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Fiori app configuration in SAP Fiori Launchpad

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Overview

- Once SAP UI5 app has been deployed in SAP Fiori (Front-End) server, we need to do some configurations for accessibility of this app in SAP Fiori Launchpad.
- SAP Fiori launchpad is a shell that hosts SAP Fiori apps, and provides the apps with services such as navigation, personalization, embedded support, and application configuration.
- SAP Fiori launchpad is the entry point to SAP Fiori apps on mobile and desktop devices.
- In this blog, we will come to know about steps to configure any custom UI5 for SAP Fiori launchpad access.
- This blog is part of below parent blog:
 - [SAP Fiori – Custom App Implementation](#)

Pre-requisites:

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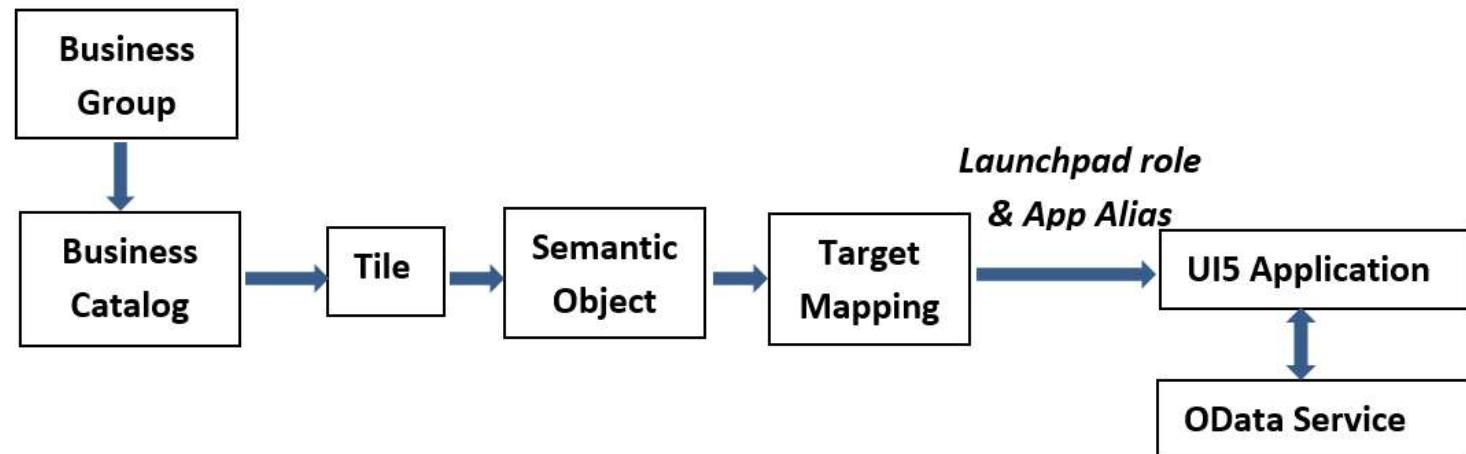
- SAP Fiori Server (Front-end)
- SAP Fiori Launchpad Url:
 - http://<host>:<port>/sap/bc/ui5_ui5/ui2/ushell/shells/abap/FioriLaunchpad.html
- SAP Fiori Designer Url:
 - http://<host>:<port>/sap/bc/ui5_ui5/sap/arsvc_upb_admn/main.html

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Steps of Configuration:

In SAP-Fiori Launchpad, a SAP-UI5 application get accessed using following flow of components:



[1] Create Semantic Object in SAP Fiori Server (Front-end) server

- T-code: /n/UI2/SEMOBJ
- Steps:
 - Semantic object with which we link '*Business Tile*' and '*Target Mapping*' within '*Business Catalog*'
 - Go to t-code -> change -> click on 'New Entries' ->
 -

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Change View "Semantic Objects - Customer View": Overview

New Entries

Semantic Objects - Customer View

- enter the details like object name , description etc.
- **New Entries: Overview of Added Entries**

Semantic Objects - Customer View

Semantic Object	Semantic Object Name	Semantic Object Description
ztest_sem	Sem obj for Test App	Smantic Object for Test Fiori App

- click on icon 'save' to save it.

[2] Create Launchpad Role in SAP Fiori Server (Front-end) server

- T-code: LPD_CUST
- Notes:
 - We define Launchpad roles to link SAP UI5 Application with Tiles
 - One Launchpad role can have multiple SAP UI5 Application references each will be differentiated with help of Alias name.
 - Launchpad role and specific Alias combination will be referred in 'Target Mapping' of Catalog configuration to link one SAP-UI5 application.
 - Go to t-code -> click on button 'New Launchpad' ->
- Steps:

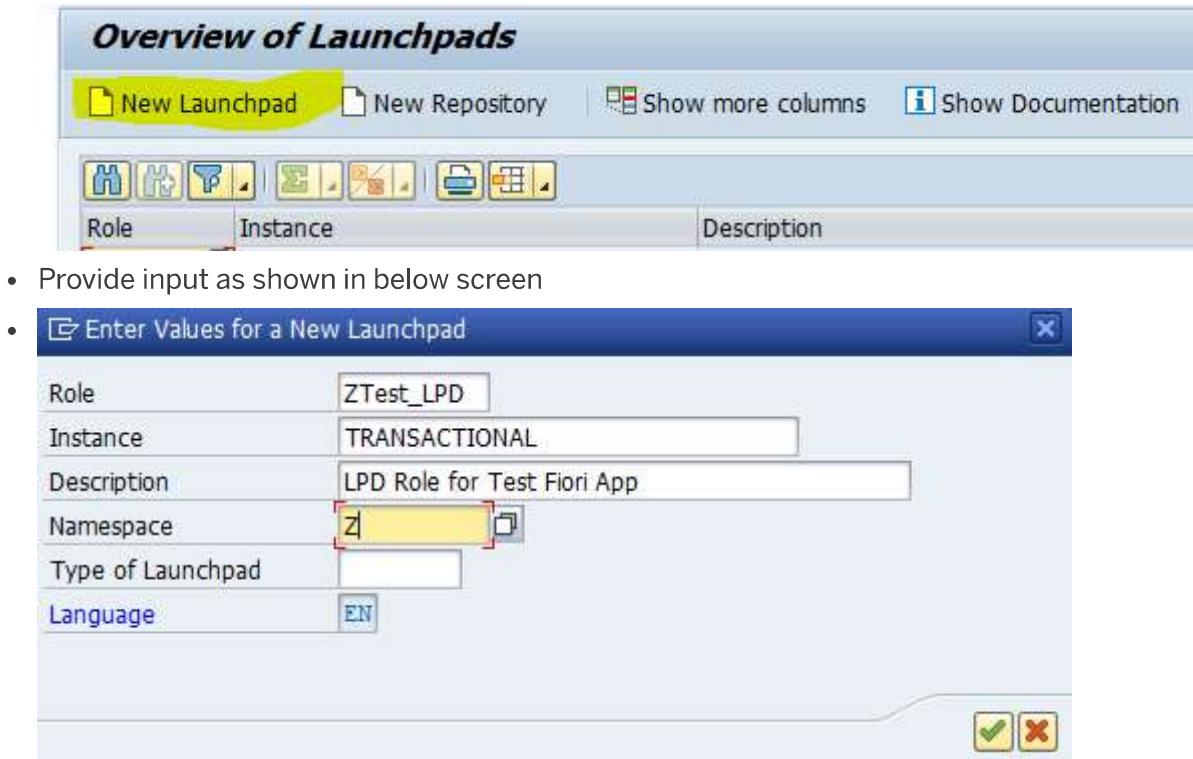
1. Create New Launchpad Application:

- Go to tcode -> click on button 'New Launchpad' ->
-

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- Provide input as shown in below screen
-
- Here put some namespace as 'Z', it is required while including this role to TR (Transport-Request)
- Click ok icon -> Click 'Yes' in next window.
- In Next window, click on 'New Application' to create new UI5 application link->



- end.

2. Create New Application which requires below details:

- Link Text:

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- Title of Launchpad Role for fiori App
- Note: While accessing app from Fiori Launchpad, this LPD text get appears as header title for each page in new SAP-Fiori Hana upgrade

- Url



- This entry is to refer SAPUI5 application path which post-deployment resides in t-code 'SICF' path

- Application Alias

- One 'Launchpad Role' can have multiple UI5 application links, each should have unique alias
- Launchpad role name with its Alias name identifies one application link

- Additional Information

- Here enter UI5 app's component name defined in Component.js
- Syntax: Component=<ui5 app component name>
- For e.g. Component= ZTest_App01
- Below 'Component.js' screen can be referred where component name is present

```

jQuery.sap.declare("ZTest_App01.Component");
sap.ui.core.UIComponent.extend("ZTest_App01.Component",
{
    metadata : {},
    createContent : function() {},
    destroy : function() {}
});

```

- LPD Role's application looks like as below after saving the details

- **Change Launchpad - Role: ZTEST_LPD Instance: TRANSACTIONAL (EN)**

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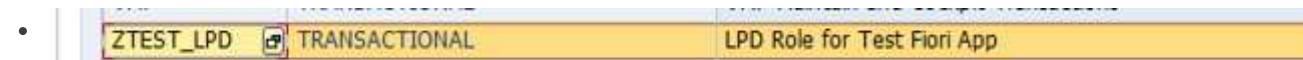
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The screenshot shows the 'Change Launchpad - Role' configuration interface. On the left, there's a tree view under 'Customer Launchpad' showing 'LPD Role for Test Fiori App' (Folder), 'Inactive Applications' (Folder), and 'Test Fiori App 01' (URL). The right side contains several configuration sections:

- Link Details:** Link Text: 'Test Fiori App 01', Description: (empty).
- Application Type:** Application Type: 'URL' (highlighted with a yellow circle).
- Application Parameter:** URL: '/sap/bc/ui5_ui5/sap/ztest_app/' (highlighted with a yellow circle).
- System:** System Alias: (empty).
- Advanced Parameters (Optional):** Application - Deactivation by User: 'Application Cannot be Removed from Launchpad' (unchecked).
- Application-Related Parameters:**
 - Application Alias: 'Test_App01' (highlighted with a yellow circle).
 - Target App. Parameters: (empty).
 - Suspend/Resume: (checkbox checked).
 - Proxy Class: (empty).
 - Additional Information: 'SAPUI5.Component=ztest_app' (highlighted with a yellow circle).
 - FPM Event ID: (empty).

At the bottom, a message says 'Data has been saved successfully' with a checkmark, and the SAP logo is visible.

- Once saved we can see role in t-code 'LPD_CUST' as in below screen



- end.

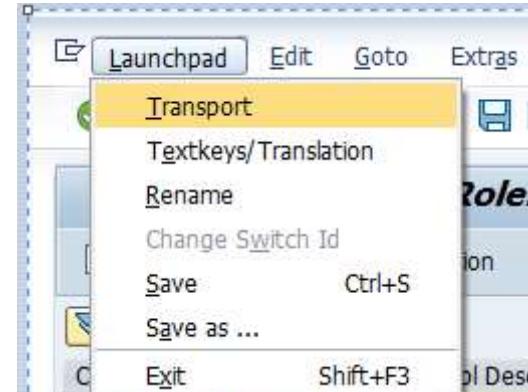
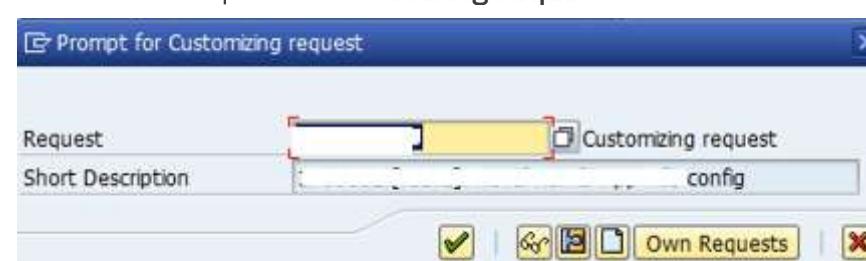
3. Steps to include Launchpad role in TR:

- We can include Launchpad roles in TRs for trasnporting it from one system to another

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- Pre-requisites: Two transport request (TR) required:
 - i. One as customized request (CSR)
 - ii. One as workbench request (WBR)
- To Include Launchpad role in transport request, follow steps as below
 - open Launchpad Role from t-code 'LD_CUST' > go to Menu 'Launchpad'-> click on 'Transport'
 - 
 - In next window enter Package details
 - 
 - In Next window provide Customizing Request
 - 
 - In Next window enter provide Workbench Request
 -

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- Once done below screen appears



- end.

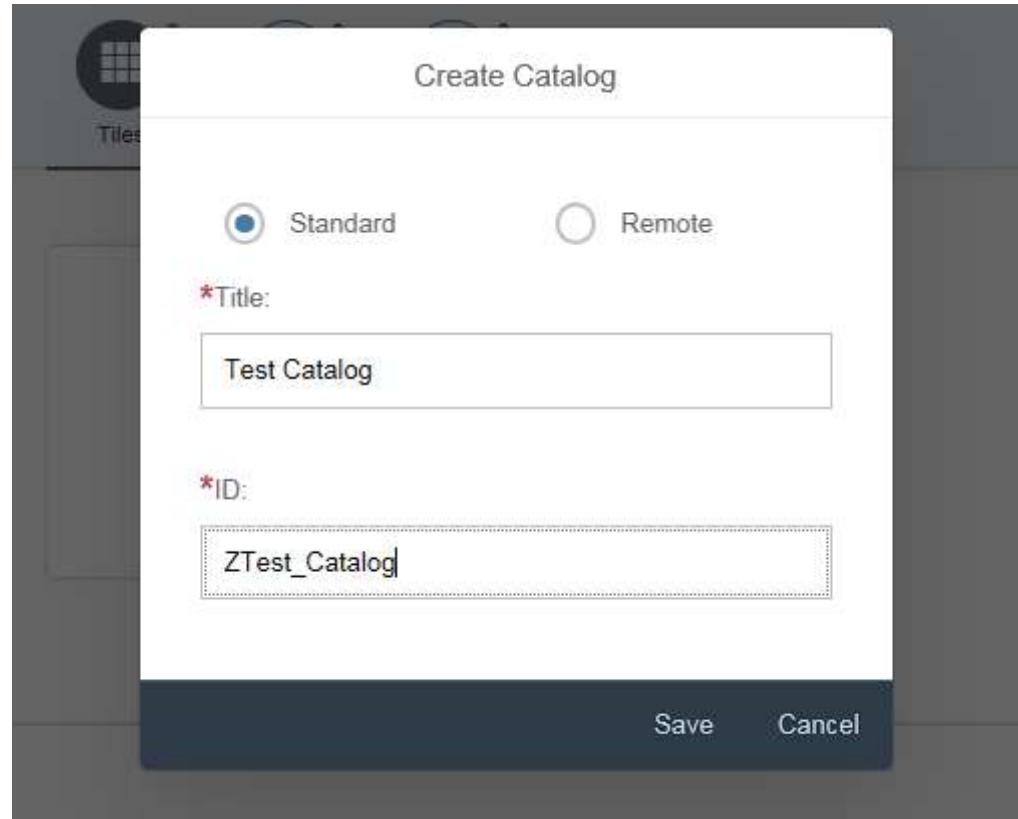
[3] Create Business Catalog

- SAP Fiori Designer Url:
 - http://<host>:<port>/sap/bc/ui5_ui5/sap/arsvc_upb_admn/main.html
- Steps:
- Login to above 'SAP Fiori Designer Url'
- To add a Catalog, in 'Catalog' section click on plus '+' icon
-

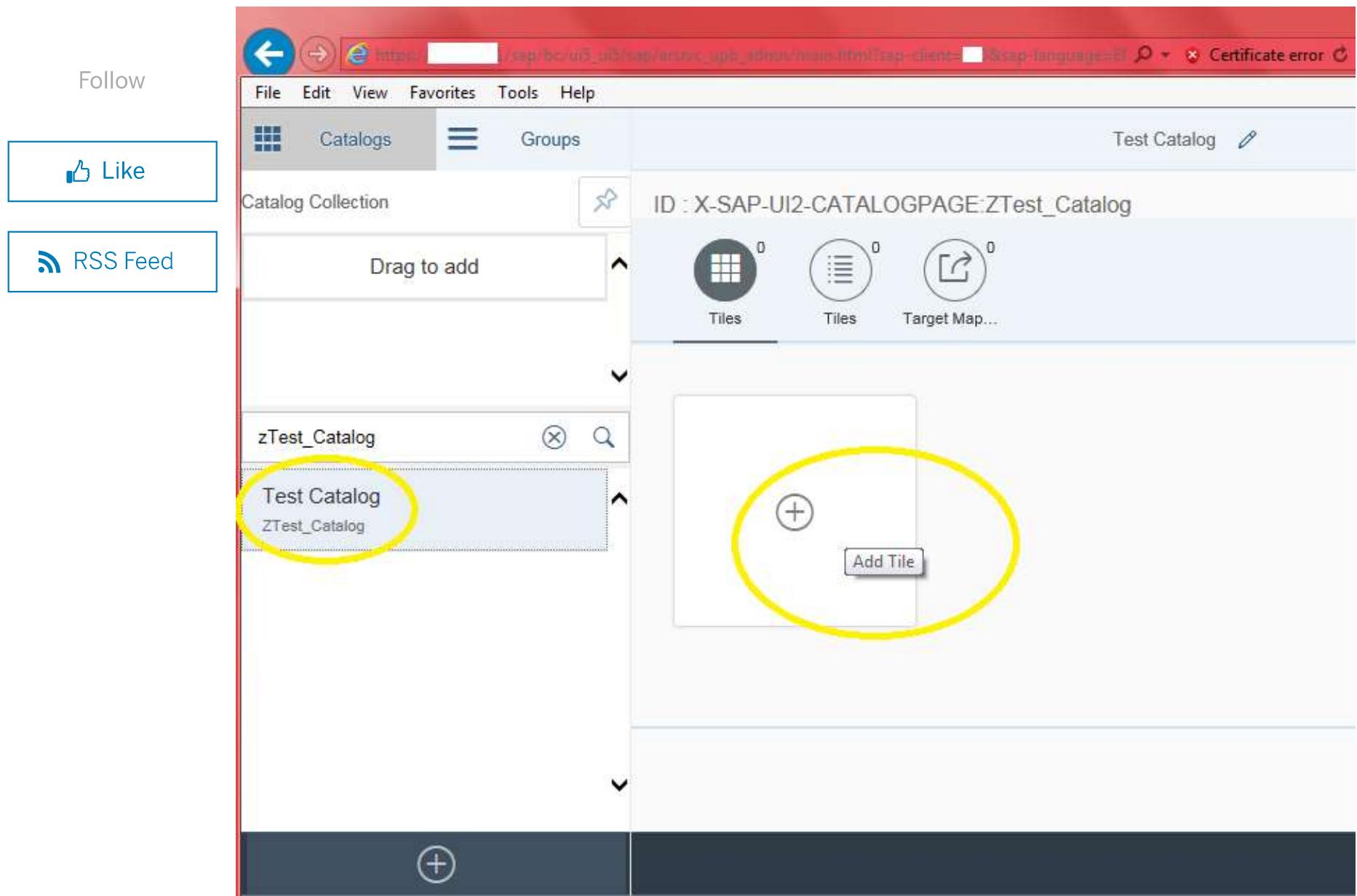
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The screenshot shows the SAP Fiori Launchpad interface for app configuration. The top navigation bar includes File, Edit, View, Favorites, Tools, and Help. The main menu has 'Catalogs' highlighted with a yellow circle. A sub-menu titled 'Catalog Collection' is open, showing a placeholder 'Drag to add'. To the right, there's a section for 'Tiles' with three items: 'Tiles' (0), 'Tiles' (0), and 'Target Map...' (0). Below this is a search bar labeled 'Search for catalogs'. A list of catalogs is displayed, with 'SAP_CMD_BC_BUSINESS_AN...' currently selected. At the bottom, a dark bar features a 'Create Catalog' button with a plus sign, also circled in yellow.

- Enter Catalog Id and title in pop-up window
-

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- Now once catalog gets added, we can see it left panel, now next we need to add a 'Tile'
-



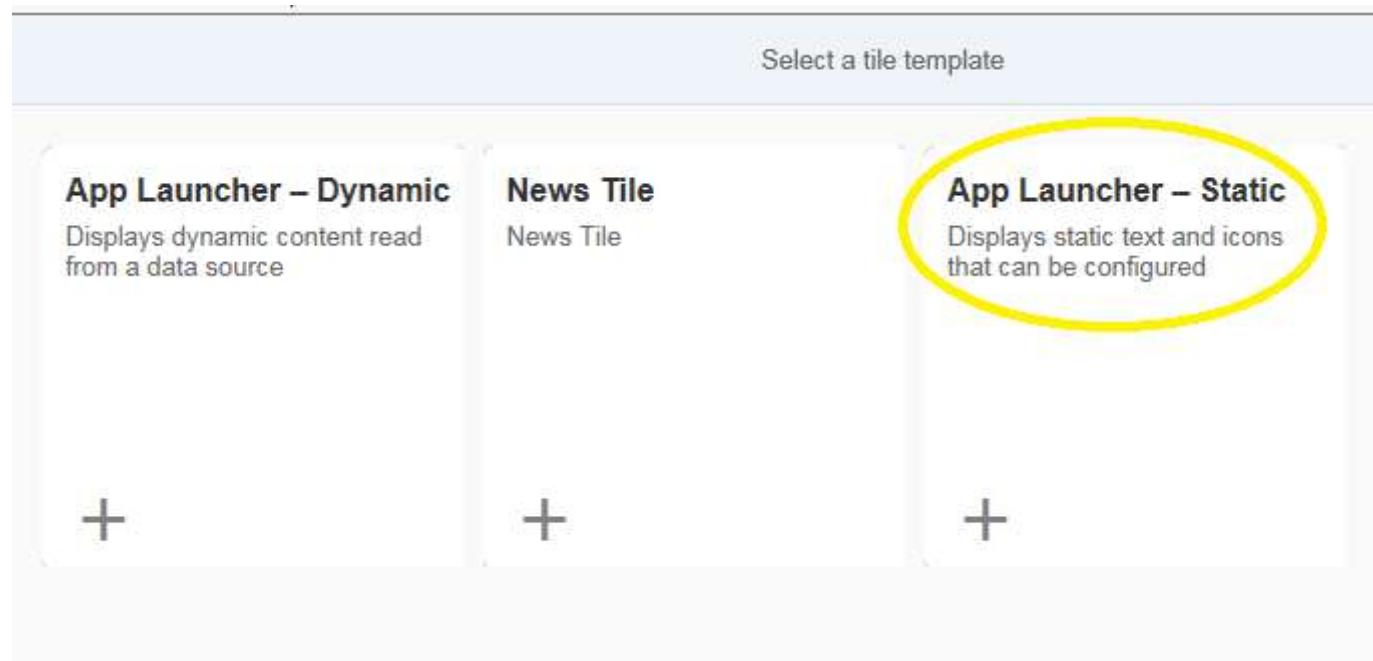
- Here we can add tile as of below types:
 - Static
 - Dynamic
 - New Tile

- select “App Launcher – Static” Tile

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- Enter Title, Subtitle, Semantic Object, Action in Tile and save it.
-

The screenshot shows the configuration interface for a Fiori app named 'Test App'. The configuration includes:

- General:**
 - Title: Test App
 - Subtitle: Fiori Example
 - Keywords: (empty)
 - Icon: sap-icon://Fiori2/F0018
 - Information: Test App example
- Navigation:**
 - Use semantic object navigation:
 - Semantic Object: ZTest_Sem
 - Action: display
 - Parameters: (empty)
 - Target URL: #ZTest_Sem-display
- Follow:** Follow button
- Sharing:** Like and RSS Feed buttons

- Once Tile gets added it can be seen as below:
-

The screenshot shows the SAP Fiori Launchpad interface for configuring a catalog. At the top, there are tabs for 'Catalogs' (selected), 'Groups', and 'Test Catalog'. Below the tabs, a 'Follow' button is visible. On the left, there's a sidebar with 'Like' and 'RSS Feed' buttons. A search bar at the top left contains 'ZTEST'. A dropdown menu shows 'Test Catalog' (ID: ZTest_Catalog) selected. The main area displays a catalog collection titled 'ID: X-SAP-UI2-CATALOGPAGE:ZTest_Catalog'. It includes three items: 'Tiles' (1), 'Tiles' (1), and 'Target Map...' (0). A tooltip indicates 'Configuration successfully changed for tile 'Test App''. A status bar at the bottom has a '+' icon.

- Now click on icon 'Target Mapping' -> click on status bar button 'Create Target Mapping'
-

The screenshot shows the SAP Fiori Launchpad interface. On the left, there's a sidebar with 'Follow' and social sharing buttons ('Like' and 'RSS Feed'). The main area has two tabs: 'Catalogs' (selected) and 'Groups'. Under 'Catalogs', there's a 'Catalog Collection' section with a 'Drag to add' placeholder. Below it, a search bar shows 'ZTEST' and a list for 'Test Catalog' with one item 'ZTest_Catalog'. In the top right, there's a 'Test Catalog' header with a pencil icon. The central part of the screen displays a catalog entry with ID 'X-SAP-UI2-CATALOGPAGE:ZTest_Catalog'. It shows three items: 'Tiles' (1), 'Tiles' (1), and 'Target Map...' (0). The 'Target Map...' item is circled in yellow. At the bottom, there's a footer bar with a plus sign, a 'Create Target Mapping' button (circled in yellow), a 'Configure' button, and a 'Create Reference' button.

- Enter same Semantic Object name and action as of 'Tile'
-

The screenshot shows the SAP Fiori Launchpad configuration interface for setting up a target mapping. The URL in the browser bar is <https://sapui5.hana.ondemand.com/expo/UI5/app-admin/main.html#/Catalog/X-SAP-UI2-CATALOGOPY>. The page title is 'Configure: 'Target Mapping''. The 'Intent' section contains 'Semantic Object: ZTest_Sem' and 'Action: display'. The 'Target' section includes 'Application Type: SAP Fiori App using LPD_CUST', 'Launchpad Role: ZTEST_LPD', 'Launchpad Instance: TRANSACTIONAL', 'Application Alias: Test_App01', and an empty 'Application ID' field. The 'General' section has an 'Information' field containing 'Test Fiori App 01' and 'Device Types' checkboxes for Desktop, Tablet, and Phone, all of which are checked. Below that is a 'Parameters' table with one row: 'Name' (checkbox) and 'Value' (checkbox). At the bottom right are 'Save' and 'Cancel' buttons.

- And save it.
-

The screenshot shows the SAP Fiori Launchpad Catalogs screen. A catalog named "ZTEST" is selected. Inside, a catalog collection "Test Catalog" contains a single item "ZTest_Catalog". The catalog itself contains three tiles: "Tiles" (1), "Tiles" (1), and "Target Map..." (1). A tooltip message "Configuration successfully changed for tile 'Target Mapping'" is displayed. Below the catalog, a table lists semantic objects and their mappings:

Semantic Object	Action	Navigation Type	Information
ZTest_Sem	display	SAP Fiori App using LPD_CUST	Test Fiori App 0

- Thus Tile and 'Target Mapping' is linked using 'Semantic Object' + 'Action'
- and 'SAP UI5 application' path is linked in 'Target mapping' via 'Launchpad Role'
 - Catalog -> Tile -> 'Target Mapping' -> 'Launchpad Role' -> UI5 App

[4] Create Business Group

- SAP Fiori Designer Url:
 - http://<host>:<port>/sap/bc/ui5_ui5/sap/arsvc_upb_admn/main.html
- Note:
 - One 'Business Group' can have single or multiple Tile from same Catalog or multiple Catalog
 - With this 'Business Group', we control app/tile accessibility to users in SAP Fiori Launchpad
- Steps:
 - Login to above 'SAP Fiori Designer Url'

- Create Business Group -> go to Group -> click on '+' sign to add group

The screenshot shows the SAP Fiori Launchpad interface. At the top, there are navigation icons for Catalogs and Groups. The Groups icon is highlighted with a yellow circle. Below it is a search bar labeled "Search for groups" with a magnifying glass icon. The main area displays a list of business groups, each with a name, type, and count. The groups listed are: S... (1), S... (1), A... (1), A... (1), A... (1), A... (12), A... (1), A... (4), and A... (1). At the bottom of the screen, there is a dark footer bar with a blue button containing a white plus sign (+) and a "Create Group" label.

Name	Type	Count
S...		1
S...		1
A...	R/I...	1
A...		1
A...	tin...	1
A...	_RU	
A...	ab...	12
A...	orti...	1
A...	ina...	4
A...	ina...	1
S..._D..._B..._C..._M..._U...		

- Enter Group details

-

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Create Group

*Title:

*ID:

Group personalization:

Enable users to personalize their group

Save Cancel

- Once Group get added, we can assign multiple tiles from different catalogs.
- Here select our test catalog and add tile as below
-

The screenshot shows the SAP Fiori Launchpad interface. At the top, there are two tabs: 'Catalogs' and 'Groups'. The 'Groups' tab is selected, showing a list of groups. One group, 'ztest', is highlighted. To the right of the list, it says 'ID : ZTest_Group'. Below the list, there are two options: 'Show as Tiles' and 'Show as Links'. On the left side, there are two blue rectangular buttons: 'Like' and 'RSS Feed'. In the top right corner, there is a button labeled 'Test Group01' with a pencil icon.

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Catalogs Groups

ztest

X

Test Group01
ZTest_Group

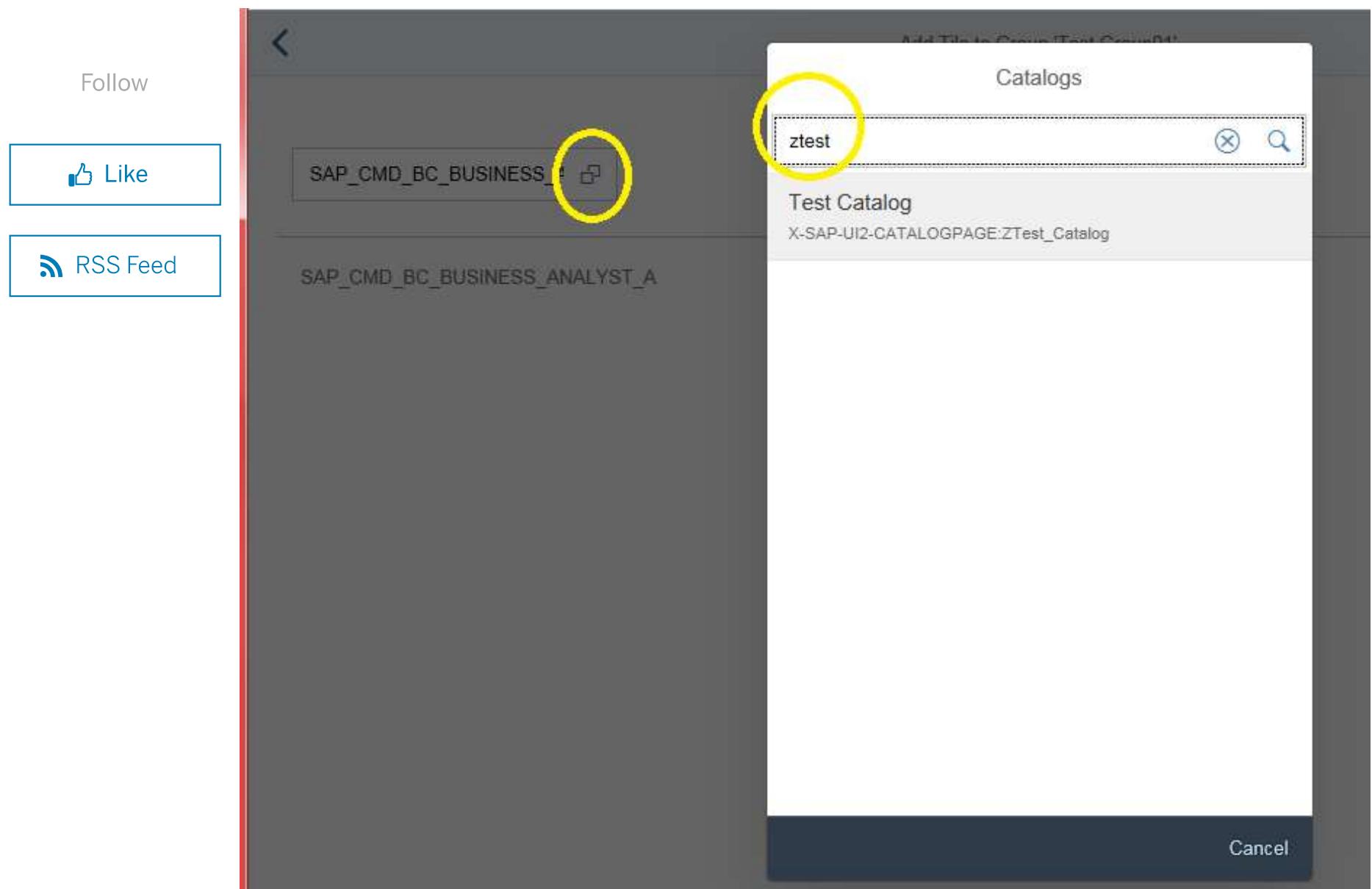
ID : ZTest_Group

Show as Tiles

Add Tile

Show as Links

- Open Catalog F4 help pop-up from button and search/select test-catalog
-

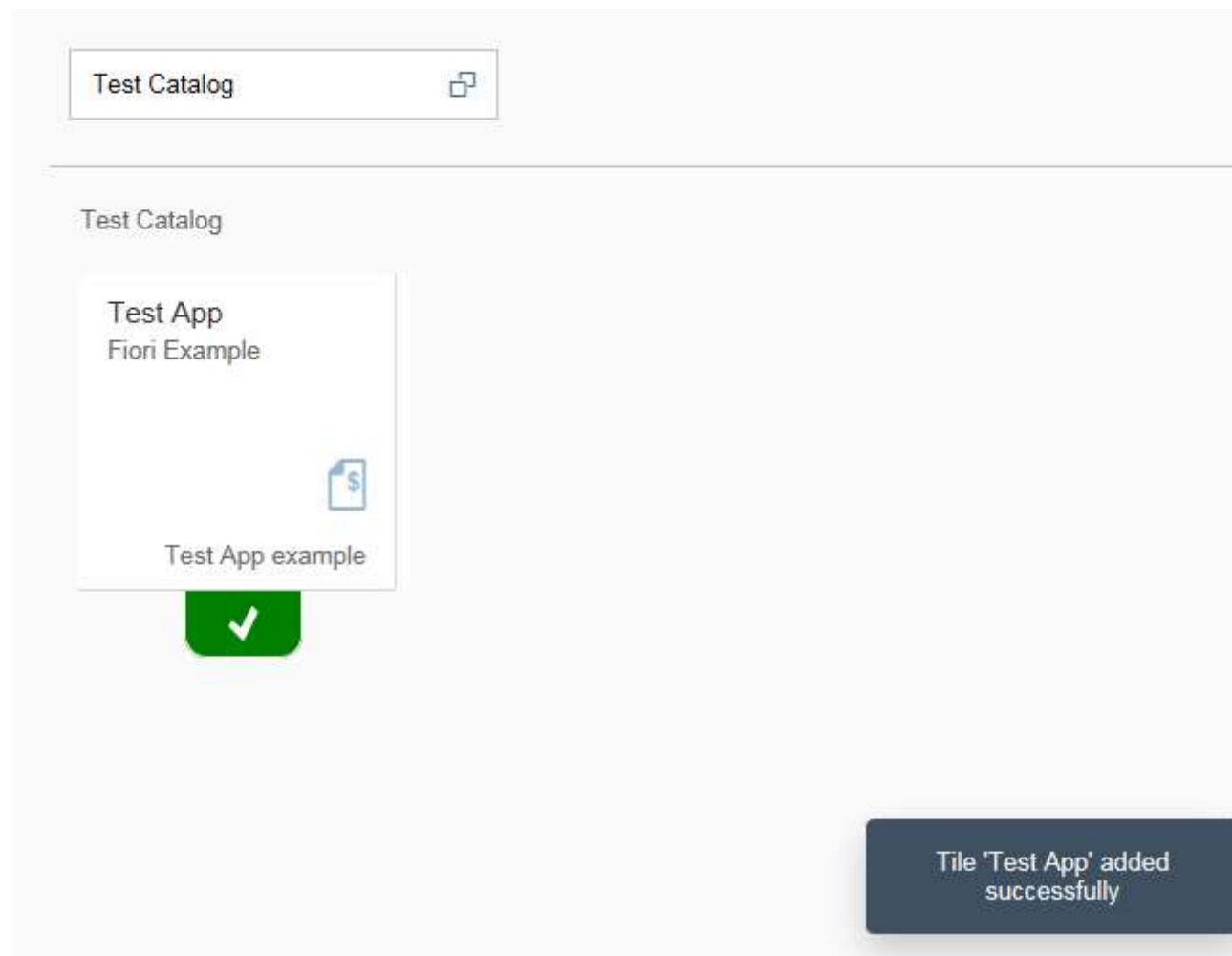


- Once catalog is selected, all tile of this catalog can be visible
- We have to add catalog by selecting '+' icon of Tile, which gets changed to 'ok' icon post addition
-

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- Here we can select multiple 'Tile' from same Catalog or from multiple Catalog
- Thus once group has one tile assigned, it appears as below
-

The screenshot shows the SAP Fiori Launchpad Groups page. At the top, there are navigation icons for Catalogs and Groups, and a search bar containing 'ztest'. Below the search bar, a search result for 'Test Group01' is displayed, with its ID listed as 'ZTest_Group'. To the right of the search result, there is a section titled 'Show as Tiles' which displays a single tile for 'Test App Fiori Example'. The tile has a small icon of a document with a dollar sign, and the text 'Test App example' below it.

- end

[5] Create App's PFCG Role in SAP Fiori Server (Front-end) server

- T-code: PFCG
- Once 'Business Catalog' and 'Business Group' gets created, their access needs to be provided to user-id, for same we create a PFCG role specific to UI5 application which can be assigned to user-ids
- For customized app's accessibility in Fiori Launchpad page, one user-id will be assigned two PFCG Roles, which are:
 1. One PFCG Role for Fiori Launchpad accessibility, which includes below default services acces
 - R3TR IWSG ZINTEROP_0001
 - R3TR IWSG ZPAGE_BUILDER_PERS_0001
 - R3TR IWSG ZTRANSPORT_0001
 - R3TR IWSV /UI2/INTEROP 0001
 - R3TR IWSV /UI2/LAUNCHPAD 0001
 - R3TR IWSV /UI2/PAGE_BUILDER_PERS 0001

- Note: Post activation/registration of above standard services, they get renamed with 'Z' prefix

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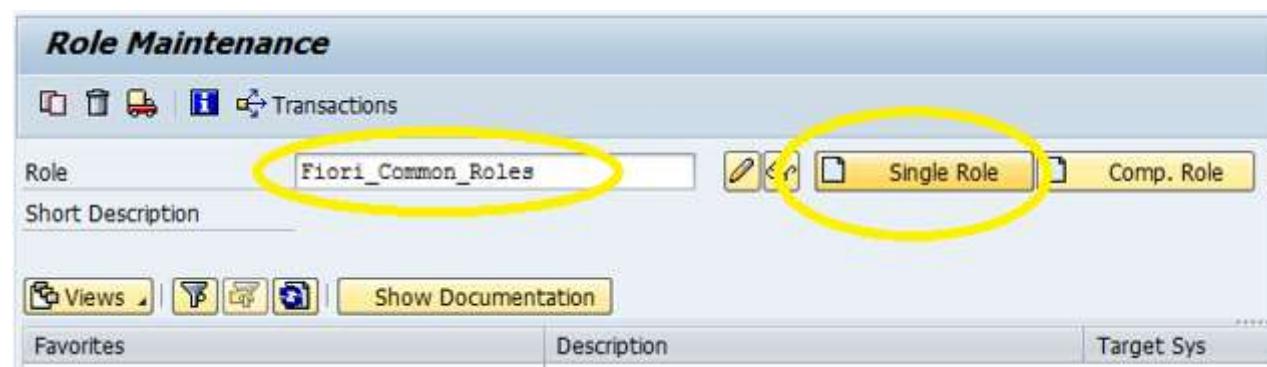
2. One PFCG Role for SAPUI5 Application, which includes:

- Business Group
- Business Catalog
- Odata Service accessibility

Steps:

[A] Create PFCG Role for Fiori Launchpad accessibility

- To create PFCG roles go to t-code 'PFCG' -> Enter Role name -> click on button 'Single Role'



- Enter description
- Go to Tab 'Menu' -> click on end point of button 'Transaction' -> select 'Authorization Default' ->
-

The screenshot shows the SAP Fiori Launchpad 'Change Roles' interface. In the top navigation bar, there are icons for 'Other role', 'Inheritance', and a help icon. The main area is titled 'Role' with a sub-section for 'Role'. The 'Role' field contains 'FIORI_COMMON_ROLES', and the 'Description' field contains 'Common Roles for Fiori App access'. The 'Target System' field is empty, and the 'No destination' checkbox is selected. Below the role details, there are tabs for 'Description', 'Menu', 'Workflow', 'Authorizations', 'User', and 'MiniApps'. A context menu is open over the 'Authorization Default' item in the 'Hierarchy' list, which includes options like 'Transaction', 'Report', 'Authorization Default' (selected), 'BSP Application', 'SAP Fiori Tile Catalog', 'SAP Fiori Tile Group', 'Web Dynpro Application', 'SAP BW', and 'Other'.

- Here we add below standard registered Fiori Launchpad services with parameters as shown in screens:
 - R3TR IWSG ZINTEROP_0001
 - R3TR IWSG ZPAGE_BUILDER_PERS_0001
 - R3TR IWSG ZTRANSPORT_0001
 - R3TR IWSV /UI2/INTEROP 0001
 - R3TR IWSV /UI2/LAUNCHPAD 0001
 - R3TR IWSV /UI2/PAGE_BUILDER_PERS 0001
- These are required for accessibility of Fiori Launchpad to any user
- Add R3TR IWSG
-

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Service	
Authorization Default	HT TADIR Service
Program ID	R3TR
Obj. Type	IWSG SAP Gateway: Service Groups Metadata
TADIR Service	Text
ZINTEROP_0001	
ZPAGE_BUILDER_PERS_0001	
ZTRANSPORT_0001	

- Add R3TR IWSV

- **Service**

Service	
Authorization Default	HT TADIR Service
Program ID	R3TR
Obj. Type	IWSV SAP Gateway Business Suite Enablement -
TADIR Service	Text
/UI2/INTEROP	0001
/UI2/LAUNCHPAD	0001
/UI2/PAGE_BUILDER_PERS	0001

-
- Now add user in tab 'USER' to which app access is to be given for e.g. 'DILIPP' and perform user comparison
- And generate authorization profile in tab 'Authorization'
- Once above activities gets completed our roles looks like as below:
-

The screenshot shows the SAP Fiori Launchpad interface for displaying roles. At the top, there are tabs for 'Other role' (selected), 'Inheritance', and a help icon. Below the tabs, the 'Role' section is displayed with the following details:

- Role:** FIORI_COMMON_ROLES
- Description:** Common Roles for Fiori App access
- Target System:** [empty field]
- Status:** No destination

Below the role details, there is a navigation bar with tabs: Description (selected), Menu, Workflow, Authorizations, User, MiniApps, and Personalization. Under the 'Menu' tab, there is a toolbar with icons for various actions like Transaction, Transaction Catalog, Help, etc.

The main content area shows a 'Hierarchy' tree under the 'Role Menu' node. The tree structure is as follows:

- Role Menu
 - R3TR IWSG ZINTEROP_0001
 - R3TR IWSV /UI2/INTEROP 0001
 - R3TR IWSV /UI2/LAUNCHPAD 0001
 - R3TR IWSV /UI2/PAGE_BUILDER_PERS 0001
 - R3TR IWSG ZPAGE_BUILDER_PERS_0001
 - R3TR IWSG ZTRANSPORT_0001

To the right of the hierarchy tree, there is a 'Node Details' panel with three tabs: Type, Object, and Text. The 'Type' tab is selected.

- [B] Create PFCG Role for SAPUI5 Application
 - To create PFCG roles go to t-code 'PFCG' -> Enter Role name -> click on button 'Single Role'
 - Enter description
 - Go to Tab 'Menu' -> click on end point of button 'Transaction' -> select 'SAP Fiori Tile Catalog' ->
 -

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Change Roles

Other role Inheritance i

Role
Role FIORI_TESTAPP01 Obsolete
Description Role for Fiori Test App.01
Target System No destination

Description Menu Workflow Authorizations User

Transaction Report Authorization Default BSP Application SAP Fiori Tile Catalog SAP Fiori Tile Group Web Dynpro Application SAP BW Other

The screenshot shows the SAP Fiori Launchpad interface for managing roles. In the top navigation bar, there are icons for 'Other role', 'Inheritance', and a help icon. The main area is titled 'Change Roles' and shows a role named 'FIORI_TESTAPP01' with a description 'Role for Fiori Test App.01'. A checkbox for 'Obsolete' is unchecked. Below the role details, there is a 'Target System' field with a green checkmark indicating 'No destination'. At the bottom of the screen, there is a toolbar with tabs for 'Description', 'Menu', 'Workflow', 'Authorizations', and 'User'. A context menu is open over the 'Menu' tab, listing several options: Transaction, Report, Authorization Default, BSP Application, SAP Fiori Tile Catalog (which is highlighted in yellow), SAP Fiori Tile Group, Web Dynpro Application, SAP BW, and Other. The 'SAP Fiori Tile Catalog' option is selected.

- Adding 'Business Catalog' access: In Next pop-up select 'Business Catalog' which we have created
-

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Change Roles

Other role Inheritance

Role	Description	Target System
Role	FIORI_TESTAPP01	
Description	Role for Fiori Test App 01	
Target System		

Catalog ID (5) 679 Entries found

Restrictions

Catalog ID	Catalog Title
SAP_HR_TC_T	SAP: HCM - Transactional Apps
ZTest_Catalog	Test Catalog
/UI2/CONFIG_NAVIGATION_MODE	Configuration for in-place navigation of classic UIs
/UI2/CONFIG_UIS/CDN	SAP: Configuration for enabling CDN
/UI2/SAPNewsTile	SAP News Tile
/UI2/CONFIG_NOTIFICATION	SAP: Configuration for enabling notifications
/UI2/SAP_KPIFRW5_TC_S	SAP: KPIs (local)
/UI2/SAP_KPIMOD_TC_S	SAP: KPI Modeler(local)
/UI2/SAP_LUMIRA_TC	SAP Lumira
/UI2/SAP_FIORITECH_TC	SAP Fiori Administration
/UI2/FLP_ADMIN	UI2 Fiori Launchpad Administrator
/UI2/CONFIG_PERS_OFF	SAP: Configuration for disabling Personalization
/UIF/SAP_RTA_PLUGIN	SAP Runtime Authoring Plugin
SAP_SCM_BC_CAPA_PLAN	Capacity Planning
SAP_MM_BC_IM_MP	Material Management - Mill Products
SAP_LO_BC_MONTHLY_UTILZN	Globalization - Monthly Utilization
SAP_TC_FL_TRAVEL	Travel Technical catalog for S/4 HANA
SAP_SD_BC RETURNS_DISPL	Sales - Customer Returns Display
SAP_FTM_RC_AR_OPER_PROC_DH	Accounts Receivable - Operational Processing Philippines

Assign Tile Catalog

Hierarchy Catalog Provider: X-SAP-UI2-CATALOGPAGE

Catalog Provider: X-SAP-UI2-CATALOGPAGE Fiori Laun...

Location of Front-End Server:

- Local Front-End Server (selected)
- Remote Front-End Server

Catalog ID: ztest

Include Applications

Display Catalog

Catalog ID: ZTest_Catalog

Test Catalog

Include Applications

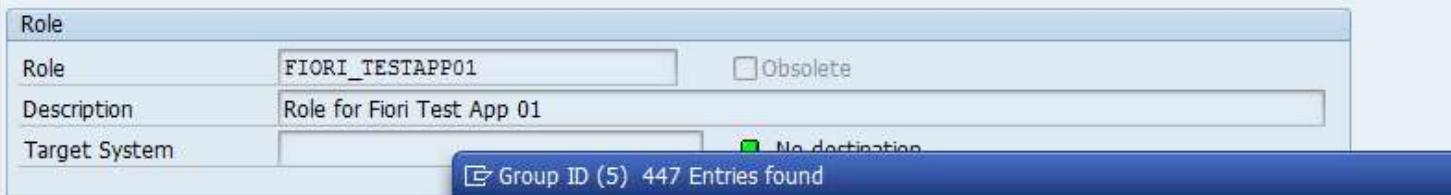
Display Catalog

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- [Adding 'Business Group' access:](#)
- Go to Tab 'Menu' -> click on end point of button 'SAP Fiori Tile Catalog' -> select 'SAP Fiori Tile Group'
- Note: here 'Transaction' button get replaced by 'SAP Fiori Tile Catalog' because last selection was of catalog

◦ 

Role

Role	FIORI_TESTAPP01	<input type="checkbox"/> Obsolete
Description	Role for Fiori Test App 01	
Target System		

Group ID (5) 447 Entries found

Restrictions

Group ID	Group Title
SAP_SLL_BCG_CLASSIFICATION	Foreign Trade Classification
SAP_SLL_BCG_INTRASTAT	Intrastat
SAP_TRAVEL_BCG_BUSINESSTRAVELL	Business Traveler
SAP_TRAVEL_BCG_EMPLOYEE_X1	Employee (Travel)
SAP_TRM_BCG_AC	Treasury - Accounting
SAP_TRM_BCG_CORR	Treasury - Correspondence
SAP_TRM_BCG_HMA	Treasury - Hedge Management and Accounting
SAP_TRM_BCG_MD	Treasury - Market Data Management
SAP_TRM_BCG_OA REP	Treasury - Financial Status
SAP_TRM_BCG_PM	Treasury - Treasury Positions
SAP_TRM_BCG REP	Treasury - Reporting
SAP_TRM_BCG_RM	Treasury - Risk Management
SAP_TRM_BCG_TM_ADD	Treasury - Trader Tools
SAP_TRM_BCG_TM_FT	Treasury - Financial Transactions
SAP_TRM_BCG_TM_FX	Treasury - FX Transactions
SAP_TRM_BCG_TM_MM	Treasury - Money Market Transactions
SAP_TRM_BCG_TM_TF	Treasury - Trade Finance Transactions
ZTest_Group	Test Group01

◦ 

Assign Group

Group ID	ZTest_Group	<input type="checkbox"/> Display Group
Group Title	Test Group01	

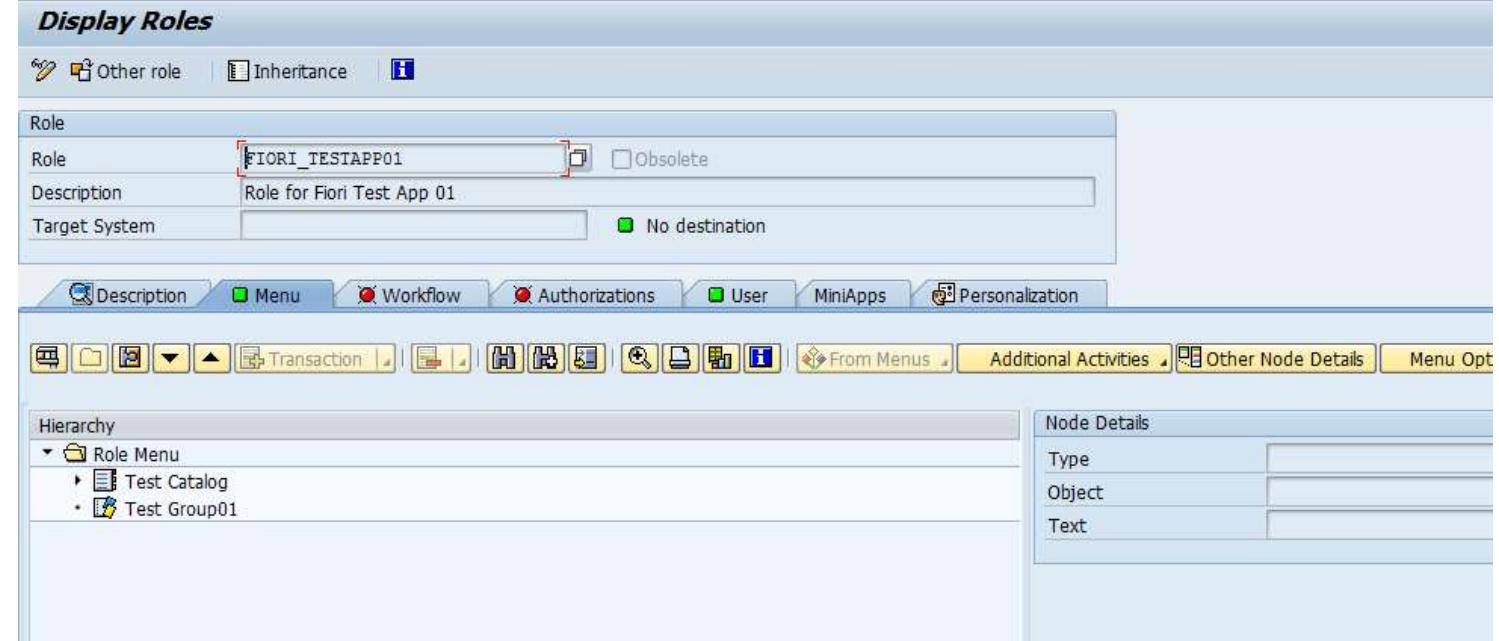
Follow

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-
- [Adding custom 'Odata Service' access:](#)
- If UI5 App is using Custom OData Service, then add R3TR IWSG & IWSV accessibility also
- Go to Tab 'Menu' -> click on end point of button 'SAP Fiori Tile Group' -> select 'Authorization Default' ->
- Now add user in tab 'USER', to which app access is to be given for e.g. 'DILIPP' and perform user comparison
- And generate authorization profile in tab 'Authorization'
- Once above activities gets completed our roles looks like as below:

Display Roles



The screenshot shows the SAP Fiori Launchpad interface for managing roles. A single role entry is displayed:

- Role:** FIORI_TESTAPP01
- Description:** Role for Fiori Test App 01
- Target System:** [empty]
- Status:** No destination

The interface includes several tabs at the top: Description, Menu, Workflow, Authorizations, User, MiniApps, Personalization, Transaction, From Menus, Additional Activities, Other Node Details, and Menu Opt.

Hierarchy:

- Role Menu
 - Test Catalog
 - Test Group01

Node Details:

- Type: [empty]
- Object: [empty]
- Text: [empty]

-
- **[C] Role assignment to user-id**
 - Suppose one user-id 'DILIPP' needs to access our test app, then we need to assign PFCG role to this user-id
 - In SAP-fFori server, Go to t-code 'SU01' -> Tab 'roles' -> add roles
 -

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Display Users

User DILIPP User with Classic Address

Changed By L_____ Status Saved

Documentation Address Logon Data SNC Defaults Parameters Roles Profiles Groups Personalization

Reference User User master record

Role Assignments

Status	Role	T	Start Date	End Date	Short Role Description
Active	FIORI_COMMON_ROLES	PI	31.12.9999	31.12.9999	Common Roles for Fiori App access
Active	FIORI_TESTAPP01	PI	31.12.9999	31.12.9999	Role for Fiori Test App 01

- Now login SAP Fiori Launchpad using this user-id, we get access of UI5 app tile.

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Mantri Shekar

November 22, 2017 at 2:44 am

Hi Dileep,

I am trying to Configure Custom UI5 App to FIORI Launchpad am getting below error.

Please fin ethe screen shot below for detailed error.

The screenshot shows a browser window with multiple tabs open, including 'SAP Web IDE' and 'configure'. A central modal dialog box displays the message 'Could not open app. Please try again later.' with an 'OK' button. Below the dialog, the SAP Fiori Launchpad interface is visible, showing 'Sales Settlement Management' and 'ZGRP' tabs. The bottom half of the screen is occupied by the SAP Web IDE developer tools, specifically the 'Console' tab. The console output is filled with numerous error messages in red, detailing issues with component loading and descriptor errors. The log entries include:

- 2017-11-22 07:29:20.364465 App com.shekar.demoZSHEKAR_DEMO has errors and may not run correctly; please see SAP Note 2364579 - com.shekar.demoZSHEKAR_DEMO
- 2017-11-22 07:29:20.365979 Error in app component com.shekar.demoZSHEKAR_DEMO: No descriptor was found - com.shekar.demoZSHEKAR_DEMO
- 2017-11-22 07:29:20.367584 registerResourcePath ('com/shekar/demoZSHEKAR_DEMO', '/sap/bc/ui5/u5/sap/z_shekar_demo/~2328AB095499E01BB0B7F5FEC79C68E1~C/') - sap.ui.ModuleSystem
- 2017-11-22 07:29:20.3682610 Failed to load UI5 component with properties {'name': 'com.shekar.demoZSHEKAR_DEMO', 'self': {'name': 'com.shekar.demoZSHEKAR_DEMO'}, 'messages': [{"severity": "error", "text": "App com.shekar.demoZSHEKAR_DEMO has errors and may not run correctly; please see SAP Note 2364579"}, {"severity": "error", "text": "Error in app component com.shekar.demoZSHEKAR_DEMO: No descriptor was found"}], 'componentData': {"startupParameters": {}}, 'asyncHints': {"libs": ["sap.ca.scfld.md", "sap.ca.u1", "sap.me", "sap.ui.unified"]}, 'waitFor': [], 'url': '/sap/bc/ui5/sap/z_shekar_demo/~2328AB095499E01BB0B7F5FEC79C68E1~C', 'async': true, 'id': 'application-ZSHEKAR-display-component'} - Error: failed to load 'com.shekar.demoZSHEKAR_DEMO/Component.js' from /sap/bc/ui5/sap/z_shekar_demo/~2328AB095499E01BB0B7F5FEC79C68E1~C/Component.js: 404 - NOT FOUND
 at p1 (<https://s4hidsabaphna.mydomain.com:8704/sap/bc/ui5/u5/ui2/ushell/resources/~20170214105900/~sap/fiori/core-min-0.js:92:28157>)
 at Object.q.sap.require (<https://s4hidsabaphna.mydomain.com:8704/sap/bc/ui5/u5/ui2/ushell/resources/~20170214105900/~sap/fiori/core-min-0.js:92:32231>)
 at x (<https://s4hidsabaphna.mydomain.com:8704/sap/bc/ui5/u5/ui2/ushell/resources/~20170214105900/~sap/fiori/core-min-2.js:84:14290>)
 at <https://s4hidsabaphna.mydomain.com:8704/sap/bc/ui5/u5/ui2/ushell/resources/~20170214105900/~sap/fiori/core-min-2.js:84:18220>
 at <anonymous> sap.ushell.services.Ui5ComponentLoader
- 2017-11-22 07:29:20.3882614 Failed to load UI5 component for navigation intent #ZSHEKAR-display - Error: failed to load 'com.shekar.demoZSHEKAR_DEMO/Component.js' from /sap/bc/ui5/u5/sap/z_shekar_demo/~2328AB095499E01BB0B7F5FEC79C68E1~C/Component.js: 404 - NOT FOUND sap.ushell.renderers.fiori2.Shell.controller
- 2017-11-22 07:29:20.910794 Could not open app. Please try again later. - @ jquery.sap.global-dbg.js:993

The SAP Web IDE interface includes tabs for 'Elements', 'Console', 'Sources', 'Network', 'Performance', 'Memory', 'Application', 'Security', and 'Audits'. The 'Console' tab is currently selected. At the bottom of the SAP Fiori interface, there are social sharing icons for LinkedIn, Facebook, and Twitter, along with a timestamp of '07:37 22-11-2017'.

Like 0 | Share



Dilip Kumar KrishnaDev Pandey | Blog Post Author

November 22, 2017 at 7:40 am

Dear Mantri,

First confirm whether your custom app is running within Eclipse.

For UI5 app project's structure, you can refer below link:

- <https://blogs.sap.com/2017/11/19/sap-fiori-ui5-application-creation/>

And as per your error screen, it seems to be your UI5 app doesn't have

- Component.js (this is required, when app accessed from Fiori-Launchpad, it searches for this file access from here next navigation continues.)
- Component-preload.js (it can be ignored)

You can also ping me your LaunchPad-Role screen & UI5 App structure.

Thanks & Regards,

Dilip

Like 0 | Share



Mantri Shekar

November 23, 2017 at 4:28 am

Dear Dileep,

Thanks for your prompt response.

Actually I created my App in SAP WEB IDE and am trying to deploy the application using se38 program in abap server(/ui5/ui5/repository_load).

In my application I have component.js file.But doing a small change it is working.

Regards,

Shekar.

Like 0 | Share



Dilip Kumar KrishnaDev Pandey | Blog Post Author

November 23, 2017 at 7:05 am

Dear Mantri,

Good to hear, your issue has been resolved..

Thanks & Regards,

Dilip

Like 0 | Share



ARCHANA KUMARI

November 6, 2018 at 7:34 pm

Hello Shekar,

I am also getting the same error as you mentioned in last screenshot. Could you please help me to resolve the same. What small changes are needed in Component.js ?

Regards,

Archana

[Like 0](#) | [Share](#)

Mantri Shekar

November 8, 2018 at 5:13 am

Hi Archana,

May i know how you created your custom App and how you are deploying this app.

Regards,

Shekar.

[Like 0](#) | [Share](#)

ARCHANA KUMARI

November 8, 2018 at 10:36 am

Hello,

I created my App in SAP WEB IDE and am trying to deploy the application on abap server using WEB IDE only.

Regards,

Archana

[Like 0](#) | [Share](#)

Mantri Shekar

November 8, 2018 at 12:32 pm

Hello,

Could you Please share the screenshots of SAP WEB IDE Folder and the eror you are facing.

Regards,

Shekar.

mantrishekar951@gmail.com

Like 0 | Share



ARCHANA KUMARI

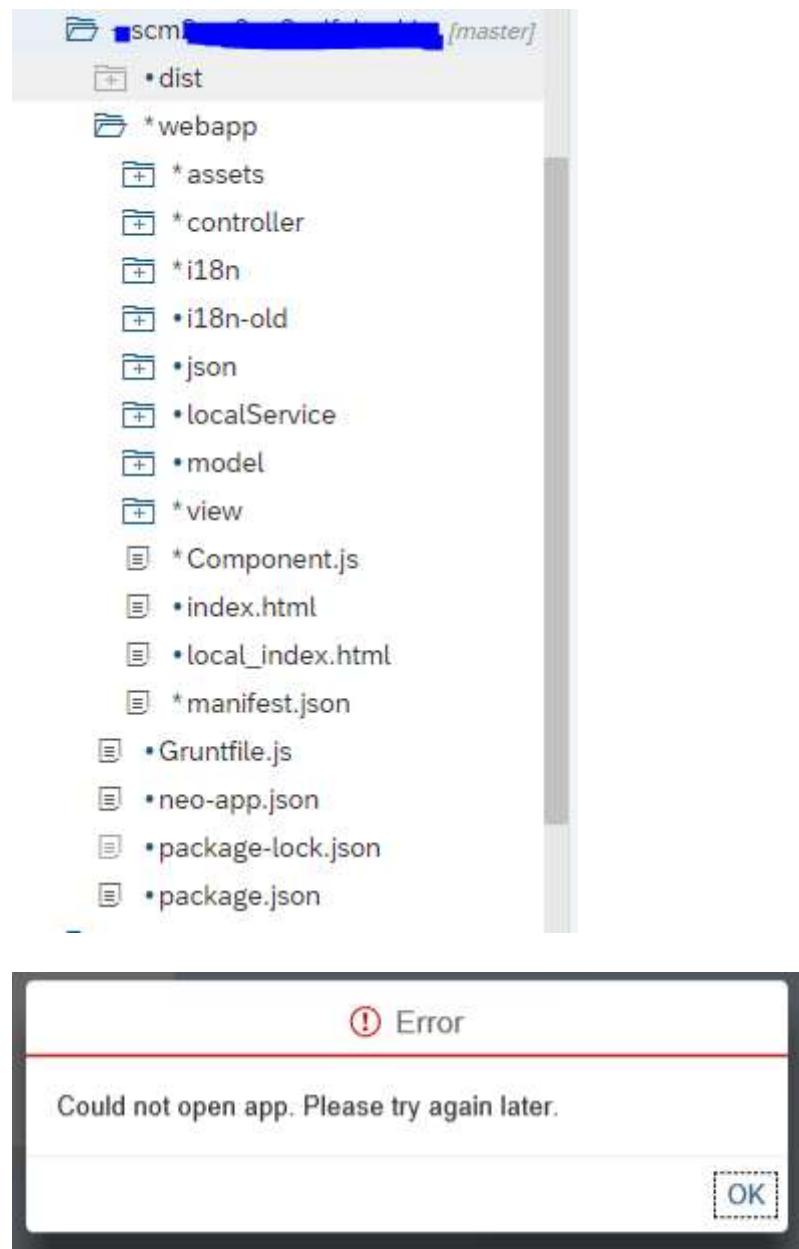
November 9, 2018 at 8:09 am

Hello,

Please find my screenshots for WEBIDE project folder structure and error screenshot.

Regards,

Archana



Like 0 | Share



sarazu cotrina cristian

July 17, 2020 at 12:18 am

I have a similar problem can help me the version of fiori is 1.0

Destination Configuration

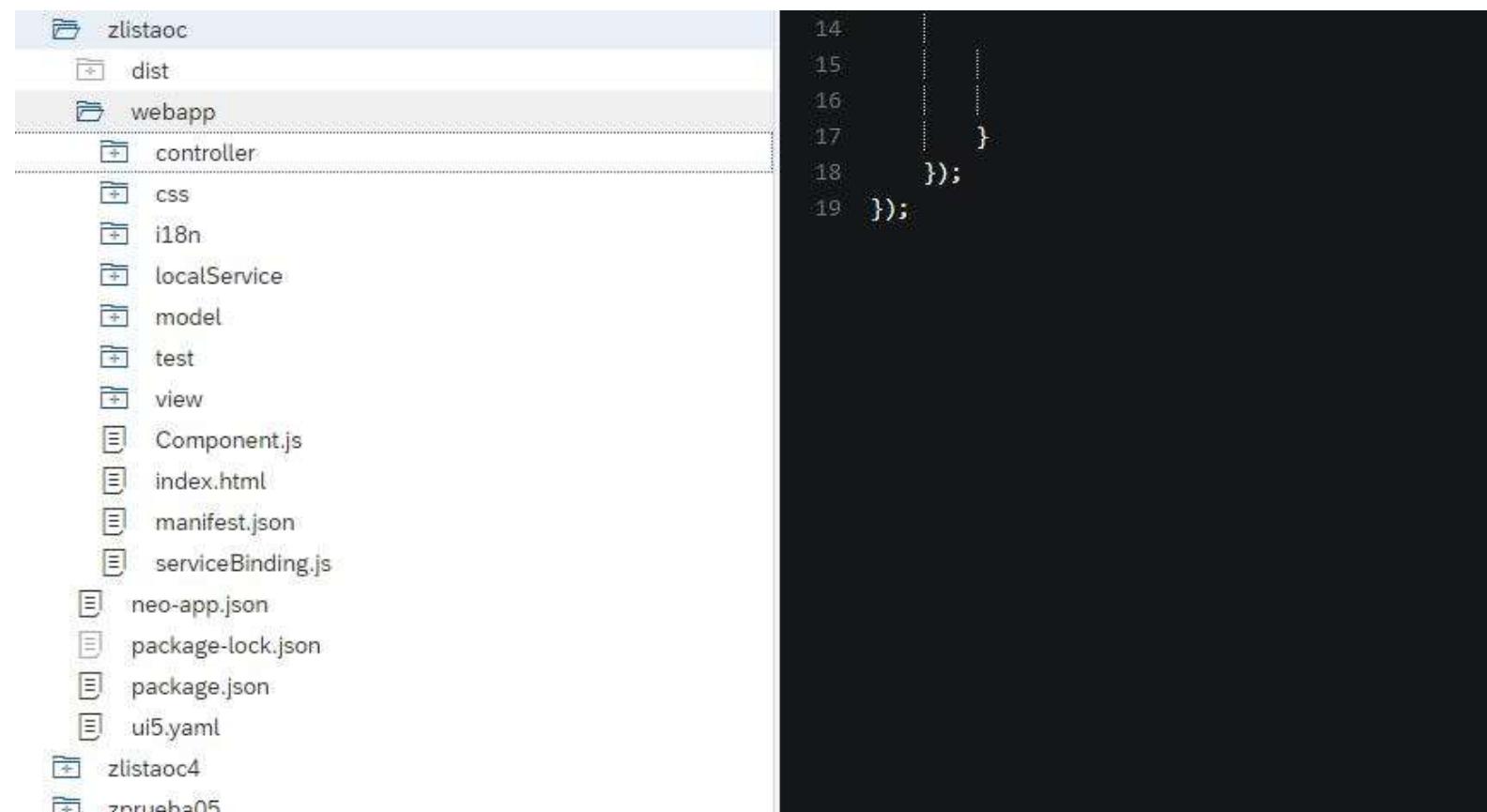
*Name:	modasa_fiori
Type:	HTTP
Description:	sap modasa
*URL:	http://191.168.1.8000
Proxy Type:	Internet
Authentication:	BasicAuthentication
*User:	basis
Password:	*****

Additional Properties

sap-client	300	
WebIDEEnab...	true	
WebIDEUsage	smart_business_odata...	

[Edit](#) [Clone](#) [Export](#) [Delete](#) [Check Connection](#)

destination with ip public



The screenshot shows the file structure of a Fiori application named "zlisttaoc". The structure includes a "dist" folder, a "webapp" folder containing "controller", "css", "i18n", "localService", "model", "test", and "view" subfolders, and several JSON files: "Component.js", "index.html", "manifest.json", "serviceBinding.js", "neo-app.json", "package-lock.json", "package.json", and "ui5.yaml". There are also two additional folders: "zlisttaoc4" and "znruueha05". To the right of the file tree, a portion of a code editor is visible, showing lines 14 through 19 of a JavaScript file:

```
14
15
16
17    });
18  });
19 );
```

I execute the project where I use the created destination

The screenshot shows a Fiori application interface. At the top, there's a header bar with a VPN icon, a lock icon, and the URL: webidetesting8479153-p1868897805trial.dispatcher.hanatrial.ondemand.com/webapp/index.html. Below the header, there are links for shopping.com, eBay, Facebook, and YouTube. The main content area has a teal sidebar on the left containing navigation links: Overview, Applications (selected), Java Applications, HTML5 Applications (selected), HANA XS Applications, Subscriptions, Services, Solutions, SAP HANA / SAP ASE, Connectivity, Destinations, Cloud Connectors, Security, and Repositories. The main panel title is "Products". It lists six items: 4510144362 (F060), 4510144363 (F030), 4510144364 (F030), 4510144365 (CONT), and 4510144366.

Project ok get data

The screenshot shows the SAP Fiori Launchpad interface. On the left is a dark sidebar with navigation links: Overview, Applications (selected), Java Applications, HTML5 Applications (selected), HANA XS Applications, Subscriptions, Services, Solutions, SAP HANA / SAP ASE, Connectivity, Destinations, Cloud Connectors, Security, and Repositories. The main panel title is "Subaccount: p1868897805trial - HTML5 Applications". It shows a list of applications with the following details:

State	Application	Active Version	Actions
Started	prueba	1.0.0	
Started	pruebal	1.0.0	
Started	pueba01	1.0.0	
Started	zlistaoe	1.0.0	
Started	zprueba003	1.0.0	

deploy project in scp

The screenshot shows the SAP Cloud Platform Cockpit interface. On the left, a sidebar menu includes 'Overview' (selected), 'Monitoring', 'Versioning', and 'Roles'. The main content area is titled 'HTML5 Application: zlistaoe - Overview'. It displays 'Application Details' with fields for 'Application Name' (zlistaoe), 'Display Name' (zlistaoe), and 'Description' (empty). An 'Edit' button is present. Below this is an 'Actions' section with a green checkmark next to 'Started', followed by icons for 'Start', 'Stop', 'Delete', and a download icon. The 'Active Version' section shows 'Active Application Version: 1.0.0' and 'Application URL: https://zlistaoe-p1868897805trial.dispatcher.hanatrial.ondemand.com'. The final section, 'Required Destinations', contains a table header: 'Available' (with a dropdown arrow), 'Required Destination (from Application Descriptor)', and 'Mapped Subaccount Destination'.

download project deploy

	Nombre	Fecha de modificación	Tipo	Tamaño
★ Acceso rápido				
Escritorio	controller	16/07/2020 07:03 p.m.	Carpeta de archivos	
MySyncFolder	css	16/07/2020 07:03 p.m.	Carpeta de archivos	
Documentos	i18n	16/07/2020 07:03 p.m.	Carpeta de archivos	
Descargas	localService	16/07/2020 07:03 p.m.	Carpeta de archivos	
Imágenes	model	16/07/2020 07:03 p.m.	Carpeta de archivos	
1	resources	16/07/2020 07:03 p.m.	Carpeta de archivos	
Data2 (F:)	test	16/07/2020 07:03 p.m.	Carpeta de archivos	
gestión de proyectos	view	16/07/2020 07:03 p.m.	Carpeta de archivos	
prueba1 (1)				
Este equipo	Component.js	17/07/2020 12:00 a.m.	Archivo JavaScript	1 KB
Descargas	Component-dbg.js	17/07/2020 12:00 a.m.	Archivo JavaScript	1 KB
Documentos	Component-preload.js	17/07/2020 12:00 a.m.	Archivo JavaScript	9 KB
Escritorio	di.code-validation.core_issues.json	17/07/2020 12:00 a.m.	Archivo JSON	3 KB
Imágenes	index.html	17/07/2020 12:00 a.m.	Opera Web Docu...	1 KB
Música	manifest.json	17/07/2020 12:00 a.m.	Archivo JSON	4 KB
Objetos 3D	manifest-bundle.zip	17/07/2020 12:00 a.m.	Archivo WinRAR Z...	2 KB
Videos	neo-app.json	17/07/2020 12:00 a.m.	Archivo JSON	2 KB
OS (C:)	resources.json	17/07/2020 12:00 a.m.	Archivo JSON	2 KB
Data (D:)	sap-ui-cachebuster-info.json	17/07/2020 12:00 a.m.	Archivo JSON	2 KB
Data1 (E:)	serviceBinding.js	17/07/2020 12:00 a.m.	Archivo JavaScript	1 KB
	serviceBinding-dbg.js	17/07/2020 12:00 a.m.	Archivo JavaScript	1 KB

unzip downloaded project

Carga repository SAPUI5: Cargar aplic.SAPUI5 de/en sistema fich.local

Buscar archivos o carpetas
Seleccionar directorio fuente...

Con este programa se carga una aplicación SAPUI5 en un repository SAPUI5.
Puede descargar una aplicación SAPUI5 en un sistema de ficheros local.
Puede borrar una aplicación SAPUI5 existente del repository.

Nombre de la aplicación SAPUI5: zprueba05

Cargar
 Download
 Borrar

Ajustar finales i18n.p.carga

* Indicar nombre de aplicación SAPUI5 *

Notas:

- > En caso de que quiera realizar un transporte:
Prepare una orden de workbench ABAP y anote su ID.
- > Su code page estándar es "Cp1252".
- > Ficheros a no tener en cuenta se han añadido a fichero ".UI5RepositoryIgnore".
- > Se han indicado ficheros texto adicionales mediante ".UI5RepositoryTextFiles".
- > Se han indicado ficheros binarios adicionales mediante ".UI5RepositoryTextFiles".
- > Cada línea en ficheros nombrados arriba especifica un modelo de nombre fich.:
Como substring o como expresión normal
Ejemplo: "...[!]\build[!]\!]*?"\$" empieza con ""\$" y acaba en "\$"
- > Para la operación necesita acceso a los siguientes objetos de autorización:
S_DEVELOP, S_ICF ADM, S_TCODE, S_TRANSPRT, S_CTS ADM y S_CTS SADM
Verifique la guía de seguridad

Carpeta: zlistaoc

upload project in fiori server

Datos de filtro

Host virtual	Vía servicio
Servicio	
Descripción	
Idioma	ES Español
Serv.ref.:	
<input type="button" value="Aplicar"/>	<input type="button" value="Reiniciar"/>
<input type="button" value="Refinar"/>	

Virtuelle Hosts / Services

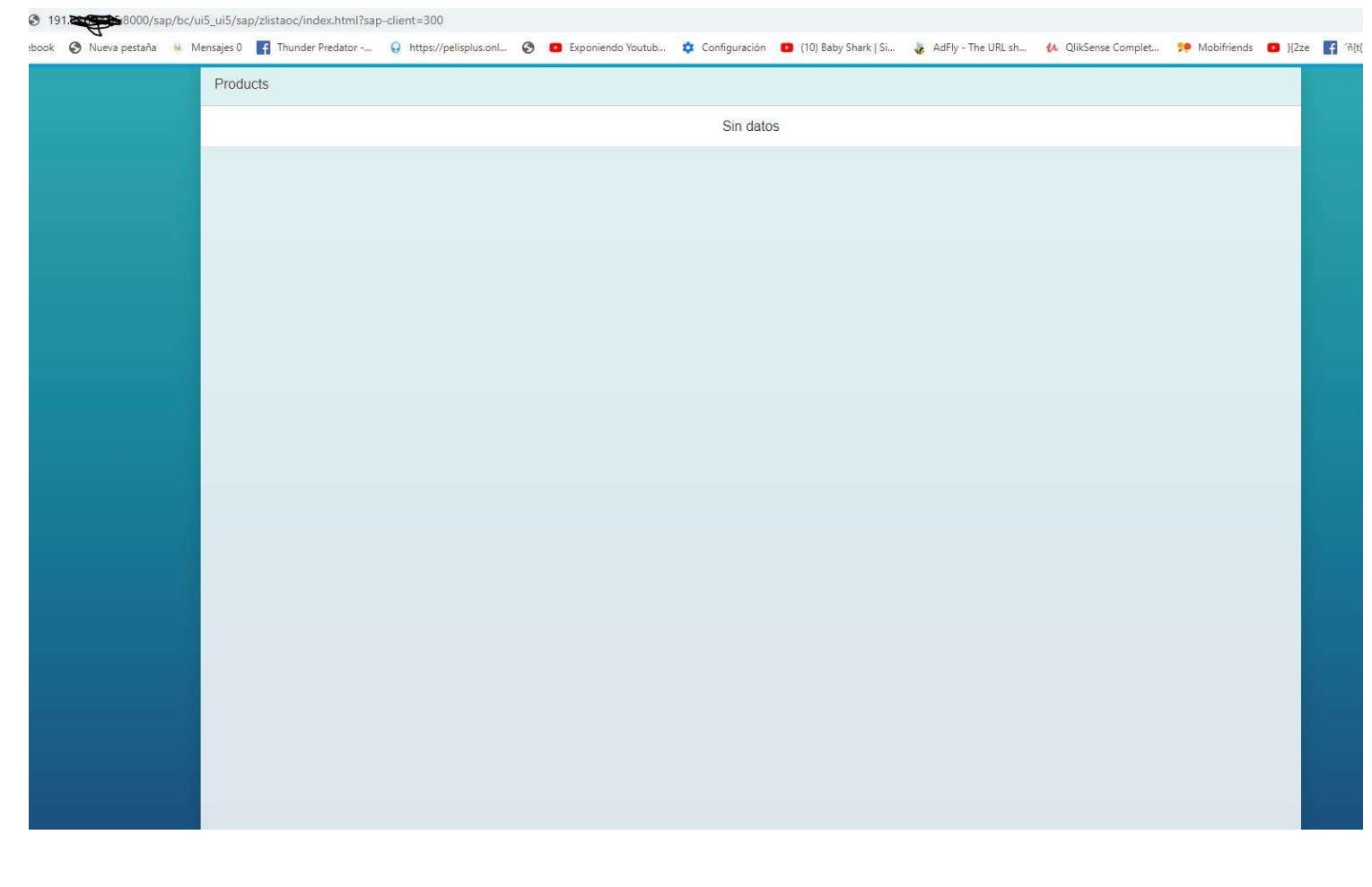
- vbi_test2
- zhola_mundo
- zlistao
 - Subelemento nvo.
 - Visual.servicio
 - Borrar servicio
 - Renombrar servicio
 - Activar servicio
 - Desactivar servicio
 - Verif.servicio
- ui2
- ui5
- vbi
- vmc_test
- wappush
- wdisp
- wdvd
- wd_trace_tool
- webapp
- webdynpro
- webflow
- webrfc
- workflow
- workflow_xml
- xrfc_test
- > bw
- > ca
- crm_logon
- > es

Documentoación Referenz Service

- Aplicación de testVBI
- SAPUI5 application specific ICF node
- listas de OC
- SAPUI5 application specific ICF node
- lista de ordenes
- SAPUI5 application specific ICF node
- prueba
- Área de nombres
- Área de nombres SAPUI5
- Agente VBI REST
- VMC Test
- Handler for WAP PUSH
- SAP Web Dispatcher
- HTTP Service View Designer
- Web Dynpro Trace Tool
- WEBAPP REDIRECT HANDLER
- Web Dynpro (WD) Runtime
- WEBFLOW
- Servicio para emulación del servicio ITS W...
- Workflow
- PRÓGRAMA TRATAMIENTO PÁRÁ DÁTOS
- Medición de tiempos del programa de cont...
- BW
- Componentes multiaplicaciones
- Alias estándar para aplicación CRM
- Enterprise Search

/default_host/sap/bc/bsp/sap/crm_ui_start

```
in sicf    sap/bc/ui5_zlistao test application
```



Irfan Gokak

November 23, 2017 at 7:44 am

It does not bring me the data of the service when I test the application in sap

Like 0 | Share

Hi,

Nice blog.

Just a small doubt. Is it necessary to create separate Semantic Object for every application? or we can use same semantic object with different actions for different app?

Thanks in advance.

Like 0 | Share



Dilip Kumar KrishnaDev Pandey | Blog Post Author

November 23, 2017 at 9:45 am

Dear Irfan,

One 'Semantic Object' can be referred in two application but they should have unique action methods.

For Example: you see example of std. Buyer apps, where

1. Semantic object 'PurchaseOrder' with action 'apporve' is been referred to "*Approve Purchase Order app*"
2. Semantic object 'PurchaseOrder' with action 'track' is been referred to "*Track Purchase Order app*"

Here, please note, 'semantic-object' and 'action' combination should be unique, which will be used in '*Target Mapping*'.

Hope, above helps....

Thanks & Regards,

Dilip

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Naoto Amari

February 26, 2018 at 5:01 pm

Hello, i made two applicaitons one in sap web ide and anothe in eclipse and neither of them works, can you give the link to download your app ? my syntax it's a little different i don't know if that's the reason ...

Like 0 | Share Dilip Kumar KrishnaDev Pandey | Blog Post Author
 March 22, 2018 at 11:12 am

Dear Naoto,

Sorry for delayed response, I was too much busy in my current project....

I'll try to make a google drive link soon to refer a test app (which is been developed using Eclipse)

Thanks & Regards

Dilip

Like 0 | Share

 Naoto Amari
March 22, 2018 at 12:03 pm

i would be very greatful

Like 0 | Share

 Tobias Schnur
March 23, 2018 at 11:37 am

Hi,

Let's say I created one catalogue for all relevant apps for a certain scenario. Now I want to hide some apps (not just the tiles but also the target mappings since they actually prevent the app from being started) from a certain user group do I have to created another catalogue with the allowed apps only? Can I control that via groups or is there a direct connection between target mappings and PFCG Roles?

Tobias

Like 0 | Share



Dilip Kumar KrishnaDeo Pandey | Blog Post Author

March 26, 2018 at 5:41 am

Dear [Tobias Schnur](#),

First lets understand relation between PFCG-Roles, Groups, Catalogs, Tiles, Target-Mappings and SAP-UI5-App.

- UI5-App which is deployed in Fiori-server (Abap Stack), can be seen in t-code SICF with path /sap/bc/ui5_ui5/sap/'*****', where '*****' is FioriAppName
- Now to access this application via FioriLaunchpad, we create a catalog within which we create Tile.
- Tile has input 'semantic-object' with 'action' method
- Create a 'Target-Mapping' with same 'semantic-object' and 'action' method, with this 'Tile' and 'Target-Mappings' are uniquely related
- 'Target-Mappings' has UI5-App url path either via LaunchpadRoles or direct URL to access deployed application
- Now 'Groups', here we select configured Tiles of different Catalogs
- PFCG Roles where we add 'Groups' and 'Catalogs' (*those 'Catalogs' from which 'TILES' were added in 'Groups'*).

Thus, about your query:

- You can have one Catalog for all relevant apps (Tiles for examples total 10 tiles). Each App (tile) has unique Target-Mappings (with SemanticObject and Action Method reference).
- Now If you want to show only few apps (say 1st 4 Tiles out of 10 tiles) for a certain user group, then create a 'Group' in which you select those required 'Tiles' from Catalog. A PFCG Role required which should have this created 'Group' and 'Catalog' Access. The users should have assigned to this PFCG roles.

- Next suppose you want to show other apps (say Iats 4 apps from same catalog), then again create a different 'Group', add required 'Tiles' and create a new PFCG role add this 'Group' and same Catalog.

I hope above makes the things clear for you.

Thanks and Regards,

Dilip

Like 0 | Share



Ignacio Kristof

May 10, 2018 at 2:12 am

Nice blog. Thanks for sharing the knowledge.

Like 1 | Share



Raghavender Vadakattu

June 28, 2018 at 7:40 pm

June 28, 2018 at 7:34 pm

Hi,

First of all, thank you so much for your blog. It's pretty good and easy to understand.

I have an issue opening my custom app in Fiori launchpad. Can you please help. Below are the details:

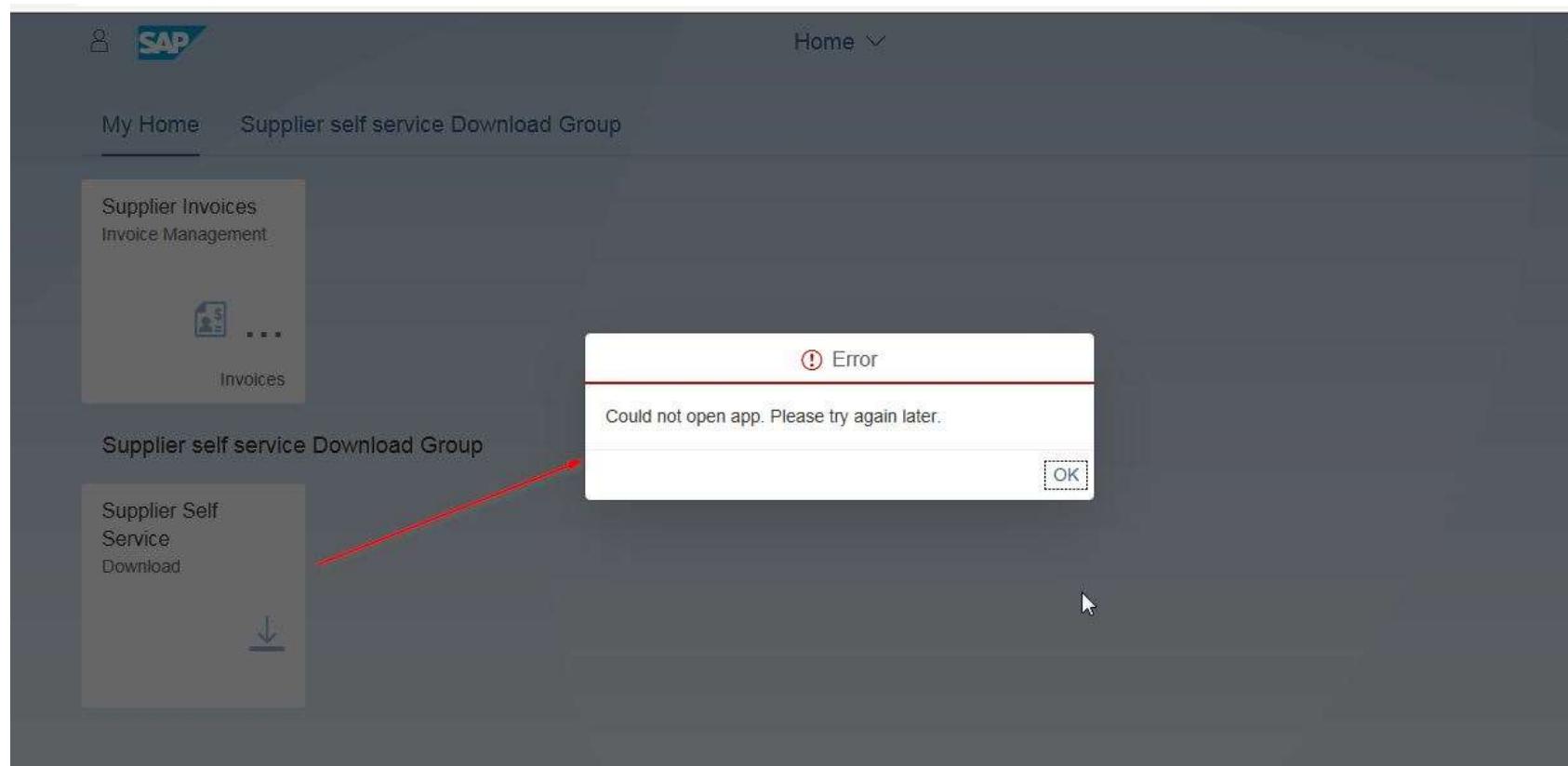
I have created a custom Fiori app to display table data from backend Odata. I also deployed by UI5 application into Frontend Gateway Fiori system and able to run successfully from SICF node test run(see attached).

Supplier Self-service download

Invoicing...	Name	Location	Invoice nu...	Invoice date	Payment...	Gross Am...	Cash disc...	Document type
1001034	MCLANE COMPANY INC		INV4500010 985	03/26/2018		50.000	0.000	
1001034	MCLANE COMPANY INC		INV4500010 999	03/26/2018		25.000	0.000	
1001034	MCLANE COMPANY INC		INA4500010	03/26/2018		25.000	0.000	

Download

Later I created Semantic object, Launchpad role and provided these details in my Catalog as described in this blog and attached to group. The PFCG roles are created as suggested and assigned to my user id but unable to open my custom app in Fiori Launchpad(see attached).



Also attached my Component.js code for your review(see attached).

```

eclipse-workspace1 - zsupplier/WebContent/Component.js - Eclipse
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer Component.js
1 jQuery.sap.declare("zsupplier.Component");
2 sap.ui.core.UIComponent.extend("zsupplier.Component", {
3
4     metadata : {
5         stereotype : "component",
6         "abstract" : true,
7         version : "1.0",
8         dependencies: { //external dependencies
9             libs : ["sap.m",
10                 "sap.ui.commons",
11                 "sap.ui.ux3",
12             ], //the libraries that component will be using
13             library : "sap.ui.core", //what library belongs your component to
14         },
15     },
16
17     createContent : function() {
18         // create root view
19         var oView = sap.ui.view({
20             id : "zsupplier_dwnld",
21             viewName : "zsupplier.zsupplier.zsupplier_dwnld",
22             type : "JS",
23             viewData : { component : this }
24         });
25
26         // set device model
27         var deviceModel = new sap.ui.model.json.JSONModel({
28             isPhone : jQuery.device.is.phone,
29             listMode : (jQuery.device.is.phone) ? "None" : "SingleSelectMaster",
30             listItemType: (jQuery.device.is.phone) ? "Active" : "Inactive"
31         });
32         deviceModel.setDefaultBindingMode("OneWay");
33         oView.setModel(deviceModel, "device");
34
35         // done
36         return oView;
37     }
38 });
39 });

```

Can you please help me to resolve the issue. Any pointers on this is much appreciated.

Please let me know if you need any further details. Thank you.

-Raghu

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Dilip Kumar KrishnaDeo Pandey | Blog Post Author

June 29, 2018 at 5:10 am

Hi,

Surly, there is FLP configuration issue w.r.t. to your custom app, just re-verify each of below things step-by-step:

1. App working via SICF (*already working*)
2. Semantic object
3. In Fiori-Designer, check Catalog's Tile config like
 - Tile's semantic object name + action 'display'
 - In Target-Mapping, same semantic object + action should be referred, here you have two options either use UI5-URL or LaunchpadRole (LPD), as you are getting error with LPD, try UI5-URL option give path as "/sap/bc/ui5_ui5/sap/zapp_name/"
4. Business Group (*already visible*)
5. PFCG Roles for USER, here just cross verify, if every app specific required roles are assigned (like oDataService R3TR/B.Catalog/B.Group) (*some are already working in your case*)

If, above not helping you to get the root cause, then, while running app, press 'F12' and get console log and try to understand it, you can also let us know

Thanks & Regards,

Dilip

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Raghavender Vadakattu

June 29, 2018 at 2:37 pm

Hi Dilip,

Thanks for your reply. I have verified all above mentioned and it looks good. I think I have an issue with my UI5 application itself after adding the component.js.

Earlier I had deployed my UI5 application without Component.js and it's working fine from SICF.

index.html -> zsupplier_dwnld.view.js

But in order configure in Fiori Launchpad I had added Component.js and change script in index.html to call component.js instead of zsupplier_dwnld.view.js but I am getting error when I do local testing in eclipse.

index.html -> Component.js -> zsupplier_dwnld.view.js

Error:

SCRIPT5022: failed to load 'zsupplier/Component.js' from resources/zsupplier/Component.js: 404 - Resource could not be found!

I am posting my complete UI5 application below for your review. Can you try the same in your system quickly if possible as I am getting error in local testing itself.

index.html :

```
<!DOCTYPE HTML>
<html>
  <head>
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta http-equiv='Content-Type' content='text/html; charset=UTF-8' />

    <script src="resources/sap-ui-core.js"
           id="sap-ui-bootstrap"
           data-sap-ui-libs="sap.m, sap.ui.commons"
```

```

        data-sap-ui-xx-bindingSyntax="complex"
        data-sap-ui-theme="sap_bluecrystal">
    </script>
    <!-- only load the mobile lib "sap.m" and the "sap_bluecrystal" theme -->

    <!-- Calling Componet-name of Component.js of UI5 -->
<script>
    new sap.m.Shell({
        app : new sap.ui.core.ComponentContainer({
            name : "zsupplier"
        })
    }).placeAt("content");
</script>

</head>
<body class="sapUiBody" role="application">
    <div id="content"></div>
</body>
</html>

```

I have changed in script in index.html to call Component.js but earlier it was directly calling zsupplier_dwnld.view using below script and working fine from SICF.

```

<script>
sap.ui.localResources("zsupplier");
var app = new sap.m.App({initialPage:"idzsupplier_dwnld1"});
var page = sap.ui.view({id:"idzsupplier_dwnld1", viewName:"zsupplier.zsupplier_dwnld",
                       type:sap.ui.core.mvc.ViewType.JS});
app.addPage(page);
app.placeAt("content");
</script>

```

Component.js :

```
jQuery.sap.declare("zsupplier.Component");
sap.ui.core.UIComponent.extend("zsupplier.Component", {

    metadata : {
        stereotype : "component",
        "abstract" : true,
        version     : "1.0",
        dependencies: {                      //external dependencies
            libs      : ["sap.m",
                           "sap.ui.commons",
                           "sap.ui.ux3",
                           ],
            //the libraries that component will be using
            library   : "sap.ui.core", //what library belongs your component to
        },
    },

    createContent : function() {
        // create root view
        var oView = sap.ui.view({
            id       : "zsupplier_dwnld",
            viewName : "zsupplier.zsupplier.zsupplier_dwnld",
            type     : "JS",
            viewData : { component : this }
        });

        // set device model
        var deviceModel = new sap.ui.model.json.JSONModel({
            isPhone    : jQuery.device.is.phone,
            listMode   : (jQuery.device.is.phone) ? "None"      : "SingleSelectMaster",
            listItemType: (jQuery.device.is.phone) ? "Active"    : "Inactive"
        });
        deviceModel.setDefaultBindingMode("OneWay");
    }
});
```

```
        oView.setModel(deviceModel, "device");

        // done
        return oView;
    }

});
```

zsupplier_dwnld.view.js :

```
sap.ui.jsview("zsupplier.zsupplier_dwnld", {

    /** Specifies the Controller belonging to this View.
     * In the case that it is not implemented, or that "null" is returned, this View does not have a Controller
     * @memberOf zsupplier.zsupplier_dwnld
     */
    getControllerName : function() {
        return "zsupplier.zsupplier_dwnld";
    },

    /** Is initially called once after the Controller has been instantiated. It is the place where the UI is
     * Since the Controller is given to this method, its event handlers can be attached right away.
     * @memberOf zsupplier.zsupplier_dwnld
     */
    createContent : function(oController) {

        var apo = new sap.ui.commons.ApplicationHeader();
        apo.setDisplayWelcome(true);
        apo.setDisplayLogoff(false);
        // apo.setUserName("{Uname}");
        apo.setLogoText("Supplier self-service");

        // form begins
```

```
var formo = new sap.ui.layout.form.SimpleForm({
    id : "myform",
    content : [
        new sap.ui.commons.Label({text : "Invoicing Party"}),
        new sap.ui.commons.TextField({value : "{VendName}" , width : "25em", editable : false}),
        new sap.ui.commons.Label({text : "Bucket"}),
        new sap.ui.commons.TextField({value : "{Node}" , width : "15em", editable : false}),
        new sap.ui.commons.Label({text : "Payment Status"}),
        new sap.ui.commons.TextField({value : "{Status}" , width : "10em", editable : false}),
        new sap.ui.commons.Label({text : "Invoice Number"}),
        new sap.ui.commons.TextField({value : "{Xblnr}" , width : "15em", editable : false}),
        new sap.ui.commons.Label({text : "Invoice Date"}),
        new sap.ui.commons.TextField({value : "{InvDate}" , width : "30em", editable : false}),
        new sap.ui.commons.Label({text : "Check Number"}),
        new sap.ui.commons.TextField({value : "{CheckNumber}" , width : "15em", editable : false}),
        new sap.ui.commons.Label({text : "Payment date"}),
        new sap.ui.commons.TextField({value : "{PymntDate}" , width : "30em", editable : false})
    ]
});

// 1. Create Table
var oTable = new sap.m.Table("idInvoiceList", {
    inset : true,
    headerText : "List of documents",
    headerDesign : sap.m.ListHeaderDesign.Standard,
    mode : sap.m.ListMode.None,
    includeItemInSelection : false,
});

// 2. Add columns to the Table
var col1 = new sap.m.Column("col1",{header: new sap.m.Label({text:"Invoicing party"})});
oTable.addColumn(col1);

var col2 = new sap.m.Column("col2",{width: "21em", header: new sap.m.Label({text:"Name"})});
oTable.addColumn(col2);
```

```
var col3 = new sap.m.Column("col3",{header: new sap.m.Label({text:"Location"})});
oTable.addColumn(col3);

var col4 = new sap.m.Column("col4",{header: new sap.m.Label({text:"Invoice number"})});
oTable.addColumn(col4);

var col5 = new sap.m.Column("col5",{header: new sap.m.Label({text:"Invoice date"})});
oTable.addColumn(col5);

var col6 = new sap.m.Column("col6",{header: new sap.m.Label({text:"Payment status"})});
oTable.addColumn(col6);

var col7 = new sap.m.Column("col7",{header: new sap.m.Label({text:"Gross Amount"})});
oTable.addColumn(col7);

var col8 = new sap.m.Column("col8",{header: new sap.m.Label({text:"Cash discount"})});
oTable.addColumn(col8);

var col9 = new sap.m.Column("col9",{width: "15em", header: new sap.m.Label({text:"Document type"})})
oTable.addColumn(col9);

// 3. Bind Aggregation
// "/invoiceSet" is the entity set Name
var colItems = new sap.m.ColumnListItem("colItems",{type:"Active"});
oTable.bindAggregation("items","/HeadFieldsSet",colItems);

// 4. Define type of each every column
var txtNAME1 = new sap.m.Text("txtNAME1",{text:"{Lifnr}"});
colItems.addCell(txtNAME1);

var txtNAME2 = new sap.m.Text("txtNAME2",{text:"{VendName}"});
colItems.addCell(txtNAME2);
```

```
var txtNAME3 = new sap.m.Text("txtNAME3", {text: "{Zzloc}"});
colItems.addCell(txtNAME3);

var txtNAME4 = new sap.m.Text("txtNAME4", {text: "{Xblnr}"});
colItems.addCell(txtNAME4);

var txtNAME5 = new sap.m.Text("txtNAME5", {text: "{Bldat}"});
colItems.addCell(txtNAME5);

var txtNAME6 = new sap.m.Text("txtNAME6", {text: "{StatusTxt}"});
colItems.addCell(txtNAME6);

var txtNAME7 = new sap.m.Text("txtNAME7", {text: "{GrossAmount}"});
colItems.addCell(txtNAME7);

var txtNAME8 = new sap.m.Text("txtNAME8", {text: "{ZzcashDisc}"});
colItems.addCell(txtNAME8);

var txtNAME9 = new sap.m.Text("txtNAME9", {text: "{ZzdoctypDesc}"});
colItems.addCell(txtNAME9);

// 5. Create a button "Download" with Event handler method
var btExcel = new sap.m.Button({
    text: "Download",
    press : function(oEvent){ oController.Download(oEvent); }
});

// 5. Add Table to Page
return new sap.m.Page({
    title: "Supplier Self-service download",
    content: [ apo, formo, oTable ],
    footer: new sap.m.Bar({ contentRight: [btExcel],
```

```
        design: "Footer"
    })
});

}

});
```

zsupplier_dwnld.controller.js :

```
sap.ui.controller("zsupplier.zsupplier_dwnld", {

    /**
     * Called when a controller is instantiated and its View controls (if available) are already created.
     * Can be used to modify the View before it is displayed, to bind event handlers and do other one-time initialization
     * @memberOf zsupplier.zsupplier_dwnld
    */

    onInit: function() {

        var serviceURL = "/sap/opu/odata/sap/ZFI_3S_DOWNLOAD_SRV/";
        var omodel = new sap.ui.model.odata.v2.ODataModel(serviceURL);
        this.getView().setModel(omodel);
        this.getView().bindElement("/SearchFieldsSet('RTUSER')");
    },

    // Code to download the data in excel format
    Download: function(oEvent){
        var sUrl = "/sap/opu/odata/sap/ZFI_3S_DOWNLOAD_SRV/DwldFieldsSet?$format=xlsx";
        var encodeUrl = encodeURI(sUrl);
        sap.m.URLHelper.redirect(encodeUrl,true);
    }
});
```

```
 },  
});
```

Do you see any issue in my UI5 application or any script changes needed? It seems i am able to navigate well from index.html to Component.js but some issue in Component.js and zsupplier_dwnId.view. Can you please advise.

Do we need to use only xml views(not js views) to make it work from Fiori Launchpad? Is there any restriction like that? It would be stupid question but want to know if any such restrictions?

Thank you.

-Raghu

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Raghavender Vadakattu

June 29, 2018 at 3:45 pm

F12 error screen shot of my UI5 application explained in above comment.

```

1266 // Loading failed for some reason, Load again as script for better error reporting
1267 // (but without further eventing)
1268 if ( fnIgnorePreload ) {
1269     loadScript(oModule);
1270 }
1271 // transition to FAILED
1272 oModule.fail(
1273     makeNestedError("failed to load '" + sModuleName + "' from " + oModule.url, oModule.error));
1274 } else if ( oModule.state === LOADED ) {
1275     // execute module __after__ loading it, this reduces the required stack space!
1276     execModule(sModuleName, bAsync);
1277 }
1278
1279 measure && measure.end(sModuleName);
1280
1281 if ( oModule.state !== READY ) {
1282     throw oModule.error;
1283 }
1284
1285 return oModule.value();
1286
1287 } else {
1288
1289     // @evo-todo support debug mode also in async mode
1290     oModule.url = getResourcePath(oSplitName.baseID, oSplitName.subType);
1291     // call notification hook
1292     require.load({ completeLoad:noop, async: true }, oModule.url, oSplitName.baseID);
1293     loadScript(oModule, /* bRetryOnFailure= */ true);
1294
1295     // process dep cache info
1296     preloadDependencies(sModuleName);
1297
1298     return oModule.deferred().promise;
1299 }
1300 }
1301
1302 // sModuleName must be a normalized resource name of type .js
1303 function execModule(sModuleName, bAsync) {
1304
1305     var oModule = mModules[sModuleName],
1306         oShim = mShims[sModuleName],
1307         bLoggable = log.isLoggable(),
1308         sOldPrefix, vAMD, oMatch, bOldForceSyncDefines;
1309
1310     if ( oModule && oModule.state === LOADED && typeof oModule.data !== "undefined" ) {
1311
1312         // check whether the module is known to use an existing AMD loader, remember the AMD flag
1313         vAMD = (oShim === true || (oShim && oShim.amd)) && typeof __global.define === "function" && __global.define.amd;
1314         bOldForceSyncDefines = bForceSyncDefines;
1315
1316         try {
1317
1318             if ( vAMD ) {
1319                 ...
1320             }
1321         }
1322     }
1323 }

```

Watches

- exception: failed to load 'zsupplier/Component.js'
- [Locals]
 - this: undefined
 - arguments: [object Arguments]
 - s: undefined
 - i: false
 - S: [object]
 - o: undefined
 - e: []
 - i: 1
 - b: undefined
 - E: undefined
 - M: [object (Module)]
 - r: null
 - m: "zsupplier/Component.js"
 - a: false
- [Scope]
- [Globals]

Add watch

Call stack

Frame	Method	File	Line
Main frame	requireModule	ui5loader-dbg.js	1...
	requireSync	ui5loader-dbg.js	1...
	n	Component-dbg.js...	
	sap.ui.component	Component-dbg.js...	
	e.prototype.createComponent	ComponentContain...	
	e.prototype.onBeforeRendering	ComponentContain...	
	a.prototype._handleEvent	Element-dbg.js	16...
	v	RenderManager-db...	
	renderControl	RenderManager-db...	
	S.render	ShellRenderer-dbg...	
	renderControl	RenderManager-db...	
	render	RenderManager-db...	
	U.prototype.render	UIArea-dbg.js	564...
	u.prototype.renderPendingUIUpdates	Core-dbg.js	2452, 5
	u.prototype.init	Core-dbg.js	1080, 4
	Anonymous function	Core-dbg.js	347, 5
	a	SyncPoint-dbg.js	5...
	finishTask	SyncPoint-dbg.js	5...
	Anonymous function	Core-dbg.js	355, 5
	p	jquery-dbg.js	3187...
	s.fireWith	jquery-dbg.js	3317...
	ready	jquery-dbg.js	3/2526

F12 DOM Explorer Console ✖1 Debugger ✖1 Network UI Responsiveness Profiler Memory Emulation

index.html - F12 Developer Tools

HTML1300: Navigation occurred.
File: index.html

2018-06-29 11:37:56 Device API logging initialized - DEVICE

2018-06-29 11:37:56.727208 jQuery.sap.registerResourcePath ('', 'resources/') - sap.ui.ModuleSystem

2018-06-29 11:37:56.727608 URL prefixes set to: - sap.ui.ModuleSystem

2018-06-29 11:37:56.727908 (default) : resources/ - sap.ui.ModuleSystem

SCRIPT5002: failed to load "zsupplier/Component.js" from resources/zsupplier/Component.js: 404 - Resource could not be found!
File: sap-ui-core.js, Line: 103, Column: 2009

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Dilip Kumar KrishnaDeo Pandey | Blog Post Author

July 2, 2018 at 5:15 am

Hi [Raghavender Vadakattu](#)

Your project structure has wrong page references. In the blog, its like something below:

- 'index.html' -> 'Component.js' -> 'view.App' -> 'view.Master' ->so on
- Where,
 - under UI5-Project, files like 'Index'/'Component' and folder 'view' exists.
 - under folder 'view', page JS/JS (Design/Controller) 'App' resides, which directs to XML/JS page 'Master' and so on.

However, in you project structure, you are doing something like:

- 'index.html' -> 'Component.js' -> 'zsupplier.zsupplier_dwnId' -> ...so on
- If you see page 'zsupplier_dwnId.view.js' & "zsupplier_dwnId.controller.js", here reference not given proper, it should be like below,
 - which is 'ProjectName -> folderViewName -> PageView'
 - `sap.ui.jsview("zsupplier.zsupplier.zsupplier_dwnId",`
 - `sap.ui.controller("zsupplier.zsupplier.zsupplier_dwnId",`

- Here, I suggest, you should be handling view as XML/JavaScript i.e. define GUI-controls in XML-view and write event codes in JS instead of both JS/JS
- and '@'Index.html
 - No change required in script, keep same
- '@Component.js'
 - keep 'metadata()' same
 - Change 'createContent()' like below:

```
•      createContent: function () {
        // create app
        this.app = new sap.m.SplitApp();
        var oView = sap.ui.view({
            id          : "app",
            viewName    : "zsupplier.zsupplier.zsupplier_dwnld",
            type        : "JS",
            viewData    : { component : this }
        });
        this.app.addPage(oView, true);
        return this.app;
    },
```

Hope, above helps you understand the issue.

Thanks & Regards,

Dilip

Like 0 | Share



Raghavender Vadakattu

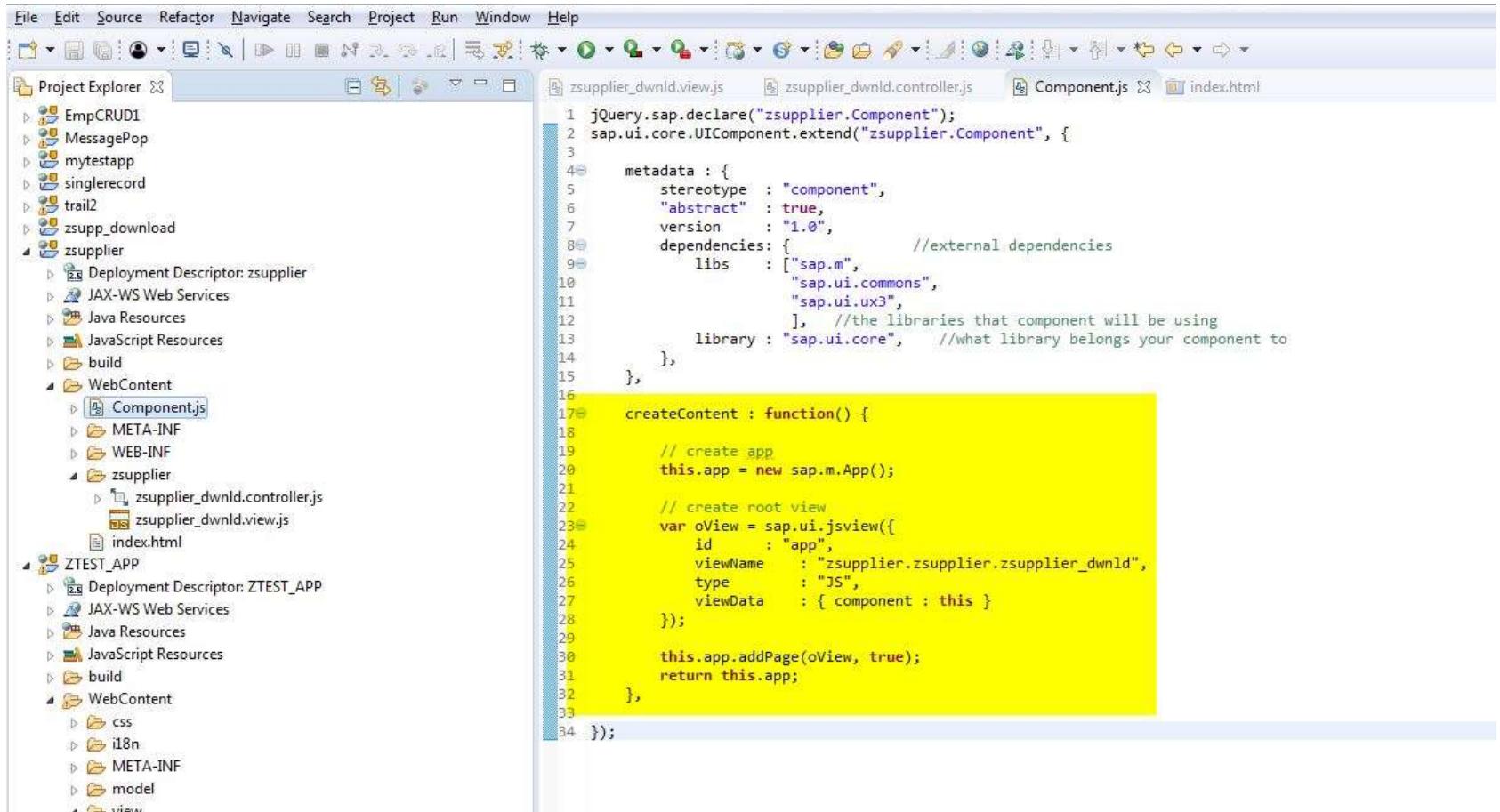
July 2, 2018 at 1:57 pm

Hi Dilip,

Thanks very much for your reply.

I have done all suggested changes except converting my zsupplier_dwnld.js to xml view which I am not sure how to do it but I still have the same issue. Please see below screen shots.

Component.js:



```

File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer zsupplier_dwnld.view.js zsupplier_dwnld.controller.js Component.js index.html
1 jQuery.sap.declare("zsupplier.Component");
2 sap.ui.core.UIComponent.extend("zsupplier.Component", {
3
4     metadata : {
5         stereotype : "component",
6         "abstract" : true,
7         version : "1.0",
8         dependencies: { //external dependencies
9             libs : ["sap.m",
10                     "sap.ui.commons",
11                     "sap.ui.ux3",
12                     ], //the libraries that component will be using
13             library : "sap.ui.core", //what library belongs your component to
14         },
15     },
16
17     createContent : function() {
18
19         // create app
20         this.app = new sap.m.App();
21
22         // create root view
23         var oView = sap.ui.jsview({
24             id : "app",
25             viewName : "zsupplier.zsupplier.zsupplier_dwnld",
26             type : "JS",
27             viewData : { component : this }
28         });
29
30         this.app.addPage(oView, true);
31         return this.app;
32     },
33
34 });

```

zsupplier_dwnld.view.js:

```

1 sap.ui.controller("zsupplier.zsupplier.zsupplier_dwnld", {
2
3 /**
4 * Called when a controller is instantiated and its View controls (if available) are already created.
5 * Can be used to modify the View before it is displayed, to bind event handlers and do other one-time initialization.
6 * @memberOf zsupplier.zsupplier_dwnld
7 */
8
9 onInit: function() {
10
11     var serviceURL = "/sap/opu/odata/sap/ZFI_3S_DOWNLOAD_SRV/";
12     var omodel = new sap.ui.model.odata.v2.ODataModel(serviceURL);
13     this.getView().setModel(omodel);
14     this.getView().bindElement("/SearchFieldsSet('RTUSER')");
15 },
16
17 // Code to download the data in excel format
18 Download: function(oEvent){
19     var sUrl = "/sap/opu/odata/sap/ZFI_3S_DOWNLOAD_SRV/DwldFieldsSet?$format=xlsx";
20     var encodeUrl = encodeURI(sUrl);
21     sap.m.URLHelper.redirect(encodeUrl,true);
22 },
23
24 });

```

zsupplier_dwnld.controller.js:

```

1 sap.ui.controller("zsupplier.zsupplier.zsupplier_dwnld", {
2
3 /**
4 * Called when a controller is instantiated and its View controls (if available) are already created.
5 * Can be used to modify the View before it is displayed, to bind event handlers and do other one-time initialization.
6 * @memberOf zsupplier.zsupplier_dwnld
7 */
8
9 onInit: function() {
10
11     var serviceURL = "/sap/opu/odata/sap/ZFI_3S_DOWNLOAD_SRV/";
12     var omodel = new sap.ui.model.odata.v2.ODataModel(serviceURL);
13     this.getView().setModel(omodel);
14     this.getView().bindElement("/SearchFieldsSet('RTUSER')");
15 },
16
17 // Code to download the data in excel format
18 Download: function(oEvent){
19     var sUrl = "/sap/opu/odata/sap/ZFI_3S_DOWNLOAD_SRV/DwldFieldsSet?$format=xlsx";
20     var encodeUrl = encodeURI(sUrl);
21     sap.m.URLHelper.redirect(encodeUrl,true);
22 },
23
24 });

```

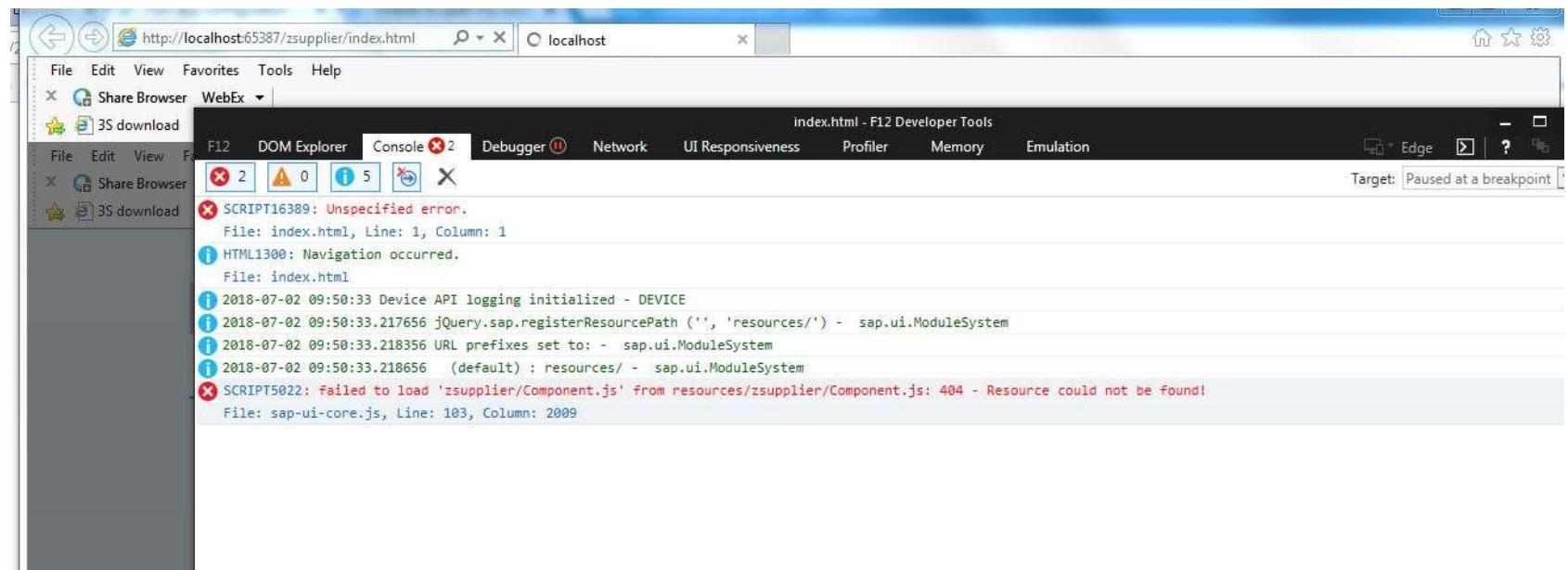
No changes done on index.html as suggested.

Error message:

The screenshot shows the SAP Fiori Launchpad F12 Developer Tools interface. The main area displays the code of the `ui5loader-dbg.js` file. A red error highlight is present around line 1283, indicating a failed resource load. The error message is: `[X] failed to load 'zsupplier/Component.js' from resources/zsupplier/Component.js: 404 - Resource could not be found!`. The code snippet below shows the context of this error:

```
1266 // Loading failed for some reason, Load again as script for better error reporting
1267 // (but without further eventing)
1268 if ( fnIgnorePreload ) {
1269     loadScript(oModule);
1270 }
1271 // transition to FAILED
1272 oModule.fail(
1273     makeNestedError("failed to load '" + sModuleName + "' from " + oModule.url, oModule.error));
1274 } else if ( oModule.state === LOADED ) {
1275     // execute module _after_ loading it, this reduces the required stack space!
1276     execModule(sModuleName, bAsync);
1277 }
1278
1279 measure && measure.end(sModuleName);
1280
1281 if ( oModule.state !== READY ) {
1282     throw oModule.error;
1283 }
1284
1285 return oModule.value();
1286
1287 } else {
1288
1289     // @evo-todo support debug mode also in async mode
1290     oModule.url = getResourcePath(oSplitName.baseID, oSplitName.subType);
1291     // call notification hook
1292     require.load({ completeLoad:noop, async: true }, oModule.url, oSplitName.baseID);
1293     loadScript(oModule, /* bRetryOnFailure= */ true);
1294
1295     // process dep cache info
1296     preloadDependencies(sModuleName);
1297 }
```

The right side of the interface contains several developer tools panels: Watches, Call stack, and Breakpoints. The Watches panel shows the current state of variables, including `this`, `arguments`, `s`, `i`, `S`, `o`, `e`, `b`, `E`, and `M`. The Call stack panel lists the current call stack frames, starting with `requireModule` and `ui5loader-dbg...`.



I hope my UI5 application works If I can make the navigation from component.js to zsupplier_dwnlnd.js successfully.

I suspect there's would be some basic script issue causing loading of component.js. Can you please suggest where would it went wrong with your expertise as I'm still facing the same issue.

Can you please guide me to convert my zsupplier_dwlnd.js view to xml view and also what other changes need to be done to make it work.

Thanks again.

-Raghu

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Dilip Kumar KrishnaDeo Pandey | Blog Post Author

July 3, 2018 at 7:09 am

Hi,

Please have a look on below blog from me, you will get your answers surely:

- <https://blogs.sap.com/2017/11/19/sap-fiori-ui5-application-creation/>
- *For more info:*
- <https://blogs.sap.com/2017/11/19/sap-fiori-app-implementation-custom-apps/>

thanks & Regards,

Dilip

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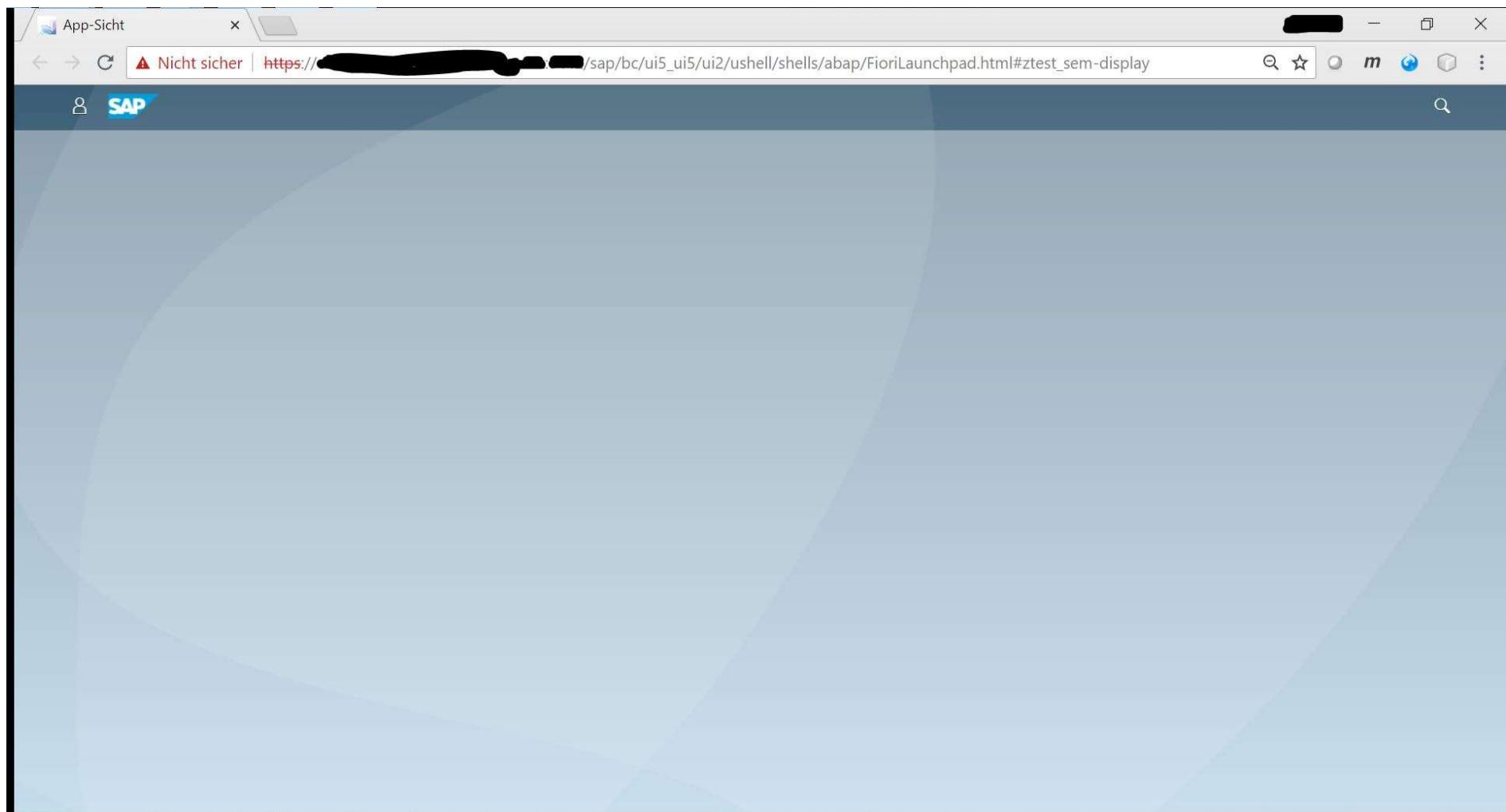
Former Member

August 23, 2018 at 12:28 pm

Hi Dilip,

I followed these instructions to what i thought was “to the letter”.

Unfortunately, when i click on the tile in the launchpad, i get an empty shell:



In eclipse, the app is working as designed. Also, i get no errormessages at all.

I suspect the LPD_Cust to be the root, so could you elaborate on which alias has to match what and what exactly has to be put in the aditional infos?

or maybe i'm wrong somewhere else, in which case i will happily provide more info.

Thanks in advance

Dominic

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Dilip Kumar KrishnaDeo Pandey | Blog Post Author

August 23, 2018 at 12:59 pm

Hi Dominic,

If you are doubting LPD_CUST config, then I suggest you to try below things first:

- In FLP Designer, inside tile's 'Target Mapping', select option 'SAPUI5 Fiori App' -> then give any name in 'Tile' input field -> and give UI5-App path directly

2nd About LPD_CUST and your query, plz refer following comments:

- For Example: UI5App Name is 'ztest_app'
- In Eclipse, UI5 app's linking starts from "Index.html" -> searching for ComponentContainer name "ztest_app" -> then "Component.js" file has decalre var "ztest_app.Component" -> then rest of the js/xml files have controller "ztest_app.view.***" -> and so on...
- While configuring in FLP, inside tile's Target-Mapping, if you can select option 'SAP Fiori App using LPD_CUST' -> Then below details in "Launchpad Role" / "FLP's Target Mapping input" / "UI5 App namings" should be in sync:
- Then inside LPD_CUST, check
 - Additonal Information: SAPUI5.Component=ztest_app
 - Application Alias: Test_App01
- And FLP's Target Mapping input Alias = Test_App01

Thanks & Regards,

Dilip

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Former Member
August 23, 2018 at 5:00 pm

Hi Dilip,

first of all, many thanks for the rapid response.

both answers did the job.

choosing URL made it possible for everyone with the link (for ex. passed to colleague via email) to use the app.

i put the application alias in all uppercase, as found in LPD_CUST. it also appears that "additional information" is far from ... "oh and by the way", but a vital part of the orchestration.

thanks again,

Dominic

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Dilip Kumar KrishnaDeo Pandey | Blog Post Author
August 24, 2018 at 1:00 pm

Happy to hear that your side issue gets resolved.....

Thanks & regards,

Dilip

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Suresh Kumar Kotthakonda

November 15, 2018 at 2:23 pm

Hi Dilip,

I would like talk about Fiori launch pad configuration on EHP 7 only for PM on Fiori.

I am trying to find ur contact but it is very difficult.

Could you pls call me once @ 8660036709 or please text me so that i can call u for 5 mins.

Regards

Suresh K

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Dilip Kumar KrishnaDev Pandey | Blog Post Author

November 16, 2018 at 4:28 am

Hi Suresh,

You please write your queries here only, I'll try to address it.

Thanks & Regards,

Dilip

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Fedor Shestov

August 27, 2018 at 3:48 am

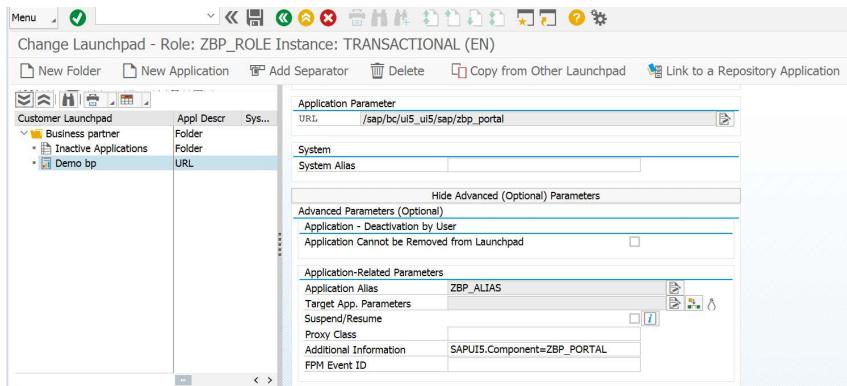
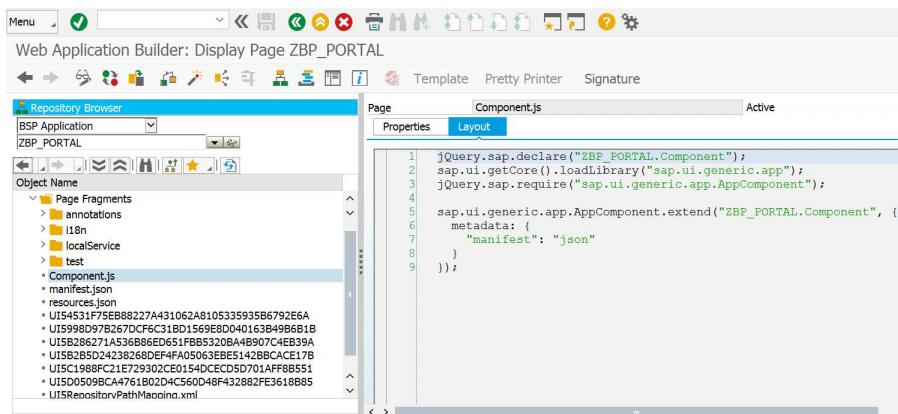
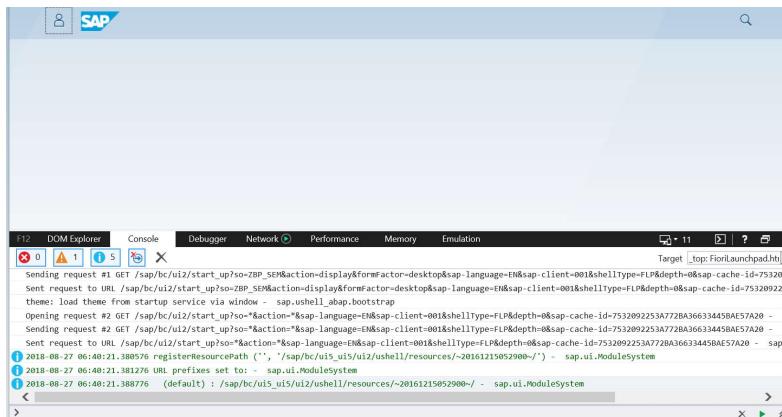
Hi, I added my app as described, however, there is an empty screen. What did I skip?

The screenshot shows the SAP Fiori Launchpad Project Explorer interface. The project structure is as follows:

- ZBP_PORTAL**:
 - dist
 - webapp
 - annotations
 - i18n
 - localService
 - test
 - Component.js
 - manifest.json
 - Gruntfile.js
 - neo-app.json
 - package-lock.json
 - package.json

The `Component.js` file is selected in the Project Explorer, and its content is displayed in the code editor tab:

```
1 jQuery.sap.declare("ZBP_PORTAL.Component");
2 sap.ui.getCore().loadLibrary("sap.ui.generic.app");
3 jQuery.sap.require("sap.ui.generic.app.AppComponent");
4
5 sap.ui.generic.app.AppComponent.extend("ZBP_PORTAL.Component", {
6   metadata: [
7     {
8       "manifest": "json"
9     }
10 });
11 
```



The screenshot shows the configuration interface for a Fiori app in SAP Fiori Launchpad. It is divided into two main sections: **Target** and **Navigation**.

Target Section:

- Semantic Object: ZBP_SEM
- Action: display
- Application Type: SAP Fiori App using LPD_CUST
- Launchpad Role: ZBP_ROLE
- Launchpad Instance: TRANSACTIONAL
- Application Alias: ZBP_ALIAS
- Application ID: (empty)

Information: (empty input field)

Device Types: Desktop (checked), Tablet (checked), Phone (checked)

Parameters: (Table)

Name	Mandatory	Value	Is Regular Expression	Default Value
Enter a name				

Navigation Section:

Title: Business partner #2

Subtitle: www.ya.ru

Keywords: Bp2

Icon: sap-icon://Fiori2/F0106

Information: (empty input field)

Use semantic object navigation:

Semantic Object: ZBP_SEM

Action: display

Parameters: (empty input field)

Target URL: #ZBP_SEM-display

Actions: (Table)

menu Item	Target T...	Navigation Target	Action	Icon
URL				sap-icon://

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Dilip Kumar KrishnaDeo Pandey | Blog Post Author
August 27, 2018 at 1:00 pm

Hi Fedor Shestov,

- Your FLP (FioriLaunchpad) configs are fine, but your UI5 app's Component.js has issue.
- Correct metadata references then try to run your app locally then go for FLP.
- No "createContent" found inside "Component.js" which calls other views.
- Please re-visit your UI5 app w.r.t. development steps.
- You can refer below blog:
 - [SAP Fiori Custom App development](#)

Thanks & Regards,

Dilip

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Fedor Shestov

August 27, 2018 at 2:41 pm

Thank you for your response. This app was created automatically based on the template "List Report Application" with using Odata Service + CDS + annotations. This app works fine in SAP Web IDE.

Like 0 | Share



Jagtar singh

September 7, 2018 at 7:30 am

Nice blog. It helps a lot

Like 1 | Share



Dilip Kumar KrishnaDeo Pandey | Blog Post Author

September 7, 2018 at 8:34 am

Jagtar....nice to hear that....

Regards,

Dilip

[Like 0](#) | [Share](#)[Follow](#)**Rajkumar Nabelli**

October 10, 2018 at 6:44 pm

Nice blog Dileep, really helpful for people who are new to Fiori.

I am trying to Launch the AO workbooks which are saved as Document to ABAP system (SAP NetWeaver Platform S4 system). Can we somehow call the "Object Type=Document" from Fiori Launchpad using Target Mapping?

I am using following URL in the tile currently to achieve this but I believe there must be a way to create a target mapping for this as well. Any thoughts?

`http://sap-dev.xxxxxx.sug.pri/sap/bw/analysis?`

`APPLICATION=EXCEL&OBJECT_TYPE=DOCUMENT&OBJECT_ID=ROXXX_GL_ACCOUNT_ANALYSIS`

[Like 0](#) | [Share](#)**Dilip Kumar KrishnaDev Pandey** | Blog Post Author

October 11, 2018 at 7:41 am

Hi Rajkumar,

I think, you can try *Target Mapping's* 'Application Type' option as "URL"

The screenshot shows a configuration interface titled 'Target Mapping'. Under the 'Target' section, the 'Application Type' is set to 'URL'. Below it are three empty input fields: 'Title', 'URL', and 'System Alias'.

And if you succeed, please let me know, this is a new kind of requirement for me as well.

Generally I prefer use of oDataService to "store/read" SAP-file (pdf/excel) via SAP-UI5-App.

Regards,

Dilip

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shaik abdul

November 6, 2018 at 9:40 am

Very nice blog. And thanks for your prompt responses.

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Arun m

February 26, 2019 at 4:59 am

Hi Experts,

i am facing an issue, i have developed a custom application using web IDE and it is working all fine in development and quality system but in production system it is not coming in fiori launchpad. even-though it is still there in the fiori launchpad designer.

any insights would be helpful.

regards,

arun

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Dilip Kumar KrishnaDev Pandey | Blog Post Author

February 26, 2019 at 6:15 am

Hi Arun,

If app's tile is not visible in FLP, the root cause is, that, respective user-id do not have correct PFCG role access. This PFCG role should have access to app's B. Catalog/Group and ODataSrv.

Please re-check w.r.t. above blog's reference.

Thanks & Regards,

Dilip.

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欧阳君

August 28, 2019 at 10:14 am

Create Catalog

Standard Remote

 Dilip Kumar Krishnadev Pandey | Blog Post Author
August 29, 2019 at 11:15 am

Dear Sammon,

Please remove empty space, you can not add space in ID

it should be **ZTest_Catalog**

not like below (below yellow highlighted has empty space) :

*ID:

ZTest_Catalog

Invalid entry

Why ?

Thanks & Regards,

thanks yDilip

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sammor.

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Somnath Choudhury

March 17, 2020 at 11:36 pm

Hi Dilip ,

Am following your blog step by step.Does the above configuration all steps required if i am using Local Webide with Connection to Fiori/ Backend established ? Thanks.

Regds,

Somnath.

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Dilip Kumar Krishnadev Pandey | Blog Post Author

May 23, 2020 at 5:50 pm

Hi Somnath,

Sorry for very late reply, till now, you may have already addressed the requirement

However, this blog's configuration steps are required when you plan to deploy your application in Fiori Launchpad.

For Local testing (e.g. Eclipse or WebIDE), above is mandatory.

Thanks & Regards,

Dilip

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RSS Feed



Mallikarjuna B

June 28, 2021 at 8:24 pm

Hi Dilip,

It's very nice and well explained in a easy manner.

When i launch the Fiori app from the FLP , in the navigation menu - still i could see the BSP name instead of Application title , could you please suggest me how can we achieve this , example is below .

Note : Lets say - Manage Products ==> Z_BSP_NAME

Currently displays Z_BSP_NAME instead of Application Title., Kindly advice where i missed

In the **initial screen** of an application, the title is usually the **application name**, such as *Manage Products*. This name must match the app name used on the [launchpad tile](#).



When launching the Application from the LPD , could see still my BSP application name , instead of App Title

Thank you in Advance.

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Dilip Kumar Krishnadev Pandey | Blog Post Author

July 17, 2021 at 7:24 am

Hi Mallikarjuna,

In group name you have kept Tech-Name and title both as Z_BSP_NAME. Change title name as per custom text.

Thanks & Regards,

Dilip

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VinothKumar N K1853

July 6, 2021 at 4:25 pm

Hi I am trying to deploy a standard Transaction say CN01 to fiori, I configured it in flpd_cust with target mapping and all and gave the roles as well but when i try to use it in fiori it is comming blank.

Any idea what i missed

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Dilip Kumar Krishnadev Pandey | Blog Post Author

July 17, 2021 at 7:27 am

Hi Vinoth,

Assign the App-role to user-id via which you are try to access the FLP.

Cross check, if App-role has B.Catalog/Group/ODataSrv tech-names listed.

Thanks & Regards,

Dilip

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Venu Gopal

July 30, 2021 at 4:37 am

I am using using Apple JDK11 with Bigsur OS and eclipse :2019-12 . If any one encountered this and resolved or has a work around please advise.



New Application Project

Create an Application Project for SAPUI5

Failed while installing Java 11.

Project name: * try

Use default location

Location: /Users/c739268/eclipse-workspace/try

Browse...

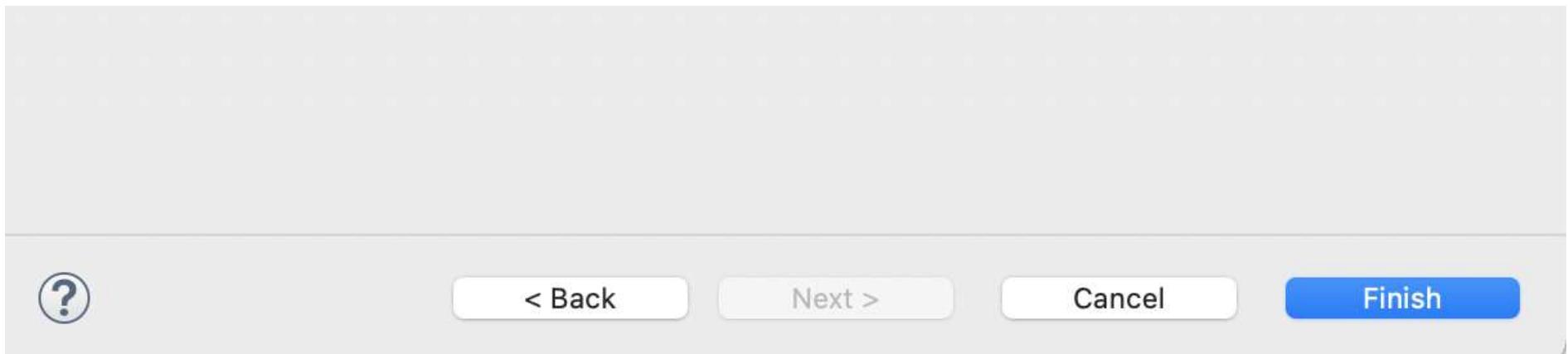
Choose file system: default

Library

- sap.ui.commons
- sap.m

Options

- Create an Initial View



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