

## Application: gvSIG desktop - gvSIG bugs #2190

### Error Postgresql guardando una feature de tipo int2

01/10/2014 12:52 PM - Francisco Díaz Carsí

<b>Status:</b>	Closed	<b>% Done:</b>	0%
<b>Priority:</b>	Normal	<b>Spent time:</b>	0.00 hour
<b>Assignee:</b>	Juan Lucas Domínguez		
<b>Category:</b>			
<b>Target version:</b>	2.1.0-2217-devel		
<b>Severity:</b>		<b>Add-on version:</b>	
<b>gvSIG version:</b>	2.1.0	<b>Add-on build:</b>	
<b>gvSIG build:</b>		<b>Add-on resolve version:</b>	
<b>Operative System:</b>		<b>Add-on resolve build:</b>	
<b>Keywords:</b>		<b>Proyecto:</b>	
<b>Has patch:</b>	No	<b>Hito:</b>	
<b>Add-on name:</b>	Unknown		

#### Description

Se soluciona de la siguiente manera:

En la clase **JDBHelper**, en el método **EditableFeatureAttributeDescriptor** se saca el código del **default** del **switch** a un nuevo método, de la siguiente manera:

```
protected EditableFeatureAttributeDescriptor createAttributeFromJDBC(
    EditableFeatureType fType, Connection conn,
    ResultSetMetaData rsMetadata, int collIndex)
    throws java.sql.SQLException {

    EditableFeatureAttributeDescriptor column;
    switch (rsMetadata.getColumnType(collIndex)) {

        .....

        default:
            column = createAttributeFromJDBCNativeType(fType, rsMetadata, collIndex);

            break;
    }

    return column;
}

protected EditableFeatureAttributeDescriptor createAttributeFromJDBCNativeType(
    EditableFeatureType fType, ResultSetMetaData rsMetadata, int collIndex)
    throws SQLException {
    EditableFeatureAttributeDescriptor column;
    column = fType.add(rsMetadata.getColumnName(collIndex),
        DataTypes.OBJECT);
    column.setAdditionalInfo("SQLType", new Integer(rsMetadata
        .getColumnType(collIndex)));
    column.setAdditionalInfo("SQLTypeName", rsMetadata
        .getColumnTypeName(collIndex));
```

```
return column;
}
```

Y en la clase **PostgreSQLHelper**

Se sobrescriben los dos métodos siguientes:

```
@Override
protected EditableFeatureAttributeDescriptor createAttributeFromJDBCNativeType(
    EditableFeatureType fType, ResultSetMetaData rsMetadata, int collIndex)
    throws SQLException {

    EditableFeatureAttributeDescriptor column;

    String nativeType = rsMetadata.getColumnTypeName(collIndex);

    if (nativeType.startsWith("int")) {
        column = fType.add(rsMetadata.getColumnNames(collIndex),
            DataTypes.INT);
        column.setAdditionalInfo("SQLType", new Integer(rsMetadata
            .getColumnType(collIndex)));
        column.setAdditionalInfo("SQLTypeName", rsMetadata
            .getColumnTypeName(collIndex));
        return column;
    }
    return super.createAttributeFromJDBCNativeType(fType, rsMetadata, collIndex);
}

@Override
public Object dalValueToJDBC(
    FeatureAttributeDescriptor attributeDescriptor, Object object)
    throws WriteException {
    if ("int2".equals(attributeDescriptor.getAdditionalInfo("SQLTypeName"))) {
        return new Short(String.valueOf(object));
    }

    return super.dalValueToJDBC(attributeDescriptor, object);
}
```

#### Related issues:

Duplicates Application: gvSIG desktop - gvSIG bugs # 1802: Falta tipo de dato...

Closed

04/19/2013

#### History

#1 - 01/10/2014 02:39 PM - Juan Lucas Domínguez

- Status changed from New to Fixed

- Assignee set to Juan Lucas Domínguez

Fixed management of not-so-common data types in databases (patch provided by fdiaz)

gvSIG-desktop:r41042

gvsig-postgresql:r44

**#2 - 01/13/2014 09:51 AM - Joaquín del Cerro Murciano**

- *Target version set to 2.1.0-2217-devel*

**#3 - 01/27/2014 06:06 PM - Álvaro Anguix**

- *Status changed from Fixed to Closed*