

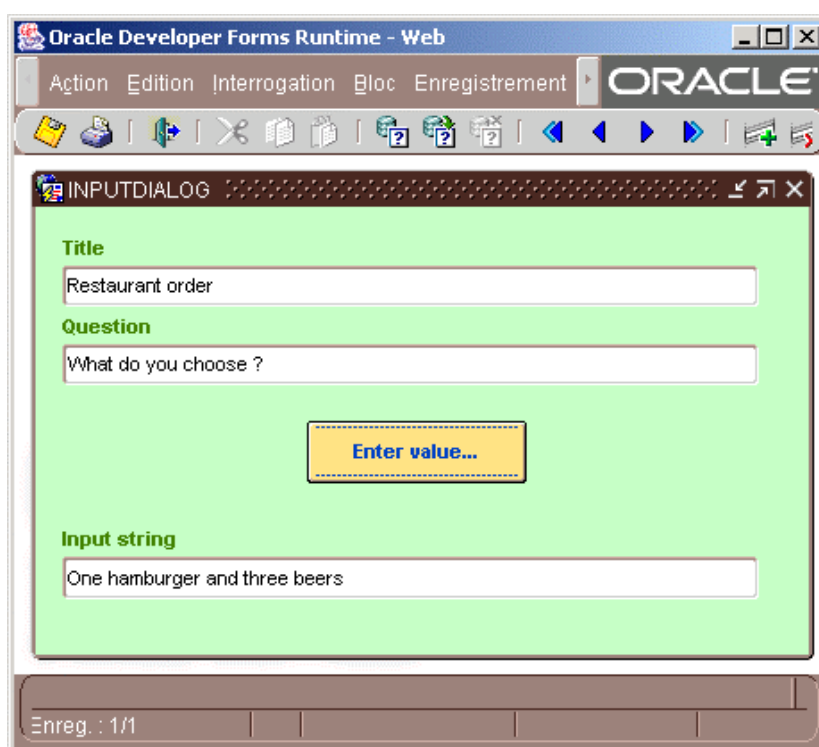
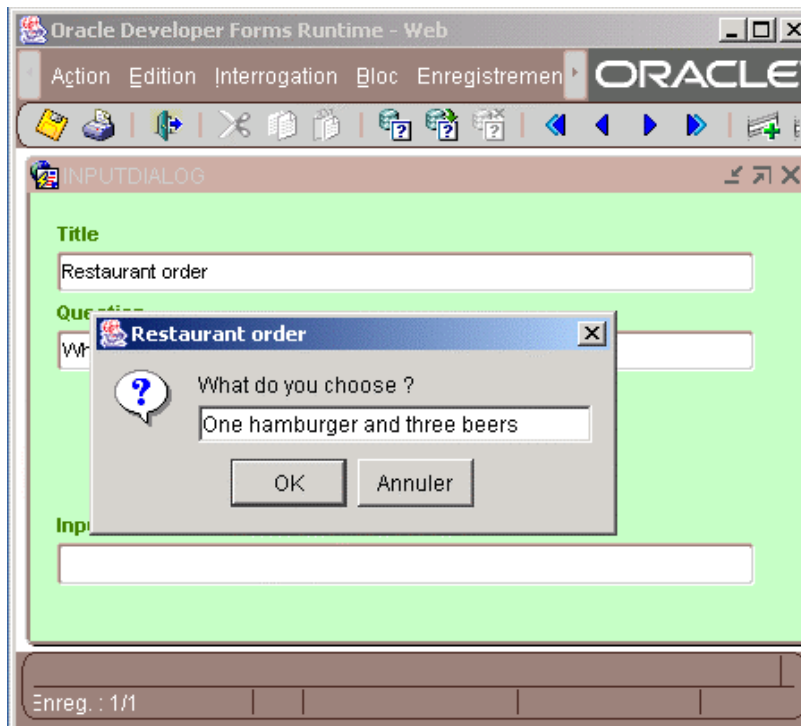
Oracle Forms – Javabeau

A java input dialog box

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1. Purpose

This is a Javabeau component that allow to enter a value from an input dialog box



2. The Javabean

```

package oracle.forms.fd;

import oracle.forms.handler.IHandler;
import oracle.forms.properties.ID;
import oracle.forms.ui.VBean;
import javax.swing.JOptionPane;

/**
 * A javabean input dialog box for Oracle Forms
 *
 * @author Francois Degrelle
 * @version 1.0
 */

public class InputDialog extends VBean {

    static String title = "" ;
    static String text = "" ;
    static String result = "" ;
    static int icon = JOptionPane.QUESTION_MESSAGE ;

    private IHandler mHandler;
    private static final ID pSetTitle = ID.registerProperty("SETTITLE");
    private static final ID pSetText = ID.registerProperty("SETTEXT");
    private static final ID pGetString = ID.registerProperty("GETSTRING");

    public InputDialog() {
        super();
        try
        {
            UIManager.setLookAndFeel(UIManager.getSystemLookAndFeelClassName());
            SwingUtilities.updateComponentTreeUI(this);
        }
        catch (Exception ex)
        {
            ex.printStackTrace();
        }
    }

    public void init(IHandler handler) {
        super.init(handler);
        mHandler = handler;
    }

    /**
     * Set the properties from Forms
     */
    public boolean setProperty(ID id, Object value) {
        if (id == pSetTitle) { /** Set the title */
            title = (String)value ;
            return true;
        }
        else if (id == pSetText) { /** Set the message and display the dialog box */
            text = (String)value ;
            result = ShowDialog();
            return true;
        }
        else {
            return true;
        }
    }

    /**
     * Get the result string from Forms
     */
    public Object getProperty(ID pId)
    {
        if (pId == pGetString)
        {
            return "" + result ;
        }
        else
        {

```

```

    return super.getProperty(pId);
} // getProperty()

/**
 * Display the dialog box
 */
public static String ShowDialog() {

    String sReturn = "" ;
    sReturn = JOptionPane.showInputDialog(null, text, title, icon);
    if( sReturn == null ) return "" ;
    else return sReturn ;

}
}

```

3. Forms configuration

- Copy the **inputdialog.jar** file in the /forms/java directory
- Edit the **/forms/server/formsweb.cfg** file to add the jar file to the **archive_jinit** variable
`archive_jini=f90all_jinit.jar,.....,inputdialog.jar`

4. How to implement this bean in your own form

- Open your form
- Add a Javabeen component to any block
- Set its **Implementation class property** to : **oracle.forms.fd.InputDialog**

5. The properties that can be sent to the bean

- **The title of the message box**

```
Set_Custom_Property( 'BLOCK.BEAN_ITEM', 'SETTITLE', 'the_title' ) ;
```

- **The text of the message box**

```
Set_Custom_Property( 'BLOCK.BEAN_ITEM', 'SETTEXT', 'the_text' ) ;
```

6. The properties that can be read from the bean

- **The returned string**

```
:BLK.ITEM := Get_Custom_Property( ' BLOCK.BEAN_ITEM', 1, 'GETSTRING' ) ;
```

7. The sample dialog

- [Download the inputdialog.zip file](#)
- Unzip the **inputdialog.zip** file
- Copy the inputdialog.jar file in your **/forms/java/** directory
- Edit your **/forms/server/formsweb.cfg** file
- Open the **inputdialog.fmb** module (Oracle Forms 9.0.2)
- Compile all and run the module

This dialog allows to enter the title and the question of the dialog box

The code that shows the input dialog box is located in the **When-Button-Pressed** trigger

```
-- Set the title --  
Set_Custom_Property( 'CTRL.DIALOG', 1, 'SETTITLE', :CTRL.TITLE ) ;  
-- Set the text and show the input dialog box --  
Set_Custom_Property( 'CTRL.DIALOG', 1, 'SETTEXT', :CTRL.QUESTION ) ;  
-- Get the input string --  
:CTRL.TEXT := Get_Custom_Property( 'CTRL.DIALOG', 1, 'GETSTRING' ) ;
```