Menu Item Plug-in

I.   Preface

Menu Item is a display only element with attached menu with different customizable features. It can be used as an alternative to standard select list or as a standalone menu element.

See plugin page for examples:

http://apex-plugin.com/oracle-apex-plugins/item-plugin/menu-item_446.html

II.   Installation

a. Select the application where you want to import the plug-in.
b. Go on page **Shared Components** > **Plug-Ins** then click **Import** button.
c. Select sql file located in archive then select **File Type**: **Plug-in**, click **Next**.
d. On final page click **Install Plug-in**.

III.   How to use

Menu item behave like an ordinary item with displayed values and return values. Menu options can be selectable and unselectable, there is also null condition when no option selected.

To create **Menu Item** using wizard:

a. Go to the page where you want to use the plug-in.
b. Run the create item wizard, choose **Plug-ins** as item type.
    You will see the new option **Menu Item**, select it.
c. Enter the display position and the name of the item, click **Next**.
d. Enter the label and template for display only element, click **Next**.
e. Here you will see special plugin settings:

Page:	8 - test temp
Item Name:	P8_X5
Display As:	Menu Item [Plug-in]
Value Required	No ▼
Menu Options are Selectable	No ▼
Theme for Active Element Icons	Light Grey ▼
Alt	Click to change the value.
Null Display Value	null

Value Required – choose **Yes** for not null validation when page is submitted.

Menu Options are Selectable – choose **Yes** for menu options to be selectable.

Theme for Active Element Icons – choose theme. Apex standard themes use one of those themes.

Alt –It's a tooltip that is displayed when you move mouse over the element.

Null Display Value – value that is displayed instead of null.

Display Format – this is additional option to define display format. Plug-in is not designed to be a complex menu, however you can experiment with this option and change design of the plug-in. **Menu Options are Selectable** should be set to **No**. Example for theme Productivity Applications (26):

#DISPLAY_VALUE#

f. **List of Values definition** defines menu option parameters. It is a query that has from 2 to 6 columns, for Example:

```
select E.ENAME as display_value
     , E.EMPNO as return_id

     , decode( row_number() over (order by e.empno)
       , 2, '<span class="ui-icon ui-icon-blank"
style="float:left"></span>#TEXT#'
       , 3, '<span class="ui-icon ui-icon-caret-1-e"
style="float:left"></span>#TEXT#'
     , '<span class="ui-icon ui-icon-caret-1-e"
style="float:left"></span>#TEXT#' ) html_format

     , decode(E.MGR,7839,null,E.MGR) as parent_id
     , 'SUBMIT' as action_type
from EMP E
order by E.ENAME
```

Where **display_value** – display value of the menu option,

return_id – return value for selected menu options. Should be unique.

html_format – html format for displayed value of menu options. Use #TEXT# substitution string to replace the value of **display_value**

Default: #TEXT#

parent_id – parent id for the menu options.

Default: null

action_type – type of action that is performed after choosing menu option. Supporting values:

NOACTION – no actions are performed

REDIRECT – redirects page to url (without saving session state of other items) or if action value is null then redirects page on self.

Example of url: "f?p=&APP_ID.:1:&SESSION.::&DEBUG.:1:P1_X:&P1_X."

In this case substitution string &P1_X. is replaced with the old value of item P1_X that is the value before rendering the page. If you want to pass actual value of item then use NOACTION type with defined dynamic action)

SUBMIT – submits page to server. You can bind branch to this submit using pl/sql expression condition in branch, e.g.:

:request = 'MENU_4'

where 4 is the value from RETURN_ID column.

if you want to bind branch to all submits from menu item then use:

:request like 'MENU_%'

Default: NOACTION

action_value – value for the action. Semantics depends on action type:

Table 1. Action value semantics

Action Type	Action Value semantics	Default Value	Request variable
NOACTION			
REDIRECT	Url address	Url to current page	Is taken from url address or if action_value is null then MENU_#RETURN_ID#
SUBMIT	Request	MENU_#RETURN_ID#	Is taken from action_value or if action_value is null then MENU_#RETURN_ID#

g. Use **Source Used**, **Source Type**, **Item Source Value**, **Default**, **Item Default Type** fields to specify the value for display only element.

h. Click **Create Item**.

You can add multiple item plug-ins on one page.

IV. Using Dynamic Actions

For menu options with NOACTION action type in lov you can use dynamic actions, e.g.:

Event: Change
Selection type: Item(s)
Item(s): plug-in item name
Condition: equal to
Value: the value from RETURN_ID column of the lov
Code: location.href='f?p=&APP_ID.:1:&SESSION.::&DEBUG.:1:P1_X:'+v('P1_X');
Fire On Page Load: uncheck it
Selection Type (Value Required): Item(s)
Item(s): plug-in item name

V. Notes

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You can send feedbacks and bug reports to my email address: svdev74@gmail.com
For bug reports, please include all kind of technical information: full apex version, application theme name, plugin options, detailed description of the problem, screenshots or examples on apex.oracle.com.

Note: English is not my native language so if you see errors in English text somewhere you can help me to fix them just send me the correct version.