

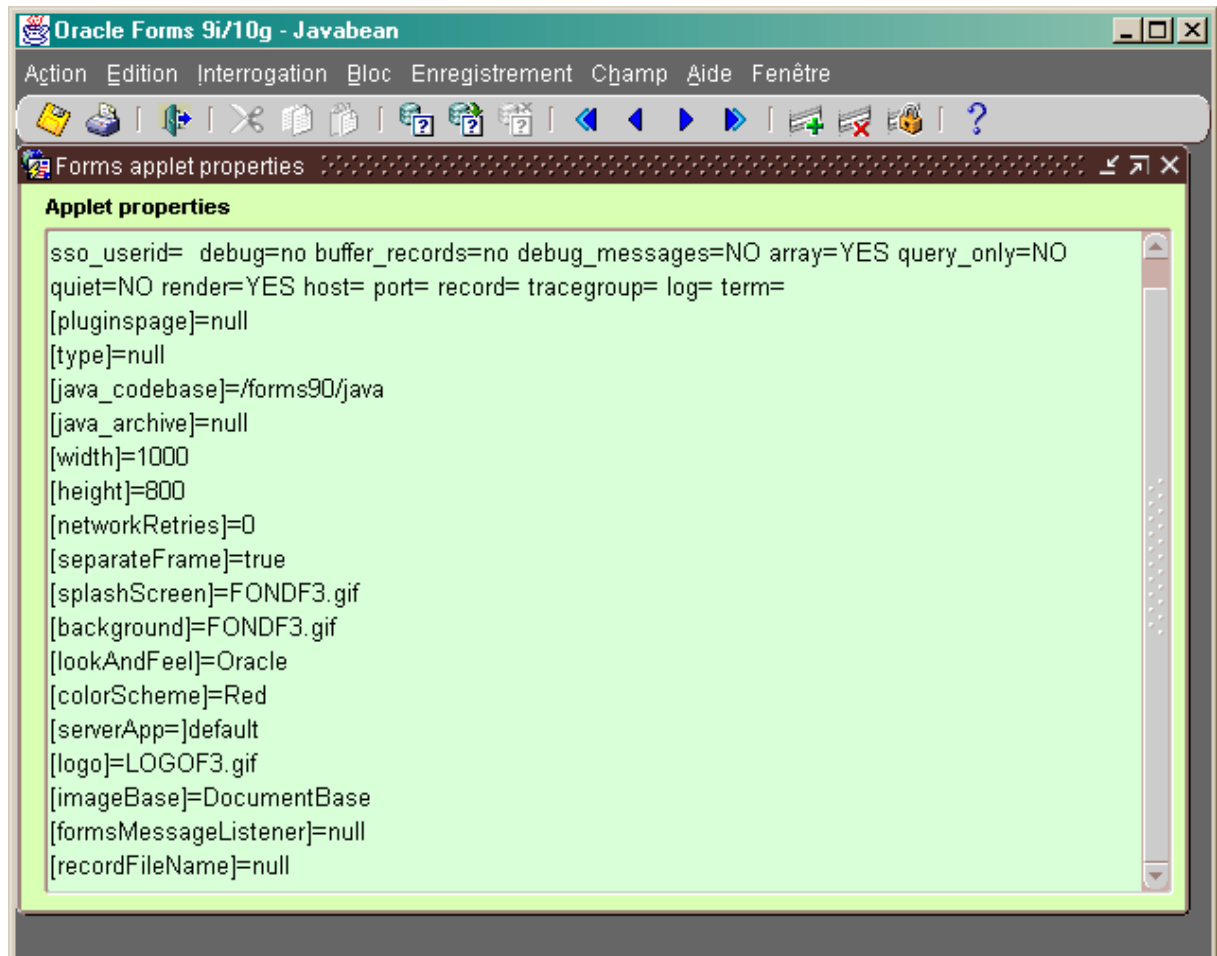
Oracle Forms – Javabeen

A Javabeen to retrieve the Forms applet parameters

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1. Purpose

This is a Javabeen component that allows to retrieve the Forms applet parameters.



2. The Javabeen

```

package oracle.forms.fd;

import oracle.forms.engine.Main;
import oracle.forms.handler.IHandler;
import oracle.forms.properties.ID;
import oracle.forms.ui.VBean;
import oracle.forms.engine.*;
import oracle.forms.handler.*;
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;

/**
 * Javabeen that displays the Forms applet parameters
 *
 * @author Francois Degrelle
 */

public class AppletProperties extends VBean
{
    protected static final ID pGetInfos = ID.registerProperty("GET_INFOS");

    /*
     * Variables
     */
    private IHandler mHandler = null; // Forms Handler
    private String sInfos = null; // return string

    // default constructor
    public AppletProperties()
    {
    }

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

        sInfos = "[serverArgs]="+mHandler.getApplet().getParameter("serverArgs")+"\n";
        sInfos+="[pluginspage]="+mHandler.getApplet().getParameter("jinit_download_page")+"\n";
        sInfos+="[type]="+mHandler.getApplet().getParameter("jinit_mimetype")+"\n";
        sInfos+="[java_codebase]="+mHandler.getApplet().getParameter("codebase")+"\n";
        sInfos+="[java_archive]="+mHandler.getApplet().getParameter("archive_jini")+"\n";
        sInfos+="[width]="+mHandler.getApplet().getParameter("Width")+"\n";
        sInfos+="[height]="+mHandler.getApplet().getParameter("Height")+"\n";
        sInfos+="[serverURL]="+mHandler.getApplet().getParameter("serverURL")+"\n";
        sInfos+="[networkRetries]="+mHandler.getApplet().getParameter("networkRetries")+"\n";
        sInfos+="[separateFrame]="+mHandler.getApplet().getParameter("separateFrame")+"\n";
        sInfos+="[splashScreen]="+mHandler.getApplet().getParameter("splashScreen")+"\n";
        sInfos+="[background]="+mHandler.getApplet().getParameter("background")+"\n";
        sInfos+="[lookAndFeel]="+mHandler.getApplet().getParameter("lookAndFeel")+"\n";
        sInfos+="[colorScheme]="+mHandler.getApplet().getParameter("colorScheme")+"\n";
        sInfos+="[serverApp]="+mHandler.getApplet().getParameter("serverApp")+"\n";
        sInfos+="[logo]="+mHandler.getApplet().getParameter("logo")+"\n";
        sInfos+="[imageBase]="+mHandler.getApplet().getParameter("imageBase")+"\n";

        sInfos+="[formsMessageListener]="+mHandler.getApplet().getParameter("formsMessageListener")+"\n";
        sInfos+="[recordFileName]="+mHandler.getApplet().getParameter("recordFileName");

    }

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

```

```

    return super.getProperty(pId);
  }
}

```

3. Forms configuration

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

4. How to implement this bean in your own form

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

5. The properties that can be read from the bean

- **The string that contains the applet parameters**

```
Get_Custom_Property( 'BLOC.BEAN', 1, 'GET_INFOS' );
```

6. The sample dialog

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