

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

Status: Closed	% Done: 0%
Priority: Low	Spent time: 0.00 hour
Assignee: Joaquín del Cerro Murciano	
Category: Document table	
Target version: 2.1.0-2263	
Severity: Minor	Add-on version:
gvSIG version: 2.1.0	Add-on build:
gvSIG build: 2260	Add-on resolve version:
Operative System:	Add-on resolve build:
Keywords:	Proyecto:
Has patch: Yes	Hito:
Add-on name: 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 ...	Closed	01/10/2015
Related to Application: gvSIG desktop - gvSIG feature requests # 2279: Add re...	Closed	02/03/2014

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

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