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/*
 * TextElementModel.java
 *
 * Created on January 22, 2007, 3:12 PM
 *
 * To change this template, choose Tools | Template Manager
 * and open the template in the editor.
 */

package Modelo2;

import Controlador2.DefaultController;
import java.awt.Font;
import java.beans.PropertyChangeEvent;

/**
 * A sample class that mimics some properties found in a text element, including
 * its X and Y position, rotation, opacity, string, and font.
 *
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 */
public class TextElementModel extends AbstractModel
{
    private String text;
    private Font font;
    private Integer x;
    private Integer y;
    private Integer opacity;
    private Integer rotation;

    /**
     * Default constructor
     */
    public TextElementModel()
    {
    }

    /**
     * Provides the means to set or reset the model to a default state.
     */
    public void initDefault() {
        setOpacity(89);
        setRotation(0);
        setText("Sample Text");
        setFont(new Font("Arial", Font.BOLD, 24));
        setX(50);
        setY(50);
    }

    // Accessors

    public String getText() {
        return text;
    }

    public void setText(String text) {
        String oldText = this.text;
        this.text = text;

        firePropertyChange(DefaultController.ELEMENT_TEXT_PROPERTY, oldText, text);
    }

    public Font getFont() {
        return font;
    }
}
```

```
public void setFont(Font font) {
    Font oldFont = this.font;
    this.font = font;

    firePropertyChange(DefaultController.ELEMENT_FONT_PROPERTY, oldFont, font);
}

public Integer getX() {
    return x;
}

public void setX(Integer x) {
    Integer oldX = this.x;
    this.x = x;

    firePropertyChange(DefaultController.ELEMENT_X_PROPERTY, oldX, x);
}

public Integer getY() {
    return y;
}

public void setY(Integer y) {
    Integer oldY = this.y;
    this.y = y;

    firePropertyChange(DefaultController.ELEMENT_Y_PROPERTY, oldY, y);
}

public Integer getOpacity() {
    return opacity;
}

public void setOpacity(Integer opacity) {
    Integer oldOpacity = this.opacity;
    this.opacity = opacity;

    firePropertyChange(DefaultController.ELEMENT_OPACITY_PROPERTY, oldOpacity, opacity);
}

public Integer getRotation() {
    return rotation;
}

public void setRotation(Integer rotation) {
    Integer oldRotation = this.rotation;
    this.rotation = rotation;

    firePropertyChange(DefaultController.ELEMENT_ROTATION_PROPERTY, oldRotation, rotation);
}
}
```