giulio Di Anastasio	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description Here in Redmine, there are 2 files for the raingauges. Assuming they have to be imported in the same table: there is a conflict with objects sharing the same identifier (ie. primary key in the database, 'id'): - "region raingauges UTM44N.zip" has ids: 1, 2, 3, 4 - "auroville raingauges UTM44N.zip" has ids: 1, 2, 3, 4, 5, 6, 7, 8. So, ids of 1, 2, 3, 4 are conflicting. I'm not 100% sure of what's happening though. The software uses a convenient utility called "shp2pgsql", which generates the SQL commands from shapefiles. The utility can actually generate the field 'id'. Alternatively, the 'id' comes from QGIS, and we'll need to see together how QGIS generates the shapefiles (how does it set the 'id'?), and adapt the export.			
Related issues: Related to Gisaf - Feature #3327: Put 2 tables for raingauge Closed 15/12/2016			

Associated revisions

Revision 5c7f7d17 - 15/12/2016 16:10 - Philippe May

ORM: add resident model, use proper keys (refs #3316, refs #3307, refs #3308), use proper foreign key names and relations

History

#1 - 14/12/2016 00:53 - Philippe May

Note that we could use a python library with a bit of code to import shapefiles to the DB (see <http://geospatialpython.com/2016/08/pure-python-loading-shapefiles-into.html>).

This method would allow a lot of flexibility: pre-processing the shapefiles.
That really depends on the workflow we want, in relation with QGIS.

#2 - 15/12/2016 12:50 - Philippe May

We stick to the convention: 1 shapefile <=> 1 table.

So, we get 2 tables for raingauge: raingauge_av and raingauge_region

#3 - 15/12/2016 12:51 - Philippe May

- Related to Feature #3327: Put 2 tables for raingauge added

#4 - 15/12/2016 12:53 - Philippe May

- Status changed from New to Resolved

#5 - 26/05/2020 14:35 - Giulio Di Anastasio

- Status changed from Resolved to Closed