// Classe: Exemplo03.java

// Projeto 01

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import javax.swing.JOptionPane;

import java.awt.\*;

import java.awt.event.\*;

public class Proj02 extends Frame implements ActionListener

{

MenuBar bMenu;

Menu menu1, menu2, menu3, menu4;

MenuItem m1, m2, m3, m4, m5, m6, m7, m8, m9, m10, m11, m12, m13, m14, m15, m16, m17, m18, m19, m20, m21, m22;

public Proj02()

{

setTitle("Exercício com utilização de Menu");

setResizable(false);

setSize(800,600);

setLocation(100,100);

setBackground(Color.yellow);

setLayout(null);

menu1 = new Menu("Cadastrar");

m1 = new MenuItem("Curso");

m1.addActionListener(this);

m2 = new MenuItem("Disciplina");

m2.addActionListener(this);

m3 = new MenuItem("Aluno");

m3.addActionListener(this);

m4 = new MenuItem("Professor");

m4.addActionListener(this);

menu1.add(m1);

menu1.add(m2);

menu1.add(m3);

menu1.add(m4);

menu2 = new Menu("Mostrar");

m5 = new MenuItem("Cursos");

m5.addActionListener(this);

m6 = new MenuItem("Disciplinas");

m6.addActionListener(this);

m7 = new MenuItem("Aluno");

m7.addActionListener(this);

m8 = new MenuItem("Professores");

m8.addActionListener(this);

m9 = new MenuItem("Cursos/Professores");

m9.addActionListener(this);

m10 = new MenuItem("Cursos/Disciplinas");

m10.addActionListener(this);

m11 = new MenuItem("Professores/Disciplinas");

m11.addActionListener(this);

m12 = new MenuItem("Aluno/Disciplina");

m12.addActionListener(this);

menu2.add(m5);

menu2.add(m6);

menu2.add(m7);

menu2.add(m8);

menu2.addSeparator();

menu2.add(m9);

menu2.add(m10);

menu2.add(m11);

menu2.add(m12);

menu3 = new Menu("Manutenção");

m13 = new MenuItem("Curso");

m13.addActionListener(this);

m14 = new MenuItem("Disciplina");

m14.addActionListener(this);

m15 = new MenuItem("Aluno");

m15.addActionListener(this);

m16 = new MenuItem("Professor");

m16.addActionListener(this);

menu3.add(m13);

menu3.add(m14);

menu3.add(m15);

menu3.add(m16);

menu4 = new Menu("SAIR");

m21 = new MenuItem("SAIR");

m21.addActionListener(this);

menu4.add(m21);

bMenu = new MenuBar();

bMenu.add(menu1);

bMenu.add(menu2);

bMenu.add(menu3);

bMenu.add(menu4);

setMenuBar(bMenu);

}

public void actionPerformed(ActionEvent e)

{

if(e.getSource() == m21)

System.exit(0);

String evento = null;

if( e.getSource() == m1 )

{

Proj021 obj = new Proj021();

obj.setVisible(true);

}

else if( e.getSource() == m2 )

{

Proj022 obj = new Proj022();

obj.setVisible(true);

}

else if( e.getSource() == m3 )

{

Proj023 obj = new Proj023();

obj.setVisible(true);

}

else if( e.getSource() == m4 )

{

Proj024 obj = new Proj024();

obj.setVisible(true);

}

else if( e.getSource() == m5 )

{

Proj025 obj = new Proj025();

obj.setVisible(true);

}

else if( e.getSource() == m6 )

{

Proj026 obj = new Proj026();

obj.setVisible(true);

}

else if( e.getSource() == m7 )

{

Proj027 obj = new Proj027();

obj.setVisible(true);

}

else if( e.getSource() == m8 )

{

Proj028 obj = new Proj028();

obj.setVisible(true);

}

else if( e.getSource() == m9 )

{

Proj029 obj = new Proj029();

obj.setVisible(true);

}

else if( e.getSource() == m10 )

{

Proj03 obj = new Proj03();

obj.setVisible(true);

}

else if( e.getSource() == m11 )

{

Proj031 obj = new Proj031();

obj.setVisible(true);

}

else if( e.getSource() == m12 )

{

Proj032 obj = new Proj032();

obj.setVisible(true);

}

else if( e.getSource() == m22 )

{

Proj034Disc obj = new Proj034Disc();

obj.setVisible(true);

}

else if( e.getSource() == m13 )

evento = "Alterar Curso";

else if( e.getSource() == m14 )

evento = "Excluir Curso";

else if( e.getSource() == m15 )

evento = "Alterar Disciplina";

else if( e.getSource() == m16 )

evento = "Excluir Disciplina";

else if( e.getSource() == m17 )

evento = "Alterar Aluno";

else if( e.getSource() == m18 )

evento = "Excluir Aluno";

else if( e.getSource() == m19 )

evento = "Alterar Professor";

else if( e.getSource() == m20 )

evento = "Excluir Professor";

}

public boolean handleEvent1(Event e)

{

if (e.id == Event.WINDOW\_DESTROY)

System.exit(0);

return (super.handleEvent(e));

}

public static void main(String arg[])

{

new Proj02().setVisible(true);

}

}