

# Oracle 11.5.10 Forms Personalization

## Control Your Applications

Martin Sugg

Remote Technical Consultant, Abaris inc

Sr. Business / Systems Analyst, Ports America Group

# Agenda

- Introductions
- Dissecting a Forms Personalization
- Examples and Demos
- Discussion points
- References and Patches
- Wrap up



Reliable • Proven • Strategic

- In business since 1999
- West Coast Based
- Extensive Global Implementation experience
- Part of a Global \$120 mil consulting organization
- E-Business Suite implementations, upgrades add-on modules
- Release 12i experience
- Oracle Accelerator experience for re-implementations
- Remote Database Administration assistance / augmentation
- Agile Product Lifecycle Management implementation group

# Application Management



IT Department : Oracle Users

Parents : Teenagers



# Dissecting a Form Personalization

- Alter Forms behavior
- Changing Properties
- Adding Menus
- Using Built-ins
- Displaying Messages
- Similar to CUSTOM.pll
- Extend application without Customization!



# Dissecting a Form Personalization

- Conditions
  - Trigger Events
  - Trigger Objects
  - Conditions
  - Processing Mode
- Context
  - Site
  - Responsibility
  - User
  - Industry



# Dissecting a Form Personalization

- Actions
  - Property
  - Built-ins
  - Message
  - Special
- Form Personalizations First
- Then CUSTOM.pll
- Help > Diagnostics > Custom Code > Personalize



Form Personalizations (Responsibilities) ⏪ ⏩ ✖

Function Name  Form Name  Debug Mode

Seq	Description	Level	Enabled
1		Function	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Condition **Actions**

Trigger Event  (You can enter additional event names.)

Trigger Object

Condition

Processing Mode

**Context**

Level	Value



Form Personalizations (Responsibilities) ↶ ↷ ✕

Function Name  Form Name  Debug Mode

Seq	Description	Level	Enabled
		Function	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Condition **Actions**

Seq	Type	Description	Language	Enabled
	Property		All	<input checked="" type="checkbox"/>
	Message			<input type="checkbox"/>
	Builtin			<input type="checkbox"/>
	Menu			<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Select By Text...

Object Type

Target Object

Property Name

Value

Get Value

Condition Actions

Seq	Type	Description	Language	Enabled
	Message		All	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Message Type **Show**

Message Text

Insert 'Get' Expression...

Insert Item Value...

Validate

Apply Now

Condition **Actions**

Seq	Type	Description	Language	Enabled
	<b>Builtin</b>		<b>All</b>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Builtin Type  
Program Name

- Launch SRS Form**
- Launch a Function
- Launch a URL
- DO\_KEY
- Execute a Procedure
- GO\_ITEM
- GO\_BLOCK
- FORMS\_DDL

Insert 'Get' Expression...

Insert Item Value...

Validate

Apply Now

Condition **Actions**

Seq	Type	Description	Language	Enabled
	<b>Menu</b>		<b>All</b>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Menu Entry: **MENU1**

Menu Label:

Render line before menu

Icon Name:

Enabled in Block(s):

# Control Access

- Profiles
  - Hide Diagnostics menu entry
  - Utilities:Diagnostics
    - No = Need APPS Password
    - Yes = No APPS Password required
- Administration
  - Tools > Administration from any forms personalization screen



File Edit View Folder **Tools** Window Help

Validate All Administration

Form Personalizations (values)

Find Personalizations

Form Name: % Find

Form	Function	User Function Name	Enabled Rules
<b>FNDRSRUN</b>	FND_FNDCPQCR_SYS	View All Concurrent Reques	1
POXBWVRP	PO_POXBWVRP	Convert Requisition to PO	1

# Examples

- Property, Message and Navigation
  - Make Description required in User form
  - Show message to suggest employee name
  - Navigate from user name to description to password
- Property
  - Clear buyer from AutoCreate form with DO\_KEY
  - Set Urgent Flag
- Messages and SELECT statements



# Autocreate Form Personalization example

Find Requisition Lines (MTC OP UNIT)

Approved	<input type="text" value="Yes"/>	Buyer	<input type="text"/>
Requisition	<input type="text"/>	Requester	<input type="text"/>
Emergency PO Number	<input type="text"/>	Preparer	<input type="text"/>
Supplier Sourcing	<input type="text"/>	Supplier List	<input type="text"/>
Supplier	<input type="text"/>	Supplier Site	<input type="text"/>
Document Type	<input type="text"/>	Document	<input type="text"/>
<input type="checkbox"/> Global		Minimum Amount	<input type="text"/>
<input type="checkbox"/> VMI Only		Currency	<input type="text"/>
<input type="checkbox"/> Show External Locations		Rate Type	<input type="text"/>
Ship-To	<input type="text"/>		

Line    Status

Late	<input type="text"/>
Urgent	<input type="text" value="Yes"/>
Assigned	<input type="text"/>
RFQ Required	<input type="text"/>
Need-By Days from Today	<input type="text"/>



Form Personalizations (Convert Requisition to PO)

Function Name  Form Name  Debug Mode

Seq	Description	Level	Enabled
1	Clear Buyer Name And set Urgent Flag	Function	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Condition    Actions

Trigger Event  (You can enter additional event names.)

Trigger Object

Condition

Processing Mode

**Context**

Level	Value
Site	

Form Personalizations (Convert Requisition to PO)

Function Name **PO\_POXBWVRP**      Form Name **POXBWVRP**      Debug Mode **Off**

Seq	Description	Level	Enabled
1	Clear Buyer Name And set Urgent Flag	Function	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Condition      Actions

Seq	Type	Description	Language	Enabled
1	Property		All	<input checked="" type="checkbox"/>
2	Property		All	<input checked="" type="checkbox"/>
3	Builtin		All	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Select By Text...

Object Type: **Item**

Target Object: **FIND\_REQ\_LINES.SUGGESTED\_BUYER**

Property Name: **VALUE**

Value:

Get Value

Insert 'Get' Expression...      Insert Item Value...      Validate      Apply Now

Condition Actions

Seq	Type	Description	Language	Enabled
1	Property		All	<input checked="" type="checkbox"/>
2	Property		All	<input checked="" type="checkbox"/>
3	Builtin		All	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Select By Text...

Object Type: **Item**

Target Object: **FIND\_REQ\_LINES.URGENT\_LIST**

Property Name: **VALUE**

Value: **Y**

Get Value

Condition Actions

Seq	Type	Description	Language	Enabled
1	Property		All	<input checked="" type="checkbox"/>
2	Property		All	<input checked="" type="checkbox"/>
3	Builtin		All	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Builtin Type: **GO\_ITEM**

Argument: **FIND\_REQ\_LINES.URGENT\_LIST**

Add Parameter...

# PO Supplier Site Open Invoice Count example

Supplier Sites (MTC OP UNIT) - TIRE DISTRIBUTION SYSTEMS, INC., 11022

Site Name:  Alternate Name:

Country:

Address:  Alternate Address:

City:  Postal Code:

Province:

Language:

Note

General | Contacts | Accounting | Control | Payment | Bank Accounts | EDI | Invoice Tax | Withholding Tax

**Site Uses**

Pay  Purchasing

Primary Pay  RFQ Only

Procurement Card

Customer Number:

Shipping Network Location:

Supplier Notification Method:

**Communication**

	Area Code	Number	Telex
Voice	<input type="text" value="206"/>	<input type="text" value="340-0136"/>	<input type="text"/>
Fax	<input type="text"/>	<input type="text"/>	E-mail: <input type="text"/>

Form Personalizations (View Suppliers)

Function Name: **AP\_APXVDMVD\_VIEW**    Form Name: **APXVDMVD**    Debug Mode: **Off**

Seq	Description	Level	Enabled
1	Create Menu Button for AP Invoice count	Function	<input checked="" type="checkbox"/>
2	Call to Open Invoice count	Function	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Condition    Actions

Trigger Event: **WHEN-NEW-FORM-INSTANCE** (You can enter additional event names.)

Trigger Object:

Condition:

Processing Mode: **Not in Enter-Query Mode**

Context

Level	Value
<b>Responsibility</b>	<b>MTC AP Setup</b>

Condition
Actions

Seq	Type	Description	Language	Enabled
1	Menu		All	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Menu Entry: MENU1: AP Invoice Count

Menu Label: AP Invoice Count

Render line before menu

Icon Name:  

Enabled in Block(s):  

Add Block...

Form Personalizations (View Suppliers) ⏪ ⏩ ✕

Function Name  Form Name  Debug Mode

Seq	Description	Level	Enabled
1	Create Menu Button for AP Invoice count	Function	<input checked="" type="checkbox"/>
2	Call to Open Invoice count	Function	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

**Condition**    **Actions**

Trigger Event  (You can enter additional event names.)

Trigger Object

Condition

Processing Mode

---

**Context**

Level	Value
Site	

Condition Actions

Seq	Type	Description	Language	Enabled
1	Message		All	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Message Type: Show

Message Text: `=SELECT 'Invoice Count: '|| COUNT(*) FROM AP.AP_INVOICES_ALL WHERE to_char(VENDOR_SITE_ID) = to_char(:SITE.VENDOR_SITE_ID)`

Example of SELECT statement in a message



# Examples - Advanced

- View Output Button
  - Use of a condition
  - Setting Properties
- Zoom
  - Use of a Menu
  - Using Built Ins
  - Menu action must be in the **WHEN-NEW-FORM-INSTANCE**
  - Global Variables



# View Output Button Enabled example

Requests

Refresh Data Find Requests Submit a New Request...

Request ID	Name	Parent	Phase	Status	Requestor	Priority
661676	Preliminary Payment Re	661675	Completed	Normal	PSTCLAIR	3
661675	Payment Process Manag		Completed	Normal	PSTCLAIR	3
661671	Format Payments (Everg	661670	Completed	Normal	PSTCLAIR	3
661670	Payment Process Manag		Completed	Normal	PSTCLAIR	3
661668	Preliminary Payment Re	661667	Completed	Normal	PSTCLAIR	3
661667	Payment Process Manag		Completed	Normal	PSTCLAIR	3
661665	Build Payments	661663	Completed	Normal	PSTCLAIR	3
661664	AutoSelect	661663	Completed	Normal	PSTCLAIR	3
661663	Payment Process Manag		Completed	Normal	PSTCLAIR	3
661661	Cancel Payment Batch	661660	Completed	Normal	PSTCLAIR	3

Hold Request View Details... View Output

Cancel Request Diagnostics View Log...

Form Personalizations (View All Concurrent Requests (System Administrator Mode))

Function Name **FND\_FNDPQCR\_SYS** Form Name **FNDRSRUN** Debug Mode **Off**

Seq	Description	Level	Enabled
1	Allow Sysadmin Responsibility to View Output	Function	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Condition Actions

Trigger Event **WHEN-NEW-RECORD-INSTANCE** (You can enter additional event names.)

Trigger Object **JOBS**

Condition **:jobs.user\_phase\_code in ('C', 'R')**

Processing Mode **Not in Enter-Query Mode**

Context

Level	Value
Responsibility	System Administrator

Condition

Actions

Seq	Type	Description	Language	Enabled
1	Property		All	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Select By Text...

Object Type

Item

Target Object

JOBS.VIEW\_REPORT

Property Name

ENABLED

Value

True

Get Value

# Zoom Screen Shots...

Form Personalizations (Responsibilities)

Function Name: **FND\_FNDSCRSP**    Form Name: **FNDSCRSP**    Debug Mode: **Show Debug Messages**

Seq	Description	Level	Enabled
1	SET MENU FOR ZOOM TO MENU SCREEN	Function	<input checked="" type="checkbox"/>
2	Zoom to Profiles	Function	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Condition    Actions

Trigger Event: **WHEN\_NEW\_FORM\_INSTANCE** (You can enter additional event names.)

Trigger Object:

Condition:

Processing Mode: **Not in Enter-Query Mode**

Context

Level	Value
Site	

Insert 'Get' Expression...    Insert Item Value...    Validate    Apply Now

From the Responsibility, create the menu

Form Personalizations (Responsibilities) ⏪ ⏩ ✕

Function Name  Form Name  Debug Mode

Seq	Description	Level	Enabled
1	SET MENU FOR ZOOM TO MENU SCREEN	Function	<input checked="" type="checkbox"/>
2	Zoom to Profiles	Function	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Condition **Actions**

Seq	Type	Description	Language	Enabled
1	Menu		All	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Menu Entry

Menu Label

Render line before menu

Icon Name

Enabled in Block(s)

Form Personalizations (Responsibilities)

Function Name: **FND\_FNDSCRSP**      Form Name: **FNDSCRSP**      Debug Mode: **Show Debug Messages**

Seq	Description	Level	Enabled
1	SET MENU FOR ZOOM TO MENU SCREEN	Function	<input checked="" type="checkbox"/>
2	Zoom to menu	Function	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Condition      Actions

Trigger Event: **MENU1** (You can enter additional event names.)

Trigger Object:

Condition:

Processing Mode: **Not in Enter-Query Mode**

Context

Level	Value
Site	

Insert 'Get' Expression...      Insert Item Value...      Validate      Apply Now

Now when the user chooses Tools > Zoom to Menu

## The following Actions will happen

Condition Actions

Seq	Type	Description	Language	Enabled
1	Property		All	<input checked="" type="checkbox"/>
2	Message		All	<input checked="" type="checkbox"/>
3	Builtin		All	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Select By Text...

Object Type: **Global Variable**

Target Object: **XX\_MENU**

Property Name: **VALUE**

Value: **\${item.responsibility.menu\_name.value}**

Get Value

Insert 'Get' Expression...    Insert Item Value...    Validate    Apply Now





Form Personalizations (Menus)

Function Name: **FND\_FNDMMNU**    Form Name: **FNDMMNU**    Debug Mode: **Show Debug Messages**

Seq	Description	Level	Enabled
1	Set global to null to avoid issues with standalone form	Function	<input checked="" type="checkbox"/>
2	Set query mode when global called through zoom	Function	<input checked="" type="checkbox"/>
3	Set global and run query	Function	<input checked="" type="checkbox"/>

Condition    Actions

Trigger Event: **WHEN-NEW-FORM-INSTANCE** (You can enter additional event names.)

Trigger Object:

Condition:

Processing Mode: **Not in Enter-Query Mode**

Context

Level	Value
Site	

Form Personalizations (Menus)

Function Name: **FND\_FNDMMNU**    Form Name: **FNDMMNU**    Debug Mode: **Show Debug Messages**

Seq	Description	Level	Enabled
1	Set global to null to avoid issues with standalone form	Function	<input checked="" type="checkbox"/>
2	Set query mode when global called through zoom	Function	<input checked="" type="checkbox"/>
3	Set global and run query	Function	<input checked="" type="checkbox"/>

Condition    Actions

Seq	Type	Description	Language	Enabled
1	Property		All	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Select By Text...

Object Type: **Global Variable**

Target Object: **XX\_MENU**

Property Name: **INITIAL VALUE**

Value:

Form Personalizations (Menus)

Function Name: **FND\_FNDMMNNU** Form Name: **FNDMMNNU** Debug Mode: **Show Debug Messages**

Seq	Description	Level	Enabled
1	Set global to null to avoid issues with standalone form	Function	<input checked="" type="checkbox"/>
2	Set query mode when global called through zoom	Function	<input checked="" type="checkbox"/>
3	Set global and run query	Function	<input checked="" type="checkbox"/>

Condition Actions

Trigger Event: **WHEN-NEW-FORM-INSTANCE** (You can enter additional event names.)

Trigger Object:

Condition: **:GLOBAL.XX\_MENU is not null**

Processing Mode: **Not in Enter-Query Mode**

Context

Level	Value
Site	

Insert 'Get' Expression... Insert Item Value...

Form Personalizations (Menus)

Function Name: **FND\_FNDMMNNU** Form Name: **FNDMMNNU** Debug Mode: **Show Debug Messages**

Seq	Description	Level	Enabled
1	Set global to null to avoid issues with standalone form	Function	<input checked="" type="checkbox"/>
2	Set query mode when global called through zoom	Function	<input checked="" type="checkbox"/>
3	Set global and run query	Function	<input checked="" type="checkbox"/>

Condition Actions

Seq	Type	Description	Language	Enabled
1	Builtin		All	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Builtin Type: **DO\_KEY**

Argument: **ENTER\_QUERY**

Add Parameter...

Form Personalizations (Menus)

Function Name **FND\_FNDMMNU** Form Name **FNDMMNU** Debug Mode

Seq	Description
1	Set global to null to avoid issues with standalone form
2	Set query mode when global called through zoom
3	Set global and run query

Condition Actions

Trigger Event **WHEN-NEW-RECORD-INSTANCE** (You can enter additional event names.)

Trigger Object **FND\_MENUS**

Condition **:GLOBAL.XX\_MENU is not null**

Processing Mode **Only in Enter-Query Mode**

Context

Level

**Site**



Condition Actions

Seq	Type	Description	Language	Enabled
1	Property		All	<input checked="" type="checkbox"/>
2	Property		All	<input checked="" type="checkbox"/>
3	Builtin		All	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Select By Text...

Object Type **Item**

Target Object **FND\_MENUS.USER\_MENU\_NAME**

Property Name **VALUE**

Value **=:GLOBAL.XX\_MENU**

Get Value

Condition Actions

Seq	Type	Description	Language	Enabled
1	Property		All	<input checked="" type="checkbox"/>
2	Property		All	<input checked="" type="checkbox"/>
3	Builtin		All	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Select By Text...

Object Type: **Global Variable**

Target Object: **XX\_MENU**

Property Name: **VALUE**

Value:

Get Value

Condition Actions

Seq	Type	Description	Language	Enabled
1	Property		All	<input checked="" type="checkbox"/>
2	Property		All	<input checked="" type="checkbox"/>
3	Builtin		All	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Builtin Type: **DO\_KEY**

Argument: **EXECUTE\_QUERY**

Add Parameter...

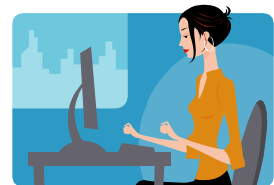
# Discussion Points

- Dynamically alter the WHERE clause
- Dynamically change or create a new LOV
- Store data in a custom Table for Audit
- Limitations
  - Only features which are allowed at Run-Time
  - You can NOT create anything new
  - You can NOT display items that are not on a canvas
  - SELECT is to return one row, one column

# Metalink References

- Note:279034.1 Information About the Oracle Applications Form Personalization Feature in 11i
- Note:420518.1 Limitations of Forms Personalization
- Note:429604.1 How to Use Parameters in Forms Personalizations?
- Note:342501.1 When-Validate-Record Trigger firing multiple times
- Note:421999.1 How To Insert Or Update A Database Column Using Forms Personalization?

Form Personalizations can be applied on earlier 11i instances as long as they have ATG\_PF.H Patch 3438354 (ref. Note 284086.1) and the latest 11.5.10 ATG RUP patch (ref. Note 296154.1) on top of ATG.H. Note: ATG.H includes FND.H





Questions???

