

## | gvSIG desktop 1 - gvSIG bugs #1531

### Intersection and union don't apply the output schema correctly

01/04/2013 09:55 AM - Antonio Falciano

|                          |                                   |                                |         |
|--------------------------|-----------------------------------|--------------------------------|---------|
| <b>Status:</b>           | Fixed                             | <b>% Done:</b>                 | 100%    |
| <b>Priority:</b>         | Normal                            |                                |         |
| <b>Assignee:</b>         | Francisco Puga                    |                                |         |
| <b>Category:</b>         |                                   |                                |         |
| <b>Target version:</b>   |                                   |                                |         |
| <b>Severity:</b>         |                                   | <b>Add-on name:</b>            | Unknown |
| <b>gvSIG version:</b>    | 1.11.0                            | <b>Add-on version:</b>         |         |
| <b>gvSIG build:</b>      | 1305                              | <b>Add-on build:</b>           |         |
| <b>Operative System:</b> |                                   | <b>Add-on resolve version:</b> |         |
| <b>Keywords:</b>         | geoprocesses, intersection, union | <b>Add-on resolve build:</b>   |         |
| <b>Has patch:</b>        | Yes                               |                                |         |

#### Description

The output schema of resulting layer of Intersection and Union geoprocesses don't match with the fields descriptions (length and precision) of the input layers. This issue is quite similar to #1530, however it involves another method of DefinitionUtils (mergeLayerDefinitions). The patch in attachment solves the problem.

See also this post on devel mailing list in which the issue :

<http://joinup.ec.europa.eu/mailman/archives/gvsig-desktop-devel/2013-January/000748.html>

Cheers,  
Antonio

#### History

##### #1 - 01/09/2013 04:37 PM - Antonio Falciano

- Target version set to 1.13.0

##### #2 - 01/10/2013 03:47 PM - Francisco Puga

Thanks for the patch.

I change it a bit, because i think it can be a bit more concise. I rewrite it to use this:

```
int i = 0;
for (FieldDescription fieldDesc:firstDatasource.getFieldsDescription()) {
    fields[i++] = fieldDesc;
}
for (FieldDescription fieldDesc:secondDatasource.getFieldsDescription()) {
    fields[i++] = fieldDesc;
}
solution.setFieldsDesc(fields);
```

##### #3 - 01/10/2013 03:52 PM - Francisco Puga

- Status changed from New to Fixed

- % Done changed from 0 to 100

Applied in changeset r39584.

**#4 - 01/10/2013 03:58 PM - Francisco Puga**

- Assignee set to *Francisco Puga*
- *gvSIG version changed from 1.12.0 to 1.11.0*
- *gvSIG build changed from 1417 to 1305*

**#5 - 02/20/2014 10:21 AM - Álvaro Anguix**

- *Project changed from Application: gvSIG desktop to | gvSIG desktop 1*
- *Category deleted (Geoprocess)*
- *Target version deleted (1.13.0)*

**Files**

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|   |         |            |                  |
|---|---------|------------|------------------|
| extGeoProcessing_patch_overlay_geoprocesses.txt | 1.87 KB | 01/04/2013 | Antonio Falciano |
|---|---------|------------|------------------|