

## Gisaf - Feature #3536

### new shapefile and excel file uploaded

23/01/2017 16:33 - Giulio Di Anastasio

<b>Status:</b>	Closed	<b>Start date:</b>	23/01/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Philippe May	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	demo	<b>Spent time:</b>	1.00 hour
<b>Description</b>			
Dear Philippe, I uploaded the shapefile geological_formations.zip and the excel file geological formation.xlsx  The shapefile includes the styling file .qml as well  Waiting for your feedback  Giulio			

### History

#### #1 - 26/01/2017 16:38 - Philippe May

In the shapefile, the id field is not unique. This generates errors when importing, i might even create multi polygons, which isn't great.

So, you should keep the field "id" unique for each shape, and add another field (geological\_formation?) for linking to the data table.

#### #2 - 28/01/2017 01:43 - Philippe May

One of the features in the shapefile (id=17) is actually a multipolygon. This is curious, because QGIS says about the shapefile: Geometry type: Polygon.

The issue is: Postgis requires to define the type of geometries in the table, which is simple polygon in this case. Until now, in gisaf we have only treated single types, not multi.

It would require few hours to code support for multi-geometries. In general, i feel it would be a basic feature, and this issue kinda shows it: a small mistake (assuming you tried to make only single polygons) will block the import. As a side note, i should make the error message to be more explicit, easier to read anyway.

In your crystal ball, do you see this issue might reappear regularly?  
Of course, you can also split the multipolygons in QGIS and re-upload the files.

#### #3 - 29/01/2017 13:04 - Giulio Di Anastasio

- Status changed from New to Closed

Dear Philippe,  
I changed the multi polygon into single polygons, and now I uploaded into the basket, and then imported into the DB. IT WORKS!!

I prefer to have single polygons, it will help in future.

If you can style it, the mL file is in the zip of geological\_formation\_29012017  
Also, in the popup, we can show the name of the formation, which is in the excel file

Thanks!!

Giulio

#### #4 - 29/01/2017 15:01 - Philippe May

- Status changed from Closed to In Progress

Nice :)

I added information in the popup. Not deployed on the server yet, but it works on my laptop.

There's a tricky issue with the styling.

In short, gisaf uses the category (in QGis) as "css class" in the browser, i didn't think that the categories could be numbers.

But, there's a constraint about the name, as clearly explained in

<http://stackoverflow.com/questions/448981/which-characters-are-valid-in-css-class-names-selectors>:

Basically, a name must begin with an underscore (`_`), a hyphen (`-`), or a letter (`a-z`), followed by any number of hyphens, underscores, letters, or numbers. There is a catch: if the first character is a hyphen, the second character must be a letter or underscore, and the name must be at least 2 characters long.

2 options:

- I can change the software (we'd need to reimport the already imported shapefiles)
- we can put in the specifications that categories MUST follow the naming convention above, as you want.

I feel, again, that making gisaf more robust (first option) is a good idea.

#### #5 - 30/01/2017 00:13 - Philippe May

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

I proceeded. Categories (in QGis) with only numbers are OK -> geologists are now enjoy nice colors too thumbsup.png

I also re-imported on the production server the shapefiles to match this change.