

## Application: gvSIG desktop - gvSIG bugs #3062

### Poder usar los corchetes en expresiones de cadena en la calculadora de campos.

12/11/2014 05:09 PM - Joaquín del Cerro Murciano

|   |                                |
|---|--------------------------------|
| <b>Status:</b> Closed                       | <b>% Done:</b> 0%              |
| <b>Priority:</b> Low                        | <b>Spent time:</b> 0.00 hour   |
| <b>Assignee:</b> Joaquín del Cerro Murciano |                                |
| <b>Category:</b> Document table             |                                |
| <b>Target version:</b> 2.1.0-2263           |                                |
| <b>Severity:</b> Minor                      | <b>Add-on version:</b>         |
| <b>gvSIG version:</b> 2.1.0                 | <b>Add-on build:</b>           |
| <b>gvSIG build:</b> 2260                    | <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> Yes                       | <b>Hito:</b>                   |
| <b>Add-on name:</b> Unknown                 |                                |

**Description**

Corregir el evaluador de expresiones de la calculadora de campos para que reemplace la evaluacion de los campos de forma mas inteligente y permita usar los corchetes en las expresiones cuando no se estan usando para referenciar un campo.

Por ejemplo, la expresion:

[CAMPO1][:10]

Deberia ser valida y devolver los primeros 10 caracteres del campo "CAMPO1".

**Related issues:**

|  |               |                   |
|--|---------------|-------------------|
| Related to Application: gvSIG desktop - gvSIG bugs # 3102: Invalid syntax in ... | <b>Closed</b> | <b>01/10/2015</b> |
| Related to Application: gvSIG desktop - gvSIG feature requests # 2279: Add re... | <b>Closed</b> | <b>02/03/2014</b> |

#### Associated revisions

##### Revision 38 - 12/11/2014 05:10 PM - Joaquín del Cerro Murciano

refs #3062, Corregido el evaluador de expresiones de la calculadora de campos para que reemplace la evaluacion de los campos de forma mas inteligente y permita usar los corchetes en las expresiones cuando no se estan usando para referenciar un campo.

##### Revision 43 - 01/16/2015 05:18 PM - Joaquín del Cerro Murciano

refs #3102, refs #3062, Corregido la sustitucion de los nombres de campos por la funcion de python, y modificado el panel de avanzado para disponer de un editor en el que introducir codigo en lugar de solo disponer de la opcion de cargarlo desde disco,

#### History

##### #1 - 12/11/2014 05:12 PM - Joaquín del Cerro Murciano

- Description updated

##### #2 - 12/11/2014 05:12 PM - Joaquín del Cerro Murciano

- Priority changed from Normal to Low

- Status changed from New to Fixed

##### #3 - 12/19/2014 10:22 AM - Álvaro Anguix

- gvSIG build set to 2260
- Target version deleted (2.1.0-2260)
- Status changed from Fixed to New
- Category set to Document table
- File gvSIG.log added

No funciona.  
Adjunto log.

#### #4 - 01/12/2015 09:47 AM - Antonio Falciano

```
[CAMPO1][:10]
```

should be the equivalent of

```
subString([CAMPO1],0,9)
```

However, it's not possible to verify if they work at the moment (build 2262), because of #3102.  
See also #2452 in reference to substr/subString.

#### #5 - 01/12/2015 09:53 AM - Antonio Falciano

A little correction. It should be:

```
subString([CAMPO1],0,10)
```

because *"The substring begins at the specified parameter2 and extends to the character at index parameter3 - 1."*

#### #6 - 01/13/2015 07:35 PM - Antonio Falciano

- File *expression.patch* added

In order to solve this, firstly I'd restore the old behaviour of square brackets (*expression.patch*).

Then, in order to allow slicing, I'd add two new functions in addition to *SubString: left* and *right*. For instance, in Jython:

```
def left(string, value):  
    return string[:value]
```

```
def right(string, value):  
    return string[-value:]
```

#### #7 - 01/14/2015 09:40 AM - Álvaro Anguix

- Has patch set to Yes

#### #8 - 01/14/2015 09:41 AM - Álvaro Anguix

- Related to gvSIG bugs #3102: *Invalid syntax in Field Calculator* added

#### #9 - 01/15/2015 07:57 PM - Antonio Falciano

An extended use of square brackets would be very useful also in the case of regular expressions (see #2279). However, there's the Advanced tab of Field calculator in order to define and add new functions in the expressions.

**#10 - 01/16/2015 10:47 AM - Álvaro Anguix**

- Related to gvSIG feature requests #2279: Add regex function(s) in the string functions of Field Calculator added

**#11 - 01/16/2015 05:19 PM - Joaquín del Cerro Murciano**

- Target version set to 2.1.0-2263

- Status changed from New to Fixed

**#12 - 01/20/2015 08:29 PM - Álvaro Anguix**

- Status changed from Fixed to Closed

**Files**

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|                  |           |            |                  |
|------------------|-----------|------------|------------------|
| gvSIG.log        | 491 Bytes | 12/19/2014 | Álvaro Anguix    |
| expression.patch | 1.56 KB   | 01/13/2015 | Antonio Falciano |