

```
/*
 * DocumentModel.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.beans.PropertyChangeEvent;

/**
 * A sample class that mimics some properties found in a document, including
 * its name, width, and height.
 *
 * @author Robert Eckstein
 */
public class DocumentModel extends AbstractModel
{

    private String name;
    private Integer width;
    private Integer height;

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

    /**
     * Provides the means to set or reset the model to a default state.
     */
    public void initDefault() {

        setName("Sample Document");
        setWidth(500);
        setHeight(500);

    }

    // Accessors

    public String getName() {
        return name;
    }

    public void setName(String name) {

        String oldName = this.name;
        this.name = name;

        firePropertyChange(DefaultController.DOCUMENT_NAME_PROPERTY, oldName, name);
    }

    public Integer getWidth() {
        return width;
    }

    public void setWidth(Integer width) {

        Integer oldWidth = this.width;
        this.width = width;

        firePropertyChange(DefaultController.DOCUMENT_WIDTH_PROPERTY, oldWidth, width);
    }
}
```

```
}

public Integer getHeight() {
    return height;
}

public void setHeight(Integer height) {
    Integer oldHeight = this.height;
    this.height = height;

    firePropertyChange(DefaultController.DOCUMENT_HEIGHT_PROPERTY, oldHeight, height);
}

}
```