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/*
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 */

/*
 * VistaGCGeneral.java
 *
 * Created on 23-nov-2011, 23:27:34
 */
package Vista;

import HBM.Autor;
import HBM.Dewey;
import HBM.Titulo;
import Modelo.Catalogo;
import java.util.ArrayList;
import java.util.Collection;
import java.util.Iterator;
import java.util.List;
import java.util.Set;
import javax.swing.JDesktopPane;
import javax.swing.JTable;
import javax.swing.table.DefaultTableModel;
import org.apache.commons.lang3.text.WordUtils;

/**
 *
 * @author nanohp
 */
public class VistaGCGeneral extends javax.swing.JInternalFrame implements GestionarModelo {

    VistaGFichaTitulo vGFichaTitulo;
    CatalogoTableModel catalogoTableModel;
    List<Dewey> listaCategoriasDewey;
    private JDesktopPane jDesktopPane;

    /** Creates new form VistaGCGeneral */
    public VistaGCGeneral(List<Dewey> listaCategoriasDewey, JDesktopPane jDesktopPane) {
        this.listaCategoriasDewey = listaCategoriasDewey;
        this.jDesktopPane = jDesktopPane;

        initComponents();
        inicializaComponentesPropios();
    }

    private void inicializaComponentesPropios() {
        vGFichaTitulo = new VistaGFichaTitulo(listaCategoriasDewey);
        jDesktopPane.add(vGFichaTitulo);
        jButtonMostrarFicha.setVisible(false);
    }

    // Implementacion de los metodos de 'GestionarModelo'
    @Override
    public void fijarModelo(Object object) {
        assert (object.getClass().getName().endsWith(".Catalogo")) : "fijarModelo: clase suministrada
invalida";

        catalogoTableModel = new CatalogoTableModel((Catalogo) object);
        jTableCatalogo.setModel(catalogoTableModel);
        jTableCatalogo.setAutoResizeMode(JTable.AUTO_RESIZE_ALL_COLUMNS);
    }

    @Override
    public CatalogoTableModel obtenerModelo() {
        return catalogoTableModel;
    }

    @Override
    public void limpiarModelo() {
        catalogoTableModel = null;
    }
}
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}

@Override
public void setEditable(boolean esEditable) {
    catalogoTableModel.setEditable(esEditable);
}

class CatalogoTableModel extends DefaultTableModel {

    Catalogo catalogo;
    boolean editable = true;
    Object[] encabezado = {"Código", "Nombre", "Idioma", "Autor"};
    //private Collection<Titulo> titulos;
    private ArrayList<Titulo> listaTitulos = new ArrayList<Titulo>();

    public CatalogoTableModel(Catalogo catalogo) {
        super();
        this.catalogo = catalogo;
        Collection<Titulo> titulos = catalogo.getCatalogo().values();
        Object data[][] = new Object[titulos.size()][encabezado.length];

        int i = 0;
        for (Titulo titulo : titulos) {
            int j = 0;
            // Extraemos los apellidos
            data[i][j++] = titulo.getId().getDeweyCategoriaDewey() + "-" + titulo.getId
            ().getIdApellido() + "-" + titulo.getId().getIdTitulo();
            data[i][j++] = titulo.getNombreTitulo();
            data[i][j++] = WordUtils.capitalizeFully(titulo.getIdioma6391().getIdioma6391());
            Set<Autor> autores = titulo.getAutores();
            Iterator<Autor> it = autores.iterator();
            int numAutores = autores.size();
            String autoresStr = "";
            if (numAutores > 0) {
                Autor autor = it.next();
                autoresStr = autor.getIdApellidoAutor() + ", " + autor.getNombreAutor();
                if (numAutores > 1) {
                    autoresStr += " ...";
                }
            } else {
                autoresStr = "Sin autor";
            }

            data[i][j++] = autoresStr;

            listaTitulos.add(titulo);
            i++;
        }
        setDataVector(data, encabezado);
    }

    public boolean isCellEditable(int rowIndex, int columnIndex) {
        if (!editable) {
            return false;
        } else {
            return super.isCellEditable(rowIndex, columnIndex);
        }
    }

    public void addTitulo(Titulo titulo) {
        //titulos.add(titulo);
        listaTitulos.add(titulo);
    }

    public Titulo getTitulo(int pos) {
        return listaTitulos.get(pos);
    }

    public boolean isEditable() {
        return editable;
    }
}

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    public void setEditable(boolean editable) {
        System.out.println("editable:" + editable);
        this.editable = editable;
    }
}

/** This method is called from within the constructor to
 * initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is
 * always regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code"> // GEN-BEGIN: initComponents
private void initComponents() {

    jScrollPane1 = new javax.swing.JScrollPane();
    jTableCatalogo = new javax.swing.JTable();
    jButtonAceptar = new javax.swing.JButton();
    jButtonMostrarFicha = new javax.swing.JButton();

    setClosable(true);
    setDefaultCloseOperation(javax.swing.WindowConstants.HIDE_ON_CLOSE);
    setIconifiable(true);
    setMaximizable(true);
    setResizable(true);
    setTitle("Catálogo general");
    setFrameIcon(new javax.swing.ImageIcon(getClass().getResource("/images/catalogo_20.png"))); // NOI18N

    jTableCatalogo.setModel(new javax.swing.table.DefaultTableModel(
        new Object [][] {
            {null, null, null, null},
            {null, null, null, null},
            {null, null, null, null},
            {null, null, null, null}
        },
        new String [] {
            "Title 1", "Title 2", "Title 3", "Title 4"
        }
    ));
    jTableCatalogo.addMouseListener(new java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt) {
            jTableCatalogoMouseClicked(evt);
        }
    });
    jScrollPane1.setViewportView(jTableCatalogo);

    jButtonAceptar.setText("Aceptar");
    jButtonAceptar.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButtonAceptarActionPerformed(evt);
        }
    });

    jButtonMostrarFicha.setText("Mostrar ficha");
    jButtonMostrarFicha.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButtonMostrarFichaActionPerformed(evt);
        }
    });

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addContainerGap()
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 635, Short.MAX_VALUE)
                    .addComponent(jButtonMostrarFicha, javax.swing.GroupLayout.DEFAULT_SIZE, 150, Short.MAX_VALUE)
                    .addComponent(jButtonAceptar, javax.swing.GroupLayout.DEFAULT_SIZE, 150, Short.MAX_VALUE))
                .addContainerGap())
    );
}

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        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup
()
        .addComponent(jButtonAceptar)
        .addGap(40, 40, 40)
        .addComponent(jButtonMostrarFicha)
        .addGap(220, 220, 220)))
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 221, Short.MAX_VALUE)
        .addGap(12, 12, 12)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jButtonAceptar)
            .addComponent(jButtonMostrarFicha))
        .addContainerGap())
);

pack();
} // </editor-fold> // GEN-END: initComponents

private void jButtonAceptarActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButtonAceptarActionPerformed
    setVisible(false);
} // GEN-LAST:event_jButtonAceptarActionPerformed

private void jTableCatalogoMouseClicked(java.awt.event.MouseEvent evt) { // GEN-
FIRST:event_jTableCatalogoMouseClicked
    int pos = jTableCatalogo.getSelectedRow();
    boolean visible = pos > -1 ? true : false;
    jButtonMostrarFicha.setVisible(visible);
    //vGFichaTitulo.setVisible(true);
} // GEN-LAST:event_jTableCatalogoMouseClicked

private void jButtonMostrarFichaActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
FIRST:event_jButtonMostrarFichaActionPerformed
    int filaSeleccionada = jTableCatalogo.getSelectedRow();
    System.out.println(filaSeleccionada);
    if (filaSeleccionada > -1) {
        System.out.println("--:" + catalogoTableModel.getTitulo(filaSeleccionada));
        vGFichaTitulo.fijarModelo(catalogoTableModel.getTitulo(filaSeleccionada));
        vGFichaTitulo.setEditable(false);
        vGFichaTitulo.setVisible(true);
    }
} // GEN-LAST:event_jButtonMostrarFichaActionPerformed
// Variables declaration - do not modify // GEN-BEGIN:variables
private javax.swing.JButton jButtonAceptar;
private javax.swing.JButton jButtonMostrarFicha;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTableCatalogo;
// End of variables declaration // GEN-END:variables
}

```