

## Configuring INB for Banner 7x

### NOTE:

- All OAS 10g configurations should be done using Internet Explorer 6.0.
- Banner 7.1 or higher is required to receive ALL of the below JAR files.

### Pre-installation Tasks

Binary copy the jar files in the *\$BANNER\_HOME/general/java* to the *\$ORACLE\_HOME/forms90/java* directory.

The JAR files are:

- banspecial.jar
- bannerui.jar
- bannersso.jar
- banicons.jar
- banorep.jar

Copy the *\$ORACLE\_HOME/forms90/server/default.env* to *\$ORACLE\_HOME/forms90/server/SID.env*

Backup the current *fmrweb.res* file in *\$ORACLE\_HOME/forms90/admin/resource/US/*.

ASCII copy the *\$BANNER\_HOME/install/fmrpcweb.res* file to *\$ORACLE\_HOME/forms90/admin/resource/US/* and rename to *fmrweb.res*.

## INSTRUCTIONS FOR INSTALLING Jinitiator 1.3.1.21

1. Connect to <ftp.usg.edu> using your institution's ID and password.
  - Navigate to the *banner/prod/oracle/jinit/*
  - Download the following executable file: *jinit13121.exe*
2. Transfer to server being updated.
3. Review *readme.html*.
4. Make backup copy of *\$ORACLE\_HOME/jinit* directory or just backup the files you will change
5. Change directory to: *\$ORACLE\_HOME/jinit*
6. Copy "jinit13121.exe" from stage location to *\$ORACLE\_HOME/jinit*
7. Change directory to: *us*
8. Backup the *jinit-version.ini* & *jinit\_download.htm* file
9. EDIT *jinit-version.ini*

- a. object\_classid=clsid:CAFECAFE-0013-0001-0021-ABCDEFABCDEF  
object\_executable=jinit13121.exe#Version=1,3,1,21 mimetype=application/x-jinit-applet;version=1.3.1.21

10. EDIT jinit\_download.htm file replacing all occurrences of JInitiator 1.3.1.18 with JInitiator 1.3.1.21

11. EDIT jinit\_tags.htm file replacing all occurrences of JInitiator 1.3.1.18 with JInitiator 1.3.1.21 and jinit13118 with jinit13121.exe

12. LOGIN to console.

- a. Click on FORMS
- b. Click on Configuration Tab.

## Create a Banner 7 directory

For example on UNIX, create an id (eg: ban7).

Create a FMXS directory on your FORMS web server to hold the Banner forms.

Example: /u01/ban7/fmb/fmx

Make your current sqlnet.ora and tnsnames.ora is in your \$ORACLE\_HOME/network/admin for FORMS.

In order to generate forms place these in a shell file and run prior to trying to generating Forms

```
ORAENV_ASK=YES;export ORAENV_ASK
./oracle/local/bin/oraenv
TWO_TASK=${ORACLE_SID}.domain-name;export TWO_TASK
FORMS90_PATH=${BANNER_HOME}/webfmxs; export FORMS90_PATH
BAN_FMXS=${BANNER_HOME}/webfmxs;export BAN_FMXS
TERM=vt220; export TERM
ORACLE_BASE=/oracle/product;export ORACLE_BASE
ORACLE_HOME=$ORACLE_BASE/forms9.0.4;export ORACLE_HOME
ORACLE_TERM=vt220;export ORACLE_TERM
PATH=${PATH}:$HOME:$ORACLE_HOME/bin;export PATH
JDK=$ORACLE_HOME/jdk/jre/lib;export JDK
SHLIB_PATH=$ORACLE_HOME/lib32:$JDK/PA_RISC/native_threads:$JDK/PA_RISC/server:$JDK:$ORACLE_HOME/lib32;export SHLIB_PATH
LD_LIBRARY_PATH=$ORACLE_HOME/lib:$JDK/PA_RISC/native_threads:$JDK/PA_RISC/server:$JDK:$ORACLE_HOME/lib;export LD_LIBRARY_PATH
TNS_ADMIN=$ORACLE_HOME/network/admin;export TNS_ADMIN
ORA_NLS33=$ORACLE_HOME/ocommon/nls/admin/data
NLS_LANG=AMERICAN_AMERICA.WE8ISO8859P1;export NLS_LANG
```

Once this has been done find the mass form shell script for each module.

Example:

- genform.shl.
- genform2.shl
- resform.shl
- tasform.shl
- stuform.shl
- comform.shl
- GaMod shell script has to be created. (example: zgenform7.shl)

NOTE: Make sure current libraries and pll's have been move to your form generation directory. After generating is finished, move the FMXS to the webfmxs directory

## Administration URL

Now login in to Admin URL.

In your ORACLE\_HOME for your INB install go to directory \$ORACLE\_HOME/install. Review the file "*setupinfo.txt*". Inside that file will be the admin URL for INB configuration.

Sample of file contents:

The following information is available in:  
/oracle/product/ias9.0.4/install/setupinfo.txt

-----  
Useful Links:

Welcome Page (non-SSL)	<a href="http://mymachinename:7778">http://mymachinename:7778</a>
Welcome Page (SSL):	<a href="https://mymachinename:4443">https://mymachinename:4443</a>
Web Cache:	<a href="http://mymachinename:4000">http://mymachinename:4000</a>
Portal:	<a href="http://mymachinename:7778/pls/portal">http://mymachinename:7778/pls/portal</a>

You can manage and monitor Oracle Application Server using Oracle Enterprise Manager Server Control from:

<http://mymachinename:1811>

Login as ias\_admin with the password you provided during installation.

-----  
Key the found url in your web browser i.e. <http://mymachinename:1811>



User name is *“ias\_admin”*

Password will be the password keyed in during the installation. After username and password key in the following screen will appear.

- Click on the **FORMS** options.

**System Components**

Select Name	Status	Start Time	CPU Usage (%)	Memory Usage (MB)
<input checked="" type="checkbox"/> Forms	↑	Dec 8, 2005 4:03:07 PM	0.00	0.00
<input type="checkbox"/> home	↑	Dec 31, 1969 7:00:00 PM	0.00	0.00
<input type="checkbox"/> HTTP_Server	↑	Dec 8, 2005 4:03:01 PM	0.00	43.24
<input type="checkbox"/> OC4J_BI_Forms	↑	Dec 8, 2005 4:03:07 PM	0.00	40.00
<input type="checkbox"/> Reports_Server_rep_coke	↑	N/A	N/A	N/A
<input type="checkbox"/> Web Cache	↑	Dec 31, 1969 7:00:00 PM	0.00	44.58
<input type="checkbox"/> Management	↑	Dec 8, 2005 3:57:27 PM	0.34	379.42

## Configuration and Environment Setup

- Next click on the **CONFIGURATION** options.

ORACLE Enterprise Manager 10g  
Application Server Control

Application Server: > Forms

Forms

Overview [User Sessions](#) [Configuration](#) [Environment](#) [Forms Utility](#)

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**General**

New Connections Enabled Status **Up** Yes [Enable](#) [Disable](#)

**CPU Usage**

Forms (0%)  
Idle (96%)  
Other (4%)

**Memory Usage**

Forms (0%)  
Free (55%)  
Other (45%)

**Forms Services Configuration**

Servlet URL <http://coke.bor.usg.edu:7778/forms90/190servlet>  
Oracle Home [/oracle/product/forms9.0.4](#)

**Response and Load**

Response Time (ms)  
User Sessions

Overview [User Sessions](#) [Configuration](#) [Environment](#) [Forms Utility](#)

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[About Oracle Enterprise Manager 10g Application Server Control](#)

[Logs](#) | [Preferences](#) | [Help](#)

- Check **DEFAULT** then click on **DUPLICATE** and then click OK.

- (If setting up more than one database click on EDIT and go to **Add multiple Sections and Environments for different databases**)

Forms

Overview User Sessions **Configuration** Environment Forms Utility

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View Forms Web Configuration Go

Create New Section Revert Apply Duplicate Edit Delete

Select Section	Description
<input checked="" type="radio"/> default	\$Id: formsweb.cfg,v 1.24 2003/08/22 01:07:35 pkuhn Exp \$ formsweb.cfg defines parameter values used by the FormsServlet (f90servlet) This section defines the Default settings. Any of them may be overridden in the following Named Configuration sections. If they are not overridden, then the
<input type="radio"/> sepwin	Example Named Configuration Section Example 1: configuration to run forms in a separate browser window with "generic" look and feel (include "config=sepwin" in the URL) You may define your own specific, named configurations (sets of parameters)
<input type="radio"/> ienative	Example Named Configuration Section Example 2: configuration affecting users of MicroSoft Internet Explorer 5.x. Forms applet will run under the browser's native JVM rather than using Oracle JInitiator.
<input type="radio"/> jpi	Example Named Configuration Section Example 3: configuration forcing use of the Java Plugin in all cases (even if the client browser is on Windows)
	Example Named Configuration Section

- Name the section your **SID\_NAME** then click OK.

ORACLE Enterprise Manager 10g

Application Server Control

Logs Preferences Help

Application Server: FORMS904.coke.bor.usg.edu > Forms > Forms New Section Name

Forms Duplicate Section

Enter the new Section Name for the duplicate section

Cancel OK


Logs Preferences Help

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About Oracle Enterprise Manager 10g Application Server Control

- The forms screen appears scroll down to see your new create section. Select it click on EDIT.

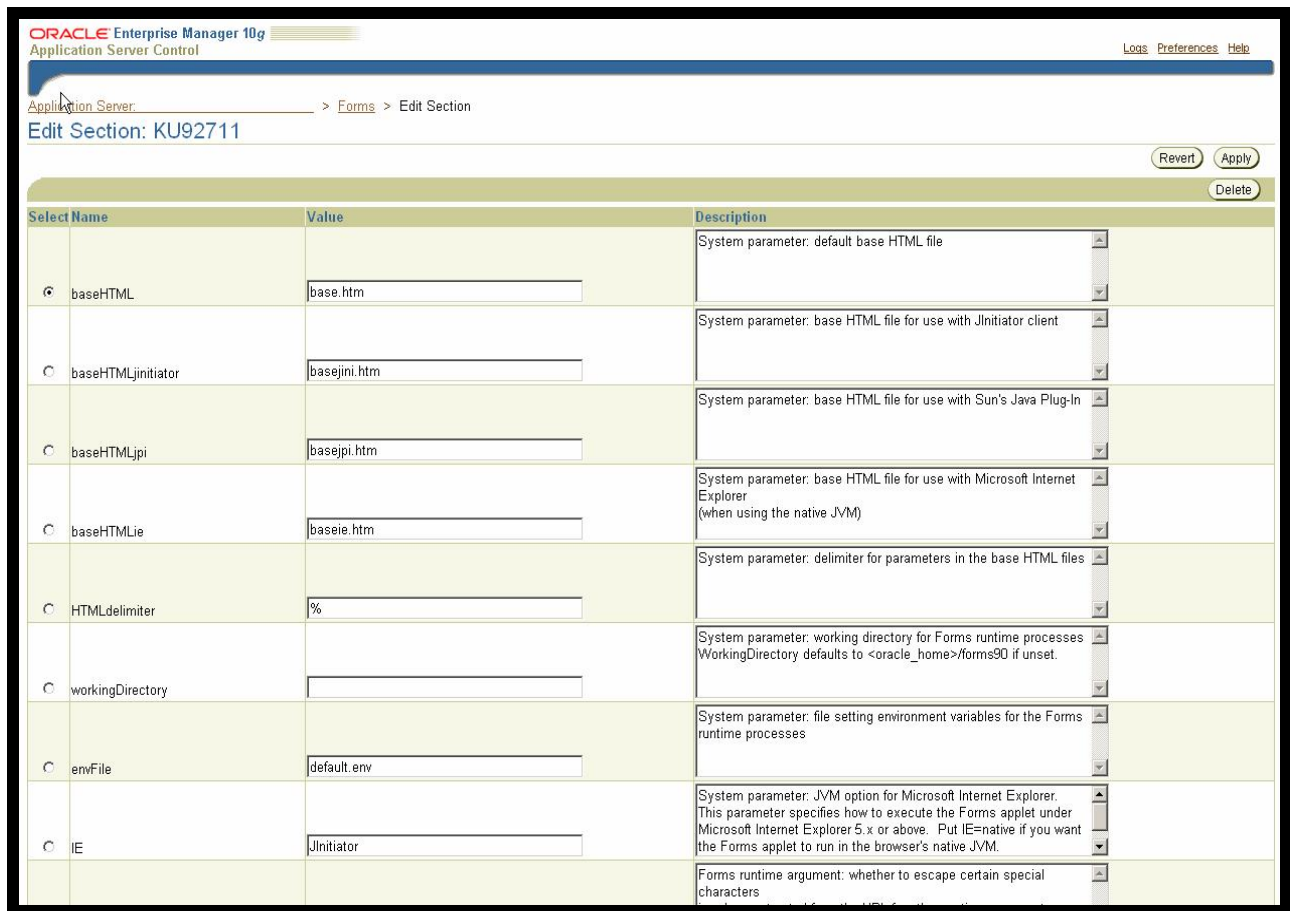
# Forms

[Overview](#) [User Sessions](#) **[Configuration](#)** [Environment](#) [Forms Utility](#)

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View

Select Section	Description
<input checked="" type="radio"/> default	<pre>!Id: formsweb.cfg,v 1.24 2003/08/22 01:07:35 pkuhn Exp \$</pre> formsweb.cfg defines parameter values used by the FormsServlet (FormsServlet) This section defines the Default settings. Any of them may be overridden in the following Named Configuration sections. If they are not overridden, then the
<input type="radio"/> sepwin	Example Named Configuration Section Example 1: configuration to run forms in a separate browser window with "generic" look and feel (include "config=sepwin" in the URL) You may define your own specific, named configurations (sets of parameters)
<input type="radio"/> ienative	Example Named Configuration Section Example 2: configuration affecting users of MicroSoft Internet Explorer 5.x. Forms applet will run under the browser's native JVM rather than using Oracle JInitiator.
<input type="radio"/> jpi	Example Named Configuration Section Example 3: configuration forcing use of the Java Plugin in all cases (even if the client browser is on Windows)
	Example Named Configuration Section



- "envFile" - change default.env to *SID.ENV* (this is the file you created earlier)
- "form" - change test.fmx to guainit.fmx
- "imageBase" - change from DocumentBase to codeBase
- "width" - change from 750 to 1040
- "height" - change from 600 to 738
- "separateFrame" - change from false to true
- "splashScreen" - change from blank to no
- "background" - change from blank to no
- "colorScheme" - change from teal to blaf
- "logo" - change from blank to no
- "archive\_jini" - change from f90all\_jinit.jar TO  
banicons.jar, bannerui.jar, banspecial.jar, banorep.jar, f90all\_jinit.jar



- "archive" - change from f90all.jar TO banicons.jar,bannerui.jar,banspecial.jar,banorep.jar,f90all.jar
- "networkRetries" - change from 0 to 30

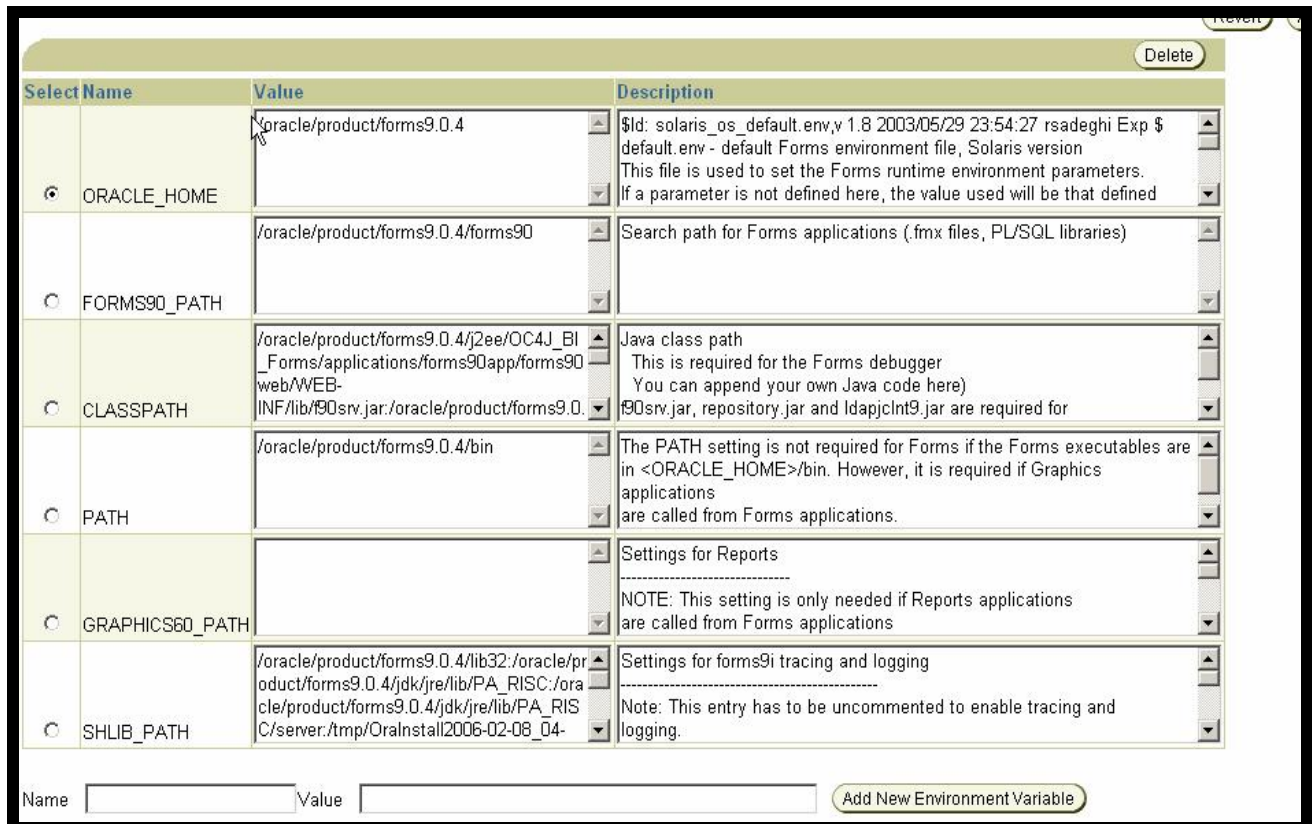
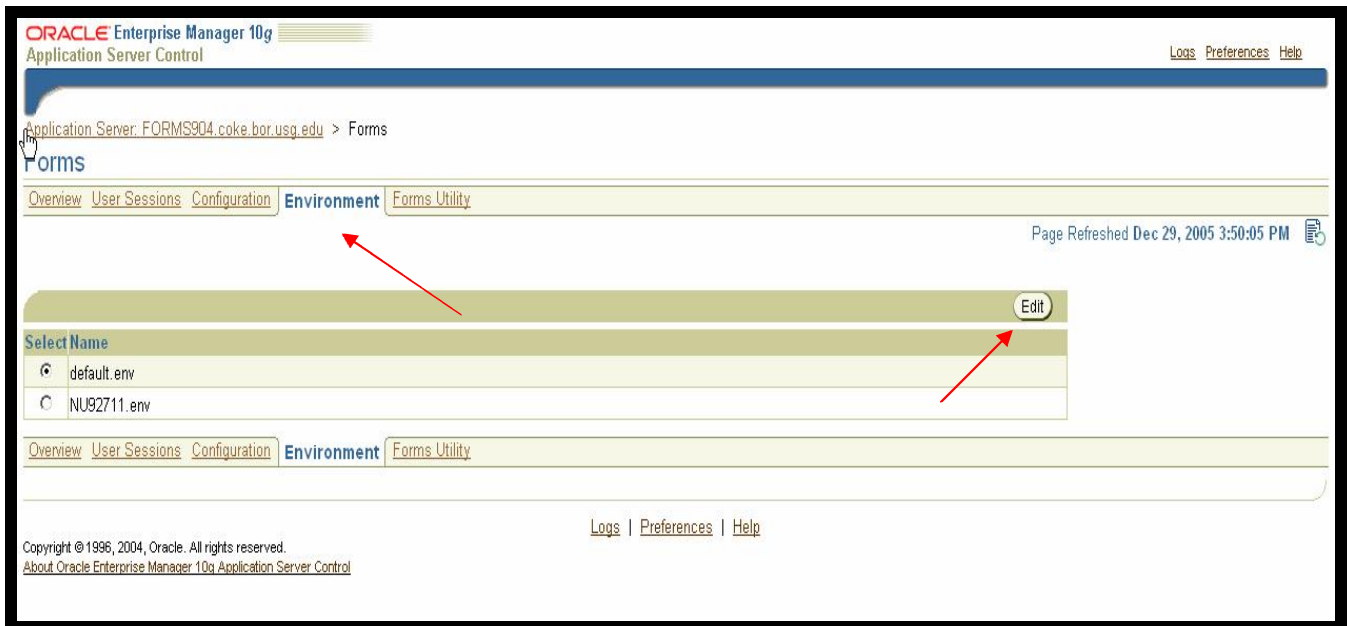
Click Apply at the top of the page.

- Next click on **FORMS WEB CONFIGURATION** from the VIEW option.

The screenshot shows the 'Forms' configuration interface. At the top, there are navigation tabs: Overview, User Sessions, Configuration (selected), Environment, and Forms Utility. A 'View' dropdown menu is set to 'Forms Web Configuration' with a 'Go' button next to it. A red arrow points from this dropdown to the 'default' section in the configuration table below. The table has columns for 'Select Section' and 'Description'. The 'default' section is selected with a radio button. Other sections include 'sepwin', 'ienative', and 'jpi', each with a radio button and a description. At the top right, there are buttons for 'Create New Section', 'Revert', 'Apply', 'Duplicate', 'Edit', and 'Delete'. The page is timestamped 'Page Refreshed Feb 25, 2006 10:21:30 PM'.

Select Section	Description
<input checked="" type="radio"/> default	\$Id: formsweb.cfg,v 1.24 2003/08/22 01:07:35 pkuhn Exp \$ formsweb.cfg defines parameter values used by the FormsServlet (f90servlet). This section defines the Default settings. Any of them may be overridden in the following Named Configuration sections. If they are not overridden, then the
<input type="radio"/> sepwin	Example Named Configuration Section Example 1: configuration to run forms in a separate browser window with "generic" look and feel (include "config=sepwin" in the URL) You may define your own specific, named configurations (sets of parameters)
<input type="radio"/> ienative	Example Named Configuration Section Example 2: configuration affecting users of MicroSoft Internet Explorer 5.x. Forms applet will run under the browser's native JVM rather than using Oracle JInitiator.
<input type="radio"/> jpi	Example Named Configuration Section Example 3: configuration forcing use of the Java Plugin in all cases (even if the client browser is on Windows)
	Example Named Configuration Section

- Click on **ENVIRONMENT** option.
- Click the radio button for the “**SID\_NAME**” that you created above.
- Click on Edit.



- Change the "FORMS90\_PATH" to your BAN7 fmx directory.

Example:

Change to: /u01/oracle/forms904/forms90 TO  
/u01/ban7/fmx.

- Click Apply.
- Add these new parameters by entering the Name and Value as below and then click "Add New Environment Variable".

<u>Name</u>	<u>Value</u>
TNS_ADMIN	/u01/oracle/local/network
TWO_TASK	sid.domain-name
LOCAL	sid.domain-name (
NLS_LANG	AMERICAN_AMERICA.WE8ISO8859P1
TMPDIR	/tmp
REPORTS_PATH	/u01/ban7/fmx
FORMS90_TIMEOUT	300

- Verify the tnsnames.ora file in the \$TNS\_ADMIN on the Forms server contains the service name (i.e. \$ORACLE\_HOME/network/admin)
- Click Apply

Next, Click on Application Server

**ORACLE Enterprise Manager 10g**  
Application Server Control

Application Server:  
Application Server:

Home | J2EE Applications | Ports | Infrastructure

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**General**    CPU Usage    Memory Usage

Status: **Up**  
Host: coke\_bor.usg.edu  
Installation Type: FRServices  
Oracle Home: /oracle/product/oc4j9.0.4

Application Server (0%)  
Idle (98%)  
Other (4%)

Application Server (5% 507MB)  
Free (55% 5,084MB)  
Other (40% 3,646MB)

**System Components**

Enable/Disable Components    Configure Component    Create OC4J Instance  
Start   Stop   Restart   Delete OC4J Instance

Select Name	Status	Start Time	CPU Usage (%)	Memory Usage (MB)
<input type="checkbox"/> Forms	↑	Dec 8, 2005 4:03:07 PM	0.00	0.00
<input type="checkbox"/> home	↑	Dec 31, 1969 7:00:00 PM	0.00	0.00
<input type="checkbox"/> HTTP_Server	↑	Dec 8, 2005 4:03:01 PM	0.00	43.24
<input type="checkbox"/> OC4J_BI_Forms	↑	Dec 8, 2005 4:03:07 PM	0.00	40.00
<input type="checkbox"/> Reports_Server.rep_coke	↑	N/A	N/A	N/A
<input type="checkbox"/> Web Cache	↑	Dec 31, 1969 7:00:00 PM	0.00	44.58
<input type="checkbox"/> Management	↑	Dec 8, 2005 3:57:27 PM	0.34	379.42

**TIP** This table contains only the enabled components of the application server. Only components that have the checkbox enabled can be started or stopped.

Related Links: [Process Management](#)

Home | J2EE Applications | Ports | Infrastructure

Next click on **Process Management** located at the bottom of the screen.



Inside of opmn.xml scroll down to

```
<data id="/reports/rwservlet/pingserver?start=auto" value="200"/>
```

Change to

```
<data id = "/forms90/190servlet" value="200"/>
```

```
</dependencies>
```

```
  <start timeout="900" retry="2"/>
```

```
  <stop timeout="120"/>
```

```
  <restart timeout="720" retry="2"/>
```

```
  <ping timeout="300" interval="20"/> =
```

```
  <port id="ajp" range="3301-3400"/>
```

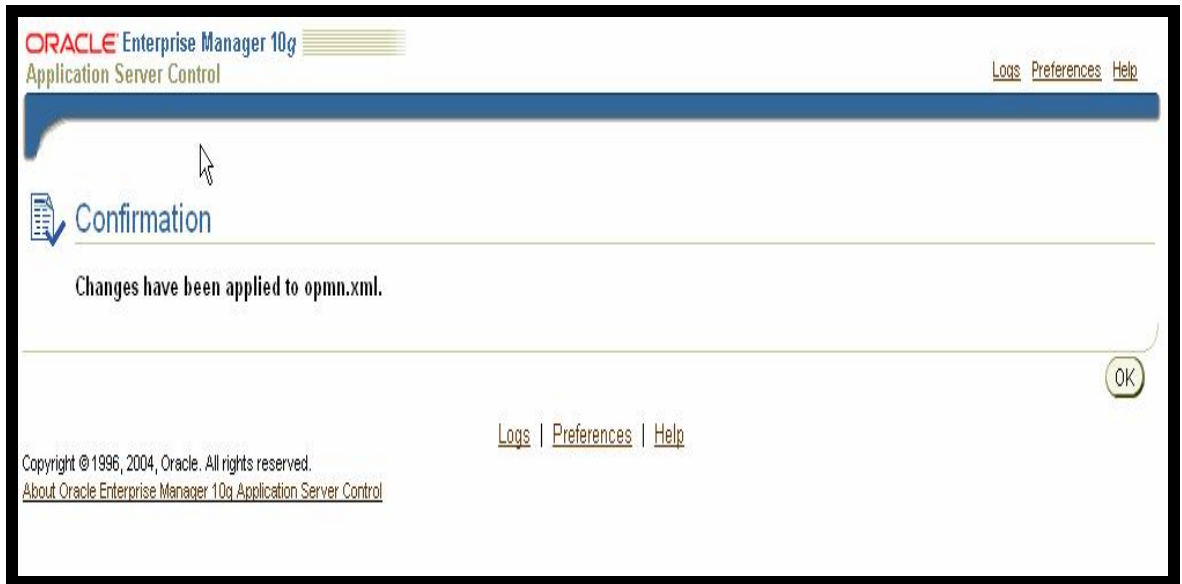
```
  <port id="rmi" range="3201-3300"/>
```

```
  <port id="jms" range="3701-3800"/>
```

```
  <process-set id="default_island" numprocs="1
```

➔ add this line

After making the above changes, click on Apply.



- Exit out of Admin URL.
- Make a backup copy of the Registry.dat located at:
  - Oracle Forms Home/forms90/java/oracle/forms/registry/Registry.dat
- Edit the Registry.dat with the following changes:
  - default.fontMap.defaultFontname=Dialog TO READ
  - default.fontMap.defaultFontname=Verdana
- Change directory to Oracle Forms Home/forms90/server.
- Make a backup copy of basejini.htm.
  - After this line: `<PARAM NAME="imageBase" VALUE="%imageBase%">`  
add this line:
  - `<PARAM NAME="heartBeat" VALUE="1">`
- After this line: `imageBase="%imageBase%"`  
add this line
- `heartBeat="1"`

# STEPS FOR MULTIPLE ENVIRONMENTS

## Add multiple Sections and Environments for different databases

Make changes to the following and click on APPLY then FORMS:

Edit Section: default

Revert Apply

Delete

Select	Name	Value	Description
<input checked="" type="radio"/>	baseHTML	base.htm	System parameter: default base HTML file
<input type="radio"/>	baseHTMLinitiator	basejini.htm	System parameter: base HTML file for use with JInitiator client
<input type="radio"/>	baseHTMLjpi	basejpi.htm	System parameter: base HTML file for use with Sun's Java Plug-In
<input type="radio"/>	baseHTMLie	baseie.htm	System parameter: base HTML file for use with Microsoft Internet Explorer (when using the native JVM)
<input type="radio"/>	HTMLdelimiter	%	System parameter: delimiter for parameters in the base HTML files
<input type="radio"/>	workingDirectory		System parameter: working directory for Forms runtime processes WorkingDirectory defaults to <oracle_home>/forms90 if unset.
<input type="radio"/>	envFile	default.env	System parameter: file setting environment variables for the Forms runtime processes
<input type="radio"/>	IE	JInitiator	System parameter: JVM option for Microsoft Internet Explorer. This parameter specifies how to execute the Forms applet under Microsoft Internet Explorer 5.x or above. Put IE=native if you want the Forms applet to run in the browser's native JVM.
			Forms runtime argument: whether to escape certain special characters

- "imageBase" - change from DocumentBase to codeBase
- "width" - change from 750 to 1040
- "height" - change from 600 to 738
- "separateFrame" - change from false to true
- "splashScreen" - change from blank to no
- "background" - change from blank to no
- "colorScheme" - change from teal to blaf
- "logo" - change from blank to no

- "archive\_jini" - change from f90all\_jinit.jar to banicons.jar,bannerui.jar,banspecial.jar,banorep.jar,f90all\_jinit.jar
- "archive" - change from f90all.jar to banicons.jar,bannerui.jar,banspecial.jar,banorep.jar,f90all.jar
- "networkRetries" - change from 0 to 300

Next click on Create New Section

The screenshot shows the 'Forms Configuration' page. At the top, there are navigation tabs: Overview, User Sessions, Configuration (selected), Environment, and Forms Utility. Below the tabs, there is a 'View' dropdown menu set to 'Forms Web Configuration' and a 'Go' button. On the right side, there are buttons for 'Create New Section', 'Revert', 'Apply', 'Duplicate', 'Edit', and 'Delete'. A red arrow points to the 'Create New Section' button. Below these buttons is a table with the following content:

Select	Section	Description
<input checked="" type="radio"/>	default	\$!d: formsweb.cfg,v 1.24 2003/08/22 01:07:35 pkuhn Exp \$ formsweb.cfg defines parameter values used by the FormsServlet (f90servlet) This section defines the Default settings. Any of them may be overridden in the following Named Configuration sections. If they are not overridden, then the
<input type="radio"/>	sepwin	Example Named Configuration Section Example 1: configuration to run forms in a separate browser window with "generic" look and feel (include "config=sepwin" in the URL) You may define your own specific, named configurations (sets of parameters)
<input type="radio"/>	ienative	Example Named Configuration Section Example 2: configuration affecting users of MicroSoft Internet Explorer 5.x. Forms applet will run under the browser's native JVM rather than using Oracle JInitiator.
<input type="radio"/>	jpi	Example Named Configuration Section Example 3: configuration forcing use of the Java Plugin in all cases (even if the client browser is on Windows)
		Example Named Configuration Section

Key the new section (SID Name) and click OK

The screenshot shows a dialog box titled 'Forms New Section Name'. It contains a text input field with the placeholder text 'Enter the Section Name you want to add'. At the bottom right of the dialog, there are 'Cancel' and 'OK' buttons. At the bottom of the page, there are links for 'Logs', 'Preferences', and 'Help', and a copyright notice: 'Copyright © 1996, 2004, Oracle. All rights reserved. About Oracle Enterprise Manager 10g Application Server Control'.

Find the new section just created and select the click Edit

The screenshot shows the 'Forms Configuration' page. At the top, there are navigation tabs: Overview, User Sessions, Configuration (selected), Environment, and Forms Utility. A 'Page Refreshed Feb 25, 2006 10:21:30 PM' message is visible. Below the navigation, there is a 'View' dropdown menu set to 'Forms Web Configuration' and a 'Go' button. On the right side, there are buttons for 'Create New Section', 'Revert', 'Apply', 'Duplicate', 'Edit', and 'Delete'. The main content is a table with two columns: 'Select Section' and 'Description'.

Select Section	Description
<input checked="" type="radio"/> default	\$Id: formsweb.cfg,v 1.24 2003/08/22 01:07:35 pkuhn Exp \$ formsweb.cfg defines parameter values used by the FormsServlet (f90servlet) This section defines the Default settings. Any of them may be overridden in the following Named Configuration sections. If they are not overridden, then the
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<input type="radio"/> ienative	Example Named Configuration Section Example 2: configuration affecting users of MicroSoft Internet Explorer 5.x. Forms applet will run under the browser's native JVM rather than using Oracle JInitiator.
<input type="radio"/> jpi	Example Named Configuration Section Example 3: configuration forcing use of the Java Plugin in all cases (even if the client browser is on Windows)
	Example Named Configuration Section

Add these new parameters by entering the Name and Value as below and then click "Add New Parameter".

The screenshot shows the 'Edit Section: test' page. At the top right, there are 'Revert' and 'Apply' buttons. Below them is a table with columns 'Select Name', 'Value', and 'Description'. The table contains the text 'No Parameters configured for this section'. Below the table, there is a form with 'Name' and 'Value' input fields, followed by an 'Add New Parameter' button. A red arrow points to the 'Add New Parameter' button. At the bottom right, there are 'Revert' and 'Apply' buttons. At the bottom left, there is a copyright notice: 'Copyright © 1996, 2004, Oracle. All rights reserved. About Oracle Enterprise Manager 10g Application Server Control'.

<u>Name</u>	<u>Value</u>
FORMS90_PATH	/u01/ban7/fmx
envFile	sid.env
form	guainit.fmx
TNS_ADMIN	/u01/oracle/local/network
TWO_TASK	sid.domain-name
LOCAL	sid.domain-name



NLS\_LANG  
TMPDIR  
REPORTS\_PATH  
Webforms Title

AMERICAN\_AMERICA.WE8ISO8859P1  
/tmp  
/u01/ban7/fmx  
SID – Internet Banner

Verify the tnsnames.ora file in the \$TNS\_ADMIN on the Forms server contains the service name i.e \$ORACLE\_HOME/network/admin

Click Apply then click on Forms

Forms

Overview User Sessions **Configuration** Environment Forms Utility

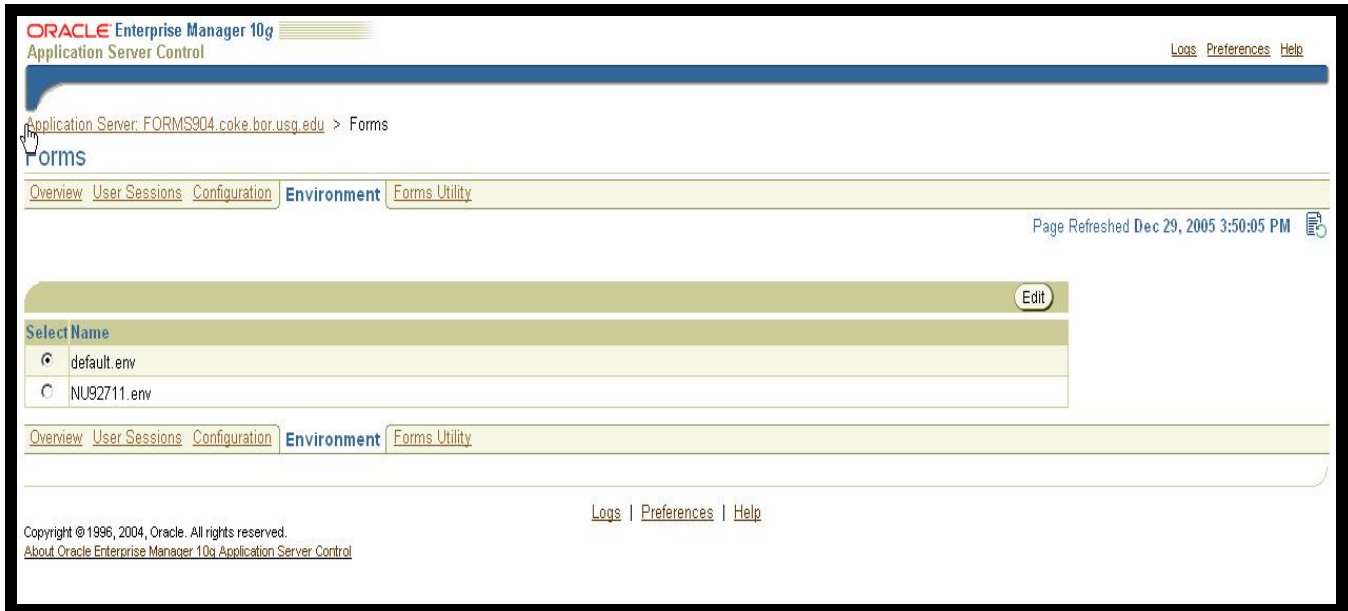
Page Refreshed Feb 25, 2006 10:21:30 PM

View Forms Web Configuration Go

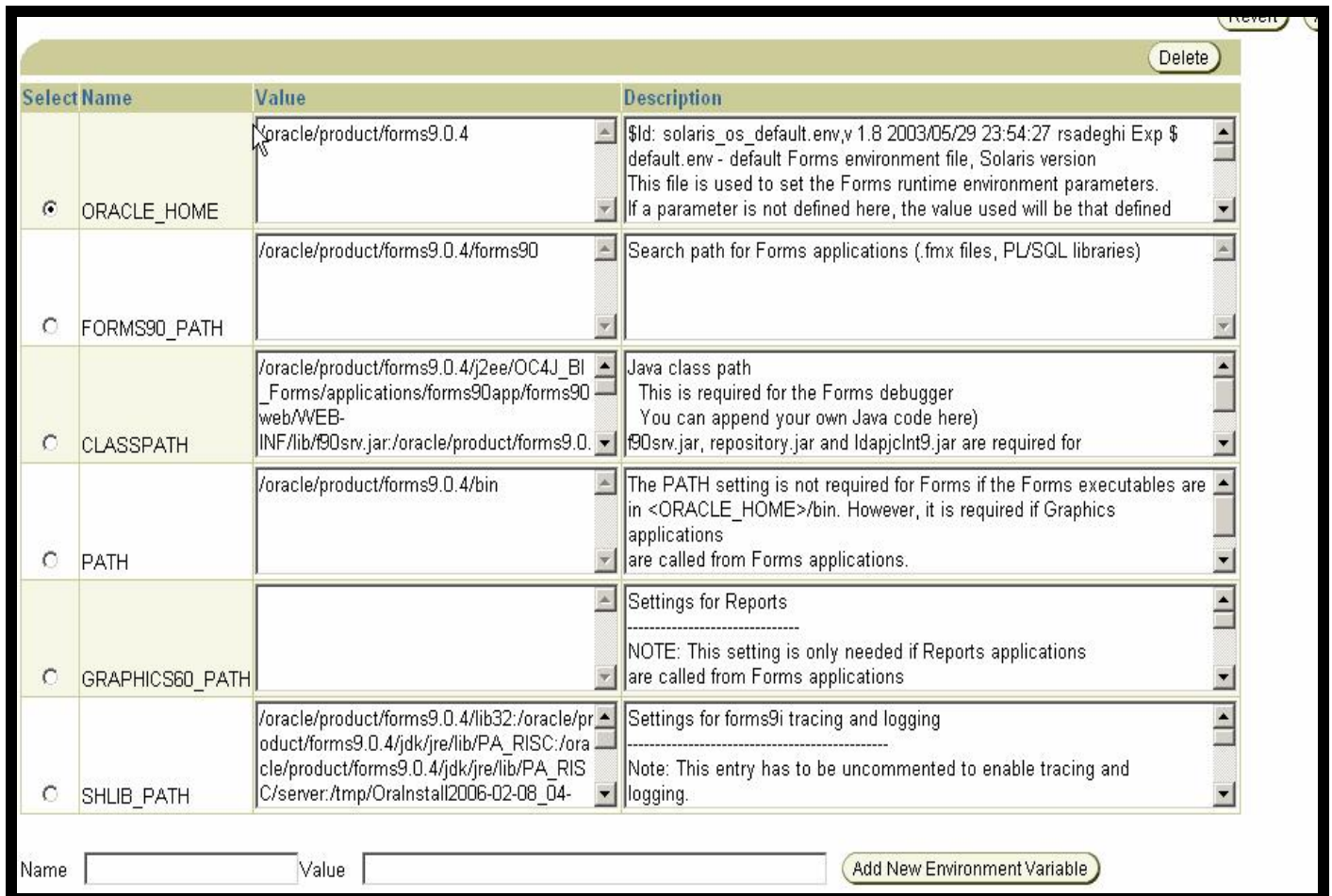
Create New Section Revert Apply Duplicate Edit Delete

Select	Section	Description
<input checked="" type="radio"/>	default	<p>\$Id: formsweb.cfg,v 1.24 2003/08/22 01:07:35 pkuhn Exp \$ formsweb.cfg defines parameter values used by the FormsServlet (f90servlet) This section defines the Default settings. Any of them may be overridden in the following Named Configuration sections. If they are not overridden, then the</p>
<input type="radio"/>	sepwin	<p>Example Named Configuration Section Example 1: configuration to run forms in a separate browser window with "generic" look and feel (include "config=sepwin" in the URL) You may define your own specific, named configurations (sets of parameters)</p>
<input type="radio"/>	ienative	<p>Example Named Configuration Section Example 2: configuration affecting users of MicroSoft Internet Explorer 5.x. Forms applet will run under the browser's native JVM rather than using Oracle JInitiator.</p>
<input type="radio"/>	jpi	<p>Example Named Configuration Section Example 3: configuration forcing use of the Java Plugin in all cases (even if the client browser is on Windows)</p>
		<p>Example Named Configuration Section</p>

Next click on Environment



Click the "sid.env" button and click on Edit.



Change "FORMS90\_PATH" to your BAN7 fmx directory.

Example:

- Change from /u01/oracle/forms904/forms90 TO
  - /u01/ban7/fmx
- Change "GRAPHICS60\_PATH" TO
  - your BAN7 fmx directory.

Example:

- Change from /u01/oracle/forms904/forms90 TO
  - /u01/ban7/fmx

Click Apply.

Add these new parameters by entering the Name and Value as below and then click "Add New Environment Variable".

Name	Value
TWO_TASK	sid.domain-name
LOCAL	sid.domain-name
FORMS90_TIMEOUT	300
ORACLE_SID	SID

Click Apply

Next click on Application Server

ORACLE Enterprise Manager 10g  
Application Server Control


[Logs](#) [Preferences](#) [Help](#)

Application Server:  
**Application Server:**

[Home](#) [J2EE Applications](#) [Ports](#) [Infrastructure](#)

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**General**



Status **Up**  
Host [coke\\_bor.usg.edu](#)  
Installation Type **FRServices**  
Oracle Home **/oracle/product/oc4j9.0.4**

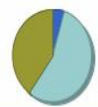
[Stop All](#) [Restart All](#)

**CPU Usage**



Application Server (0%)
Idle (96%)
Other (4%)

**Memory Usage**



Application Server (5% 507MB)
Free (55% 5,084MB)
Other (40% 3,646MB)

**System Components**

[Enable/Disable Components](#) [Configure Component](#) [Create OC4J Instance](#)

[Start](#) [Stop](#) [Restart](#) [Delete OC4J Instance](#)

Select All | Select None

Select	Name	Status	Start Time	CPU Usage (%)	Memory Usage (MB)
<input checked="" type="checkbox"/>	Forms	↑	Dec 8, 2005 4:03:07 PM	0.00	0.00
<input type="checkbox"/>	home	↑	Dec 31, 1969 7:00:00 PM	0.00	0.00
<input type="checkbox"/>	HTTP_Server	↑	Dec 8, 2005 4:03:01 PM	0.00	43.24
<input type="checkbox"/>	OC4J_BI_Forms	↑	Dec 8, 2005 4:03:07 PM	0.00	40.00
<input type="checkbox"/>	Reports Server: rep_coke	↑	N/A	N/A	N/A
<input type="checkbox"/>	Web Cache	↑	Dec 31, 1969 7:00:00 PM	0.00	44.58
<input checked="" type="checkbox"/>	Management	↑	Dec 8, 2005 3:57:27 PM	0.34	379.42

**TIP** This table contains only the enabled components of the application server. Only components that have the checkbox enabled can be started or stopped.

Related Links [Process Management](#)

[Home](#) [J2EE Applications](#) [Ports](#) [Infrastructure](#)

Next click on **Process Management** located at the bottom of the screen.

**Process Management**

**Warning**

No validation is done on the correctness of any edits you make to the opmn.xml file. Be sure you carefully check your edits. You may want to back up this file before proceeding.

This configuration file is located at /oracle/product/forms9.0.4/opmn/conf/opmn.xml

```
<?xml version = '1.0' encoding = 'UTF-8'?>
<opmn xmlns="http://www.oracle.com/ias-instance">
  <notification-server>
    <port local="6101" remote="6201" request="6004"/>
    <log-file path="$ORACLE_HOME/opmn/logs/ons.log" level="4" rotation-size="1500000"/>
    <ssl enabled="true" wallet-file="$ORACLE_HOME/opmn/conf/ssl.wlt/default"/>
  </notification-server>
  <process-manager>
    <log-file path="$ORACLE_HOME/opmn/logs/ipm.log" level="4" rotation-size="1500000"/>
    <process-modules>
      <module path="$ORACLE_HOME/opmn/lib/libopmnohs">
        <module-id id="OHS"/>
      </module>
      <module path="$ORACLE_HOME/opmn/lib/libopmnoc4j">

```

Revert Apply

Logs | Preferences | Help

Inside of opmn.xml scroll down to

```
<data id="/reports/rwservlet/pingservlet?start=auto" value="200"/>
```

Change to

```
<data id = "/forms90/190servlet" value="200"/>
```

```
</dependencies>
```

```
  <start timeout="900" retry="2"/>
```

```
  <stop timeout="120"/>
```

```
  <restart timeout="720" retry="2"/>
```

```
  <ping timeout="300" interval="20"/> =
```

```
  <port id="ajp" range="3301-3400"/>
```

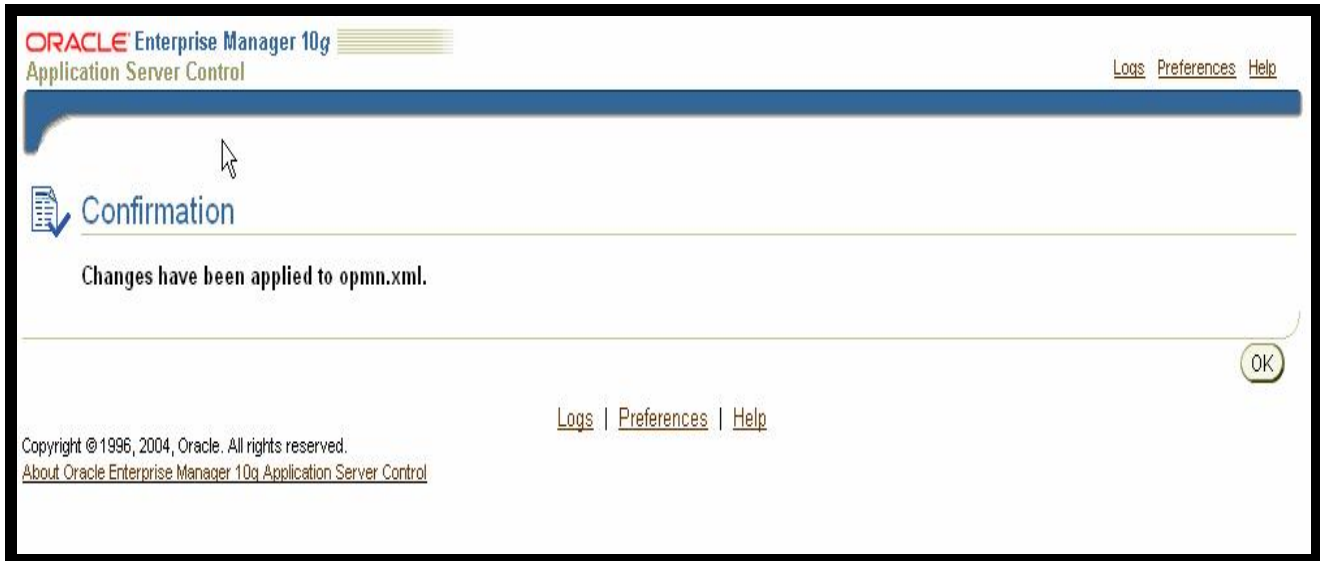
```
  <port id="rmi" range="3201-3300"/>
```

```
  <port id="jms" range="3701-3800"/>
```

```
  <process-set id="default_island" numprocs="1
```

→ add this line

After changes click on Apply



- Exit out of Admin URL.
- Make a backup copy of the Registry.dat located at:
  - Oracle Forms Home/forms90/java/oracle/forms/registry/Registry.dat
- Edit the Registry.dat with the following changes:
  - default.fontMap.defaultFontname=Dialog TO READ
  - default.fontMap.defaultFontname=Verdana
- Change directory to Oracle Forms Home/forms90/server.
- Make a backup copy of basejini.htm.
  - After this line: `<PARAM NAME="imageBase" VALUE="%imageBase%">`  
add this line:
    - `<PARAM NAME="heartBeat" VALUE="1">`
  - After this line: `imageBase="%imageBase%"`  
add this line
    - `heartBeat="1"`

ORACLE Enterprise Manager 10g  
Application Server Control

Logs Preferences


Farm > Application Server: iasban7.colossus.bor.usg.edu > Forms

## Forms

Overview User Sessions Configuration Environment Forms Utility

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### General

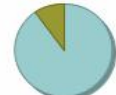


Status **Up**

New Connections Enabled **Yes**

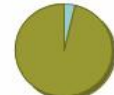
Enable  
Disable

### CPU Usage



Forms	0%
Idle	90%
Other	10%

### Memory Usage



Forms	0%
Free	4%
Other	96%

Choose Default Section and Click on Edit Button

ORACLE Enterprise Manager 10g  
Application Server Control

Logs Preferences Help

Farm > Application Server: iasban7.colossus.bor.usg.edu > Forms

## Forms

Overview User Sessions **Configuration** Environment Forms Utility

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View

Select	Section	Description
<input checked="" type="radio"/>	default	\$Id: formsweb.cfg,v 1.24 2003/08/22 01:07:35 pkuhn Exp \$ formsweb.cfg defines parameter values used by the FormsServlet (90servlet) This section defines the Default settings. Any of them may be overridden in the following Named Configuration sections. If they are not overridden, then the
<input type="radio"/>	sepwin	Example Named Configuration Section Example 1: configuration to run forms in a separate browser window with "generic" look and feel (include "config=sepwin" in the URL) You may define your own specific, named configurations (sets of parameters)
<input type="radio"/>	ienative	Example Named Configuration Section Example 2: configuration affecting users of MicroSoft Internet Explorer 5.x. Forms applet will run under the browser's native JVM rather than using Oracle JInitiator.
<input type="radio"/>		Example Named Configuration Section Example 3: configuration forcing use of the Java Plugin in all cases (even if the client browser is on Windows)

Scroll Down to Find the Parameters Listed, Modify As Indicated and click Apply

<input type="radio"/>	jinit_classid	clsid:CAFECAFE-0013-0001-0021-ABCDEF AE
<input type="radio"/>	jinit_exename	jinit13121.exe#Version=1,3,1,21
<input type="radio"/>	jinit_mimetype	application/x-jinit-applet;version=1.3.1.21

Edit Any Additional Sections You Might Have Added/Modify (as in Step 3)

<input type="radio"/>	CD92711	
<input type="radio"/>	MD92711	
<input type="radio"/>	CT92711	\$Id: formsweb.cfg,v 1.24 2003/08/22 01:07:35 pkuhn Exp \$ formsweb.cfg defines parameter values used by the FormsServlet (f90servlet) This section defines the Default settings. Any of them may be overridden in the following Named Configuration sections. If they are not overridden, then the
<input type="radio"/>	D92711	\$Id: formsweb.cfg,v 1.24 2003/08/22 01:07:35 pkuhn Exp \$ formsweb.cfg defines parameter values used by the FormsServlet (f90servlet) This section defines the Default settings. Any of them may be overridden in the following Named Configuration sections. If they are not overridden, then the
<input type="radio"/>	T92711	
<input type="radio"/>	B400T	
<input type="radio"/>	B400P	



You may now login into banner

[http://machinename:7777/forms90/f90servlet?config=\*\*SIDNAME\*\*](http://machinename:7777/forms90/f90servlet?config=<b>SIDNAME</b>)