

## Application: gvSIG desktop - gvSIG feature requests #2719

### Añadir a la carga de GMLs la posibilidad de indicar que los ejes estan intercambiados.

07/24/2014 10:17 AM - Joaquín del Cerro Murciano

<b>Status:</b> Closed	<b>% Done:</b> 0%
<b>Priority:</b> Normal	<b>Spent time:</b> 0.00 hour
<b>Assignee:</b> Joaquín del Cerro Murciano	
<b>Category:</b>	
<b>Target version:</b> 2.1.0-2239-testing	
<b>gvSIG version:</b> 2.1.0	<b>Add-on resolve version:</b>
<b>Keywords:</b>	<b>Add-on resolve build:</b>
<b>Has patch:</b>	<b>Proyecto:</b>
<b>Add-on name:</b> Unknown	<b>Hito:</b>
<b>Add-on version:</b>	
<b>Description</b>	
Hay algunos GML que tienen las X e Y intercambiadas respecto a como las espera gvSIG. Añadir en el interfaz de usuario la posibilidad de que el usuario indique que han de intercambiarse los valores de la X e Y.	
<b>Related issues:</b>	
Related to Application: gvSIG desktop - gvSIG feature requests # 2720: Alguno...	<b>Closed</b> <b>07/24/2014</b>

#### History

##### #1 - 07/24/2014 11:18 AM - Antonio Falciano

See also #2252.

About axis ordering, for instance GeoServer has adopted some useful assumptions in reference to CRS representation (GML version):

<http://docs.geoserver.org/latest/en/user/services/wfs/basics.html#axis-ordering>

So the axis could be swapped directly by code, without the user intervention.

##### #2 - 07/24/2014 11:53 AM - Álvaro Anguix

- Related to gvSIG feature requests #2720: Algunos servicios WFS envian la X e Y intercambiadas. added

##### #3 - 07/24/2014 12:36 PM - Joaquín del Cerro Murciano

Antonio Falciano wrote:

See also #2252.

About axis ordering, for instance GeoServer has adopted some useful assumptions in reference to CRS representation (GML version):

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So the axis could be swapped directly by code, without the user intervention.

El driver de GML no puede hacer esas asunciones, es el de WFS el que puede hacerlo y luego indicar como quiere que se cargue el GML. Por eso he repartido la tarea en dos tickets.

Cuando cargo un GML de disco no se quien lo genero, solo tengo el CRS, y no siempre sera suficiente para determinar el orden de los ejes.

##### #4 - 07/25/2014 04:26 AM - Antonio Falciano

- File *swap\_coordinates.model* added

You're right, Joaquín. The MIME subtype with the GML version (e.g. subtype=gml/3.1.1) is not mandatory, so it seems that there are not other elements in order to understand the axis order. Furthermore, the assumptions made by GeoServer may be not valid for GML coming from MapServer... So the user interaction is necessary.

As temporary workaround I've made a SEXTANTE model (in attachment).

**#5 - 07/25/2014 10:14 AM - Joaquín del Cerro Murciano**

- Status changed from *New* to *Fixed*

**#6 - 07/27/2014 09:42 PM - Joaquín del Cerro Murciano**

- Target version changed from *2.1.0-2259-rc3* to *2.1.0-2239-testing*

**#7 - 07/28/2014 05:17 AM - Antonio Falciano**

It works fine, but the checkbox is quite hidden because of #2613.

**#8 - 07/28/2014 05:19 AM - Álvaro Anguix**

- Status changed from *Fixed* to *Closed*

**Files**

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swap_coordinates.model	3.31 KB	07/25/2014	Antonio Falciano
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