**JAVA\_RECIVER**

* **package entity**

@XmlRootElement

@XmlType(propOrder= {"ma" , "ten" , "tuoi" ,"canNang","gioiTinh" , "nguoiChamSoc" , "ngayDen"})

* **Tương tự của Sender : source get/set + annotaion set + constructor + toString**

**public** Person() {**super**();};

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* **package helper**

**public** **class** XMLConvert<T> {

**Mô hình point to point ( slide/21)** }

**---------------------------------------------------------------------------**

* **package** app

**public** **class** QueueReceiver {

**public** **static** **void** main(String[] args) **throws** Exception { Slise/24

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**public** **void** onMessage(Message msg)

**try** {**if** (msg **instanceof** TextMessage) {

TextMessage tm = (TextMessage) msg;

String txt = tm.getText();

System.***out***.println("Nhận được " + txt);

Person p = **new** Person();

String xml = txt+"";

Person ps = **new** XMLConvert<Person>(p).xml2Object(xml); System.***out***.println(ps);

msg.acknowledge();// gửi tín hiệu ack

} **else** **if** (msg **instanceof** ObjectMessage) {

}} **catch** (Exception e) {

e.printStackTrace();}

}});}

}

**--------------------------------------**

**public** **class** App **extends** JFrame {

**private** **static** **final** Exception ***Exception*** = **null**;

JComboBox comboBox;

**private** JPanel contentPane;

**private** JTextField txtMa,txtTen,txtTuoi,txtCanNang,textField\_5;

**private** JTable table;DefaultTableModel model = **new** DefaultTableModel(6, 7);

JRadioButton nam;

**public** **static** String *email*;

**public** **static** **void** main(String[] args) {

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

App frame = **new** App();

frame.setVisible(**true**);

System.***out***.println(*email*);

} **catch** (Exception e) {

e.printStackTrace();

}}});}

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**public** App() {

setTitle("Form\_Recievr");

setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

setBounds(100, 100, 930, 540);

contentPane = **new** JPanel();

contentPane.setBorder(**new** EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

contentPane.setLayout(**null**);

JLabel lblNewLabel = **new**JLabel("RECIVER");

lblNewLabel.setBounds(350, 24, 117, 42);

lblNewLabel.setHorizontalAlignment(SwingConstants.***CENTER***);

lblNewLabel.setFont(**new** Font("Times New Roman", Font.***BOLD***, 25));

contentPane.add(lblNewLabel);

JLabel lblNewLabel\_1 = **new** JLabel("Mã gửi : ");

lblNewLabel\_1.setBounds(49, 71, 117, 33);

lblNewLabel\_1.setFont(**new** Font("Times New Roman", Font.***BOLD***, 20));

contentPane.add(lblNewLabel\_1);

JLabel lblTnNgiGi = **new** JLabel("Tên người gửi :");

lblTnNgiGi.setBounds(49, 114, 145, 33);

lblTnNgiGi.setFont(**new** Font("Times New Roman", Font.***BOLD***, 20));

contentPane.add(lblTnNgiGi);

JLabel lblTui = **new** JLabel("Tuổi: ");

lblTui.setBounds(49, 157, 145, 31);

lblTui.setFont(**new** Font("Times New Roman", Font.***BOLD***, 20));

contentPane.add(lblTui);

JLabel lblCnNng = **new** JLabel("Cân nặng:");

lblCnNng.setBounds(49, 198, 145, 35);

lblCnNng.setFont(**new** Font("Times New Roman", Font.***BOLD***, 20));

contentPane.add(lblCnNng);

JLabel lblNgiChmSc = **new** JLabel("Người chăm sóc:");

lblNgiChmSc.setBounds(49, 243, 145, 31);

lblNgiChmSc.setFont(**new** Font("Times New Roman", Font.***BOLD***, 20));

contentPane.add(lblNgiChmSc);

JLabel lblNgyn = **new** JLabel("Ngày đến:");

lblNgyn.setBounds(49, 327, 145, 33);

lblNgyn.setFont(**new** Font("Times New Roman", Font.***BOLD***, 20));

contentPane.add(lblNgyn);

txtMa = **new** JTextField();

txtMa.setBounds(202, 71, 550, 33);

txtMa.setColumns(10);

contentPane.add(txtMa);

txtTen = **new** JTextField();

txtTen.setBounds(202, 115, 550, 33);

txtTen.setColumns(10);

contentPane.add(txtTen);

txtTuoi = **new** JTextField();

txtTuoi.setBounds(204, 158, 548, 33);

txtTuoi.setColumns(10);

contentPane.add(txtTuoi);

txtCanNang = **new** JTextField();

txtCanNang.setBounds(202, 201, 550, 33);

txtCanNang.setColumns(10);

contentPane.add(txtCanNang);

textField\_5 = **new** JTextField();

textField\_5.setBounds(200, 329, 552, 33);

textField\_5.setColumns(10);

contentPane.add(textField\_5);

===========================

DefaultTableModel model = **new** DefaultTableModel(0, 7);

table = **new** JTable(model);

JComboBox comboBox = **new** JComboBox();

comboBox.setBounds(202, 244, 550, 33);

comboBox.setFont(**new** Font("Times New Roman", Font.***BOLD***, 17));

comboBox.setBackground(SystemColor.***text***);

comboBox.setForeground(Color.***BLACK***);

List<String> list = **new** ArrayList<String>();

list.add("Y tá số 1");

list.add("Y tá số 2");

list.add("Y tá số 3");

list.add("Y tá số 4");

**for** (String s : list) {

comboBox.addItem(s);

contentPane.add(comboBox);

JLabel lblNewLabel\_6\_1 = **new** JLabel("Giới tính: ");

lblNewLabel\_6\_1.setBounds(49, 284, 145, 33);

blNewLabel\_6\_1.setFont(**new** Font("Times New Roman", Font.***BOLD***, 20));

contentPane.add(lblNewLabel\_6\_1);

JRadioButton nam = **new** JRadioButton("Nam");

nam.setBounds(273, 290, 103, 21);

nam.setFont(**new** Font("Times New Roman", Font.***PLAIN***, 20));

ButtonGroup G = **new** ButtonGroup();

G.add(nam);

contentPane.add(nam);

JRadioButton nu = **new** JRadioButton("Nữ");

nu.setBounds(418, 290, 103, 21);

nu.setFont(**new** Font("Times New Roman", Font.***PLAIN***, 20));

G.add(nu);

contentPane.add(nu);

==========Load du lieu len bang=========== table.addMouseListener(**new** MouseAdapter() {@Override

**public** **void** mouseClicked(MouseEvent e) {

**int** row = table.getSelectedRow(); txtMa.setText(table.getValueAt(row, 0).toString());

txtTen.setText(table.getValueAt(row, 1).toString()); txtTuoi.setText(table.getValueAt(row, 2).toString()); txtCanNang.setText(table.getValueAt(row, 3).toString()); comboBox.setSelectedItem(table.getValueAt(row, 4).toString());

**if** (**true**) nam.setSelected(**true**); textField\_5.setText(table.getValueAt(row, 6).toString());

}

});

table.setBounds(206, 372, 550, 110);

contentPane.add(table);

//

**Try{ slide/24**

System.***out***.println("Tý was listened on queue...");

receiver.setMessageListener(**new** MessageListener() {

@Override

// có message đến queue, phương thức này được thực thi

**public** **void** onMessage(Message msg) {// msg là message nhận được

**try** {

**if** (msg **instanceof** TextMessage) { TextMessage tm = (TextMessage) msg;

String txt = tm.getText(); System.***out***.println("Nhận được " + txt);

Person p = **new** Person();

String xml = txt + "";

Person ps = **new** XMLConvert<Person>(p).xml2Object(xml);

String gioiTinh; **if** (ps.isGioiTinh()) gioiTinh = "nam"; **else**

gioiTinh = "nu";

Object[] rowData = { ps.getMa() + "", ps.getTen(), ps.getTuoi() + "",

ps.getCanNang() + "", ps.getNguoiChamSoc(), gioiTinh, ps.getNgayDen().toString()}; model.addRow(rowData); table.setModel(model); contentPane.add(table); System.***out***.println(ps);

msg.acknowledge();// gửi tín hiệu ack

} **else** **if** (msg **instanceof** ObjectMessage) { } } **catch** (Exception e) {

e.printStackTrace();

}}

});

}

**catch** (Exception e2) {

// **TODO**: handle exception }}

}

}