

ESS: How to Add Custom Area Page to Overview page.

Applies to:

SAP Enterprise Portal 7.0, SAP ECC 6.0, SAP ESS BP 600.

Summary

This article describes how to add custom area pages/services to Employee Self Service Overview page. This includes adding new iview/page/workset on portal side and defining resources on R/3 side.

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Author Bio

Started career as a java developer, moved to Enterprise Portals two years back, Have experience on Webdynpro programming and Portal. Currently into ESS/MSS business package configuration and customization.

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Prerequisites:

This article does not details simple portal activities like creating iviews/pages. Hence some of the steps have been described as 'Add an iview/page' without giving further details.

Step Wise Procedure:

The ESS page before adding new area is shown below.

The screenshot shows the SAP Employee Self-Service (ESS) Overview page. The page has a navigation bar at the top with the following items: Home, Employee Self-Service, Manager Self-Service, Manager Self-Service, Content Administration, User Administration, System Administration, Self-Service Administrator, and Content Management. Below the navigation bar, there is a 'Overview' section with a sub-section 'Overview' and a 'History' link. The main content area contains six service tiles:

- Employee Search:** Search for employees by name and find basic information about colleagues and their position in the company. Quick Links: Who's Who.
- Working Time:** Plan your leave and View leave quota.
- Benefits and Payment:** Display the plans in which you are currently enrolled, enroll in new benefit plans, and download an enrollment form. Quick Links: Claim Advances.
- Personal Information:** Manage your addresses, bank information, and information about family members and dependents.
- Career & Job:** View and change your own skills profile. View a list of open positions in your company and apply for one of these positions.
- Travel and Expenses:** Create your travel request and plan travel services for your business trip including booking flights, hotels, car rentals, and train tickets. Record your travel expenses. Quick Links: My Trips and Expenses.

Suppose we want to add a new Area 'New Area' which on click will go to Sub area showing a custom service.

1. Create a new 'Webdynpro iview' which will refer to 'sap.com/pcui_gp~xssutils/XssMenuArea' application. The Iview will look like this:

The screenshot shows the 'Property Editor - New Area' window. At the top, there are tabs for 'Overview' and 'New Area', and buttons for 'Save', 'Close', 'Preview', 'Refresh', and 'Edit Mode'. A 'Display:' dropdown is set to 'Object'. The main area is titled 'Property Editor - New Area' and has a 'Property Category:' dropdown set to 'Show All'. Below this, various properties are listed with their values:

- ▶ Add Padding Inside Tray: Yes No
- ▶ Allow Client-Side Caching: No
- ▶ Application Name: XssMenuArea
- ▶ Application Namespace: sap.com/pcui_gp-xssutils
- ▶ Application Parameters: sap.xss.menuarea=ZNEWAREA&sap.xss.menuargrp=SAPDEFAULTESS_ERP2005&sap.xss.menu
- ▶ Application Type: Java
- ▶ Authentication Scheme: default
- ▶ Cache Level: None
- ▶ Cache Validity Period: hr 0 min 0 sec 0 msec -1
- ▶ Can be Merged: Yes No
- ▶ Changed By: AVADH
- ▶ Code Link: com.sap.portal.wdintegrator.WebDynproIntegrator
- ▶ Collection: IP_PTL_INITIAL_CONTENT
- ▶ Created By: AVADH
- ▶ Created On: 14/08/2007
- ▶ Default Entry for Folder: Yes No
- ▶ Description: (empty field)
- ▶ Do not forward these parameters to Web Dynpro: ClientWindowID, Command, DebugSet, DynamicParameter, Embedded, InitialNodeFirstLevel, SerAtt

Please note the property 'Application Parameters' is given as
 sap.xss.menuarea=ZNEWAREA&sap.xss.menuargrp=SAPDEFAULTESS_ERP2005&sap.xss.menuhdr=SA
 PDEFAULT.

Where,

sap.xss.menuarea will be the name of New Area you will create in SPRO,

sap.xss.menuargrp is the name of Area group as in SPRO and

sap.xss.menuhdr is the name of header as given in SPRO.

2. Create a new Webdynpro proxy page and add this iview as a delta link into the page.

History [Back](#)

Overview **New Area**

Save Close Preview Refresh Edit Mode Display: Object

Page Content
 Page Layout

From the Portal Catalog, select the content you want to add to the page. In the Property Editor, edit the property values of the page and those of its iViews and pages.

| ☰ | Type | Name | ID | Visible | Fixed |
|--------------------------|------|----------|----------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | | New Area | New_Area | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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Properties Open Delta Link Tracer Remove [Show 'New Area' Properties](#)

Property Editor - New Area

Property Category: Info

Description

Name *

Object is a Template Yes No

[Return to properties of page you first opened](#)

3. Now we need to create an iview for the service you want to add in ESS. For taking an example, I have created a Webdynpro iview referring to Webdynpro application 'ess-in-addr/Per_address_IN'.

Overview **Customview**

Save Close Preview Refresh Edit Mode Display: Object

Property Editor - Customview

Property Category: Show All

| | |
|-----------------------------|---|
| ▶ Add Padding Inside Tray | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| ▶ Allow Client-Side Caching | No |
| ▶ Application Name | Per_Address_IN |
| ▶ Application Namespace | sap.com/ess~in~addr |
| ▶ Application Parameters | |
| ▶ Application Type | Java |
| ▶ Authentication Scheme | default |
| ▶ Cache Level | None |
| ▶ Cache Validity Period | hr 0 min 0 sec 0 msec -1 |
| ▶ Can be Merged | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| ▶ Changed By | AVADH |
| ▶ Code Link | com.sap.portal.wdintegrator.WebDynproIntegrator |
| ▶ Collection | IP_PTL_INITIAL_CONTENT |
| ▶ Created By | AVADH |
| ▶ Created On | 14/08/2007 |

4. Add this iview to a webdynpro proxy page 'New Page' as a delta link.

Overview New Area **NewPage**

Save Close Preview Refresh Edit Mode Display: Object

Page Content Page Layout

From the Portal Catalog, select the content you want to add to the page. In the Property Editor, edit the property values of the page and those of its iViews and pages.

| Type | Name | ID | Visible | Fixed |
|------|------------|--------------------|-------------------------------------|--------------------------|
| | Customview | Customview_ADDR_IN | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

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Properties Open Delta Link Tracer Remove [Show 'NewPage' Properties](#)

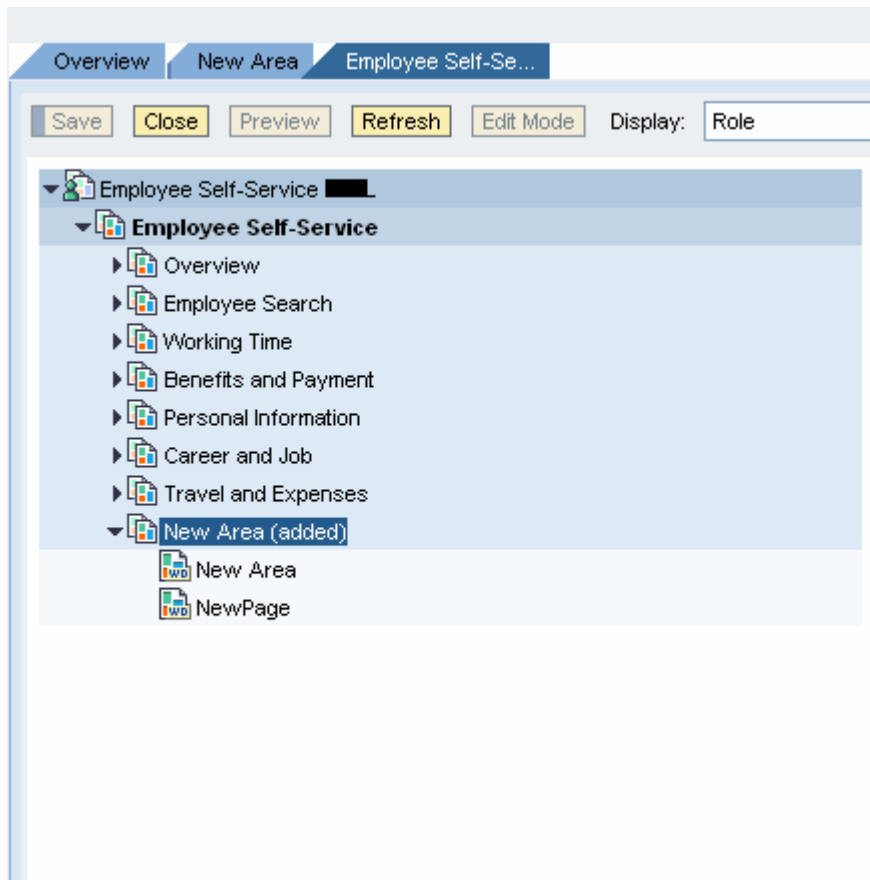
5. Create a workset 'NewArea' and add these 2 pages as a delta link to it.

Overview **New Area**

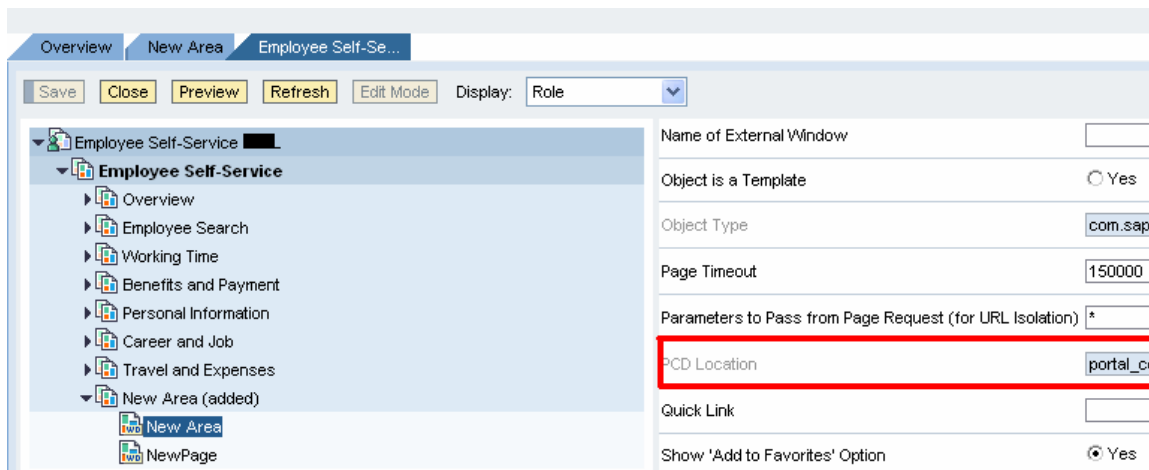
Save Close Preview Refresh Edit Mode Display: Workset

- New Area
 - New Area
 - NewPage

6. Add this workset to your custom ESS role as a delta link.



7. Note down the PCD Location of these two pages from the property editor on right hand side. Select Page (New Area) ->Click on properties-> note down pcd location.



Similarly, note down the pcd of page (New Page) also.

8. Necessary settings and configuration on portal side are completed. Now we need to do SPRO settings in backend R/3.

Login to R/3 server and using T-Code SPRO, navigate to IMG-> Cross Application Components -> Homepage Framework->Resources ->Define Resources ->Define Resources (Add Entries). Click on New Entries.

Add resource for Area page as follows. Enter the PCD of the New Area Page you have created in the text box 'URL of PCD Page'. Remember to prefix 'ROLES://' to the pcd location.

Change View "Define Resources (Add Entries)": Details

New Entries

Resource Key

Define Resources (Add Entries)

| | |
|-------------------|---|
| Description | Add new area to Overview page |
| Server | <input style="width: 100%;" type="text"/> |
| Directory Path | <input style="width: 100%;" type="text"/> |
| Object Name | <input style="width: 100%;" type="text"/> |
| URL Parameter | <input style="width: 100%;" type="text"/> |
| Window Name | <input style="width: 100%;" type="text"/> |
| Window Properties | <input style="width: 100%;" type="text"/> |

URL of Resource Object

Li 1, Co 1
Ln 1 - Ln 1 of 1 lines

URL of PCD Page PCD Page Static

ROLES://portal_content/com.██████████/ESS/com.sap.pct.erp.ess.roles/com.sap.pct.erp.ess.employ
 com.sap.pct.erp.ess.employee_self_service/New_Area/New_Area

Li 1, Co 1
Ln 1 - Ln 2 of 2 lines

Similarly add a new resource 'ZNewPage' for the page 'New Page'.

9. Navigate to IMG-> Cross Application Components -> Homepage Framework->Areas->Define Areas ->Define Areas (Add Entries). Click on New Entries.

Change View "Define Area Pages (Add Entries)": Details

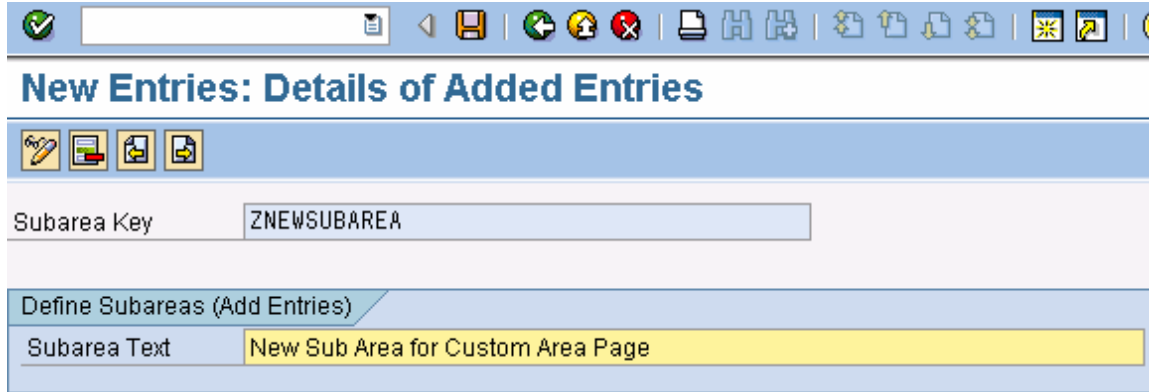
| New Entries | |
|---|----------------------------|
| Area Key | ZNEWAREA |
| Define Area Pages (Add Entries) | |
| Area Link Text | New Area |
| Picture Resource | EMPLOYEE_PERSINFO_PIC |
| Area Link Type | WebDynpro Java application |
| Link Resource | ZNEWAREA |
| Area Description (Summary) | |
| Area Description (Summary) | |
| <div style="border: 1px solid black; padding: 5px;">Custom area</div> | |
| | Li 1, Co 1 |
| | Ln 1 - Ln 1 of 1 lines |
| Area Description | |
| Area Description Heading | |
| Area Description (Long Text) | |
| <div style="border: 1px solid black; padding: 5px;">New area page for ESS customisation</div> | |
| | Li 1, Co 1 |
| | Ln 1 - Ln 1 of 1 lines |

Enter the resource name created for area page in Link Resource field as shown in image above.

Note: An existing Picture resource has been given for this Area page. If custom picture is needed, a new resource can be created and entered here.

10. Define a new Sub-Area.

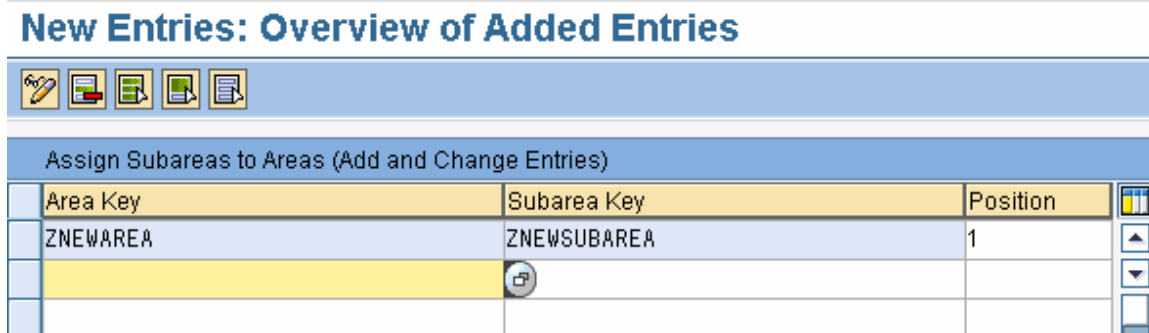
IMG-> Cross Application Components -> Homepage Framework->Subareas->Define Subareas ->Define Subareas (Add Entries). Click on New Entries.



11. Add this Subarea to 'New Area' as shown in figure below.

Remember to given a position to the subarea. Subarea will not be visible if position is given as 0 or left blank.


IMG-> Cross Application Components -> Homepage Framework->Subareas->Assign Subareas to Areas-> Assign Subareas to Areas (Add and Change Entries) -> New Entries.



12. Create a new service as shown below. Note that Service type is given as 'Webdynpro Java application' because the page contains an iview which refers to Webdynpro application.

IMG-> Cross Application Components -> Homepage Framework->Services->Define Services-> Define Services (Add Entries) -> New Entries.

New Entries: Details of Added Entries




Service Key

Define Services (Add Entries)

| | |
|--|---|
| Service Link Text | <input style="width: 95%;" type="text" value="Sample Service for new area page"/> |
| Service Type | <input style="width: 95%;" type="text" value="WebDynpro Java application"/> |
| Link Resource | <input style="width: 95%;" type="text" value="ZNEWPAGE"/> |
| <input type="checkbox"/> Emphasized | |
| <input checked="" type="checkbox"/> Quick Link | |
| <input type="checkbox"/> Disabled | |
| Superord. Service | <input style="width: 95%;" type="text"/> |
| Service Group | <input style="width: 95%;" type="text"/> |
| Proxy Class | <input style="width: 95%;" type="text"/> |
| <input type="checkbox"/> Help Service | |
| Help Service | <input style="width: 95%;" type="text"/> |
| RFC Destination | <input style="width: 95%;" type="text"/> |

Service Description



Li 1, Co 1
Ln 1 - Ln 1 of 1 lines

13. Add this service to Subarea.

IMG-> Cross Application Components -> Homepage Framework->Services->Assign Services to Subareas-> Assign Services to Subareas (Add and Change Entries) -> New Entries.

Change View "Assign Services to Subareas (Add and Change E

| Subarea Key | Service Key Short (Table Key) | Position |
|-------------|-------------------------------|----------|
| ZNEWSUBAREA | EWPAGE | 1 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

14. As the last step, you need to add Group page to Group Area page, to make it visible on ESS Overview Page.

IMG-> Cross Application Components -> Homepage Framework->Areas -> Assign Areas to Area Group Pages -> Assign Areas to Area Group Pages (Add and change Entries).

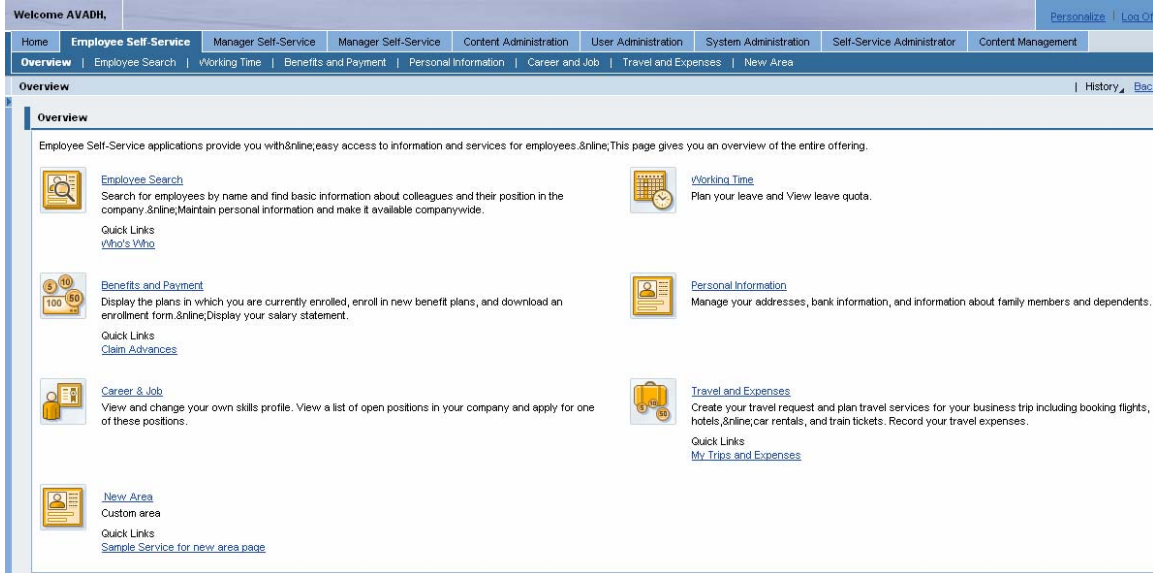
Click on 'New Entries'.

Display View "Assign Areas to Area Group Pages (Add and Cha

| Area Group Key | Area Key | Position |
|-----------------------|----------|----------|
| SAPDEFAULTESS_ERP2005 | EWAREA | 9 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Save and log-off.

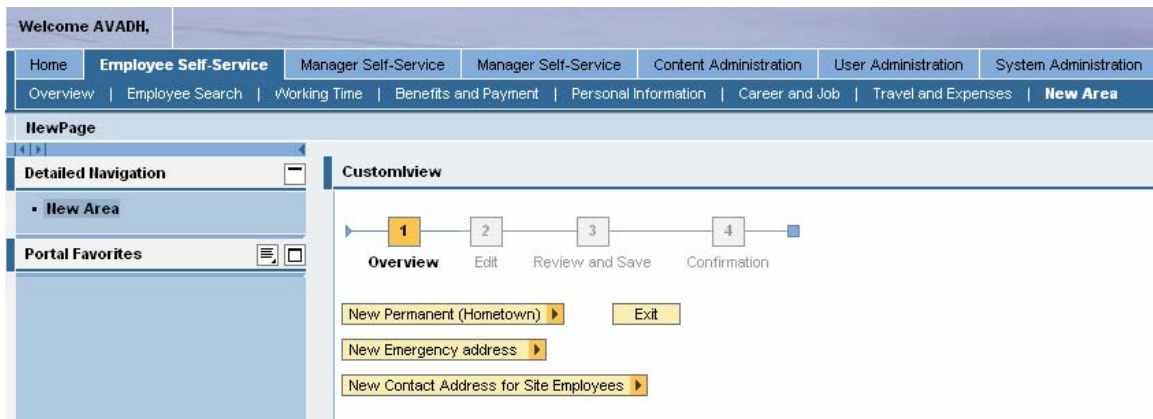
15. Now login to Portal with a user having ESS access.



Note that 'New Area' is visible in TLN as well as in Overview page. Click on 'New Area' link, the sub-area will open up as below:



Click on Service will open the corresponding Webdynpro application.



Related Content

Please include at least three references to SDN documents or web pages.

- [SAP Help](#)
- [SDN Thread](#)
- [SDN](#)

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