

## GIS - Support #3308

### Raingauges: conflicting id

13/12/2016 16:59 - Philippe May

<b>Status:</b>	Closed	<b>Start date:</b>	13/12/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Giulio Di Anastasio	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Description</b>			
<p>Here in Redmine, there are 2 files for the raingauges.</p> <p>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'):</p> <ul style="list-style-type: none"><li>- "region raingauges UTM44N.zip" has ids: 1, 2, 3, 4</li><li>- "auroville raingauges UTM44N.zip" has ids: 1, 2, 3, 4, 5, 6, 7, 8.</li></ul> <p>So, ids of 1, 2, 3, 4 are conflicting.</p> <p>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'.</p> <p>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.</p>			
<b>Related issues:</b>			
Related to Gisaf - Feature #3327: Put 2 tables for raingauge		<b>Closed</b>	<b>15/12/2016</b>

#### 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