

Application: gvSIG desktop - gvSIG bugs #551

Errores en el metodo setPoints de la clase Arc

04/19/2012 04:16 PM - Joaquín del Cerro Murciano

Status: Closed	% Done: 0%
Priority: Normal	Spent time: 0.00 hour
Assignee: Juan Lucas Domínguez	
Category:	
Target version: 2.0.0-beta1	
Severity:	Add-on version:
gvSIG version: 2.0.0	Add-on build:
gvSIG build:	Add-on resolve version:
Operative System:	Add-on resolve build:
Keywords:	Proyecto:
Has patch: No	Hito:
Add-on name: Unknown	

Description

La documentacion del metodo

```
void setPoints (Point center, double radius, double startAngle, double endAngle );
```

del interface Arc es incorrecta. El ultimo parametro no es endAngle si no angleExt.

El valor de angleExt se esta calculando en el metodo estico UtilFunctions.angleDistance, apartir de startAngle y endAngle, y luego se le pasa el metodo setPoints.

Estaria bien hacer un setPoints que recibiera startAngle y endAngle y que calculase el AngleExt. La idea seria añadir los metodos:

```
void setPointsStartEnd (Point center, double radius, double startAngle, double endAngle );
```

```
void setPointsStartExt (Point center, double radius, double startAngle, double angleExt );
```

Y en la implementacion de:

```
void setPoints (Point center, double radius, double startAngle, double angleExt );
```

Hacer que delegue en el que toca que es setPointsStartExt, dejando la doc del API como corresponda.

History

#1 - 05/10/2012 02:55 PM - Manuel Madrid

- Assignee set to Víctor Acevedo

- Target version set to 2.0.0-rc1

#2 - 08/22/2012 11:27 AM - Joaquín del Cerro Murciano

- Assignee changed from Víctor Acevedo to Juan Lucas Domínguez

#3 - 08/22/2012 01:14 PM - Juan Lucas Domínguez

- Status changed from New to In progress

#4 - 08/23/2012 12:50 PM - Juan Lucas Domínguez

- Status changed from In progress to Fixed

gvsig-desktop:r38786

Added methods in Arc interface and implementation with explicit names for setting points:

```
void setPointsStartEnd (Point center, double radius, double startAngle, double endAngle );
```

```
void setPointsStartExt (Point center, double radius, double startAngle, double angleExt );
```

Also some unit tests. Old method still available.

#5 - 08/30/2012 02:15 PM - Joaquín del Cerro Murciano

- *Target version changed from 2.0.0-rc1 to 2.0.0-devel-2052*

#6 - 10/10/2012 02:03 PM - María Maluenda

- *Status changed from Fixed to Under review*

Need instructions in order to check the bugfix

#7 - 10/10/2012 02:47 PM - Juan Lucas Domínguez

- *Status changed from Under review to New*

- *Target version changed from 2.0.0-devel-2052 to 2.0.0-rc1*

#8 - 10/10/2012 02:50 PM - Juan Lucas Domínguez

- *Status changed from New to Fixed*

- *Target version changed from 2.0.0-rc1 to 2.0.0-beta1*

Sorry I forgot instructions.

You can test it with beta1 also:

- Create view, add a SHP of lines, start editing mode

- Add an ARC and move its handlers to modify it

- If everything is OK, you can close this bug because the code to manage arcs has changed.

#9 - 11/19/2012 12:34 PM - Abenchara Socorro

- *Status changed from Fixed to Closed*

Closed in build 2058