

# How to Extend an SAP OData Service in Gateway| Fiori Extension Scenario - VIDEO

Wednesday, November 3, 2021 1:37 PM

How to Extend an SAP OData Service in Gateway| Fiori Extension Scenario| ...

[How to Extend an SAP OData Service in Gateway| Fiori Extension Scenario| contact@anubhavtrainings.com](mailto:contact@anubhavtrainings.com)

Anubhav Oberoy



# How to Create a Tile Pointing to URL : S/4Hana | SAP Blogs

Thursday, November 4, 2021 3:43 PM

Clipped from: <https://blogs.sap.com/2019/02/28/how-to-create-a-tile-pointing-to-url-s4hana/>

## Introduction:

The goal of this documentation is to give detailed step by step instruction on how to create a **static** tile pointing to URL.

## Prerequisites:

User id should be having Launchpad admin access "**SAP\_UI2\_ADMIN\_700**" in Gateway for using Launchpad Designer for creation of Tile.

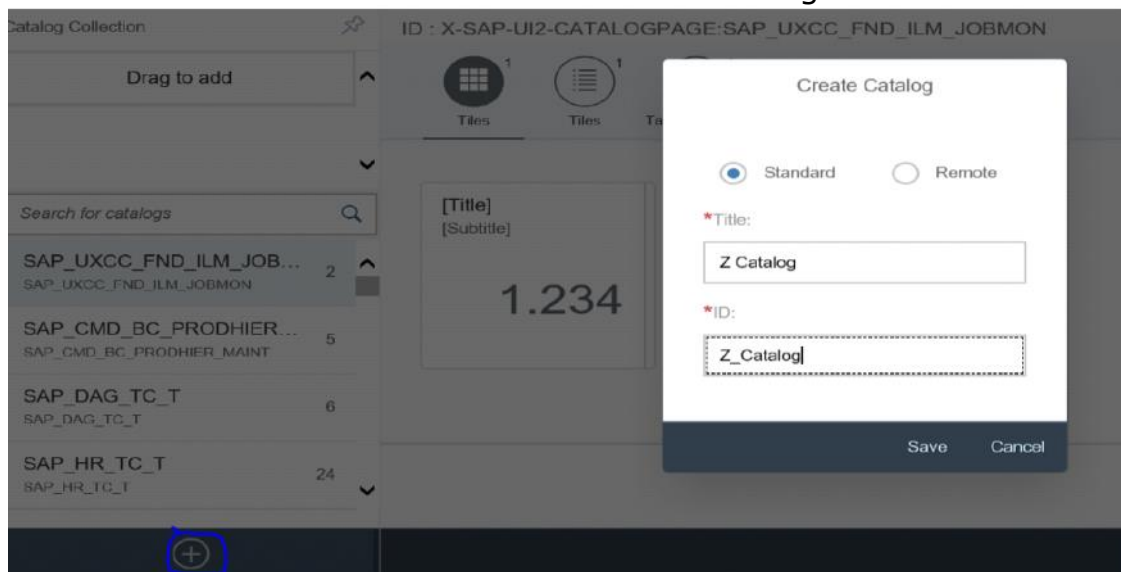
## Creating Tile in Launchpad Designer:

Login to Launchpad designer by using below url or using Tcode "/UI2/FLPD\_CUST" from Gateway system.

[http://host:port/sap/bc/ui5\\_ui5/sap/arsvc\\_upb\\_admn/main.html?scope=CUST&sap-client=100&sap-language=EN#](http://host:port/sap/bc/ui5_ui5/sap/arsvc_upb_admn/main.html?scope=CUST&sap-client=100&sap-language=EN#)

**1. Create Custom Catalog :** You are now into Launchpad Designer Tool, used for creation of Catalogs & Tiles. Follow the below steps for Catalog Creation.

- Click on + Sign on left bottom of below screen.
- Fill the required details on the pop up "Create Catalog" & press save.
- Catalog is created.
- Now we need to create Tile inside this catalog.



**2. Create Tile pointing to URL :** You should be now inside catalog created in above steps. Follow the below steps for Tile Creation which would be pointing to URL.

- Click on + sign on right screen to add Tile. It would open below screen.
- Select + of "App Launcher – Static" tile type to proceed. It should open a new page.
- Fill the required details and url in given fields as per below screen and choose save.
- That's it tile is created.
- Now get the catalog assigned to user role in gateway with help of security team,.
- The tile should be now visible under created catalog in FLP (Fiori Launchpad).

The screenshot shows the configuration page for an 'App Launcher - Static' tile. The top bar indicates 'Select a tile template' and 'Instance ID: 0WRCZZT2QZYNLPVRYQF0W2UA6'. The main area is divided into 'General' and 'Navigation' sections.

**General Section:**

- Title: Fiori Apps Library
- Subtitle: Any subtitle
- Keywords:
- Icon: sap-icon://Fiori2/F0002
- Information:

**Navigation Section:**

- Use semantic object navigation: ☐
- Semantic Object:
- Action:
- Parameters:
- Target URL: https://fioriappslibrary.hana.ondemand.com/sap/tx/external/

**Tile Actions Table:**

Menu Item	Target T...	Navigation Target	Action	Icon
<input type="checkbox"/>	URL			sap-icc

At the bottom, there are 'Save' and 'Cancel' buttons.

**3. Access Tile in Fiori Launchpad :** Access to GATEWAY by opening a web browser and go to the following URL:

<http://host:port/sap/bc/ui2/flp> or (/ui2/flp)

- Once FLP is loaded, goto "App Finder" under me area.
- Search for the created catalog.

- The new tile created should be available under this catalog with name provided in designer.
- Add the tile under your desired group.
- Go to FLP content area, select group under which tile is added, and you should see the Tile.
- Click on tile and it should launch the corresponding url in new tab.

Part 2 of this blog covering url tile for dynamic url is available at below link.

<https://blogs.sap.com/2019/03/20/how-to-create-a-tile-pointing-to-dynamic-url-s4hana/>

Fiori Fun at work!

**Thanks,**

Rakesh

# How to Create a Tile Pointing to dynamic URL : S/4Hana | SAP Blogs

Thursday, November 4, 2021 3:49 PM

Clipped from: <https://blogs.sap.com/2019/03/20/how-to-create-a-tile-pointing-to-dynamic-url-s4hana/>

## Introduction:

This is part 2 of my blog for URL Tile, aimed to further enhance the tile capability covering topics as suggested by [Jocelyn Dart](#) . The goal of this blog is to give detailed step by step instruction on how to create a tile pointing to **dynamic** URL.

Note the word dynamic here. This type of tile is generally used for our sap systems where in we have multiple environments and the URL protocol/host/port needs to be different for our DEV, QAS and PRD environments.

Part 1: <https://blogs.sap.com/2019/02/28/how-to-create-a-tile-pointing-to-url-s4hana/>

## Prerequisites:

User id should be having Launchpad admin access "**SAP\_UI2\_ADMIN\_700**" in Gateway for using Launchpad Designer for creation of Tile.

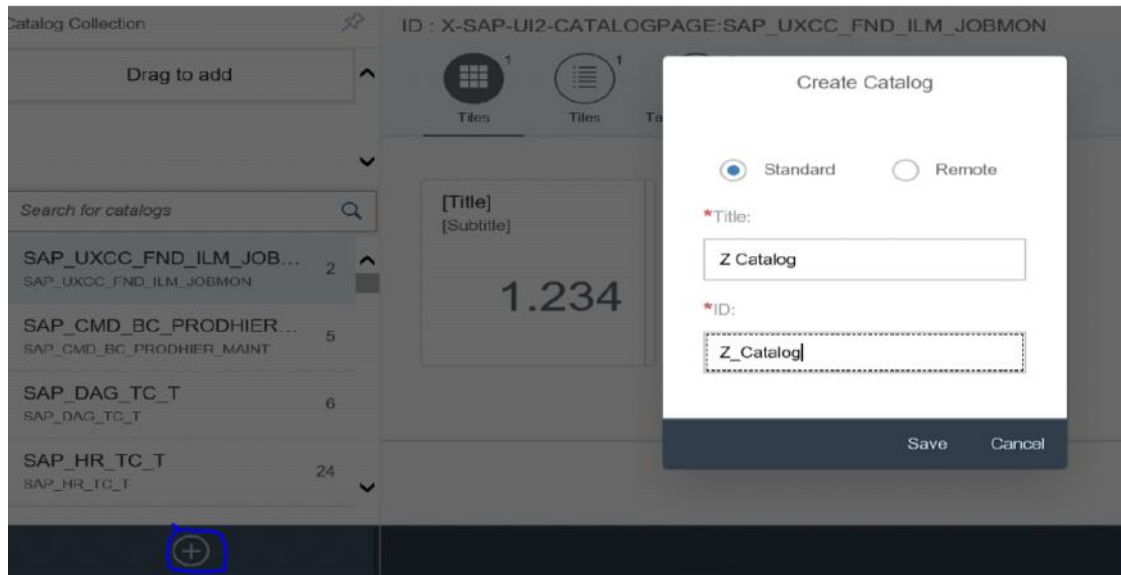
## Creating Tile in Launchpad Designer:

Login to Launchpad designer by using below url or using Tcode "/UI2/FLPD\_CUST" from Gateway system.

[http://host name: port/sap/bc/ui5\\_ui5/sap/arsvc\\_upb\\_admn/main.html?scope=CUST&sap-client=100&sap-language=EN#](http://host name: port/sap/bc/ui5_ui5/sap/arsvc_upb_admn/main.html?scope=CUST&sap-client=100&sap-language=EN#)

1. **Create Custom Catalog** : You are now into Launchpad Designer Tool, used for creation of Catalogs & Tiles. Follow the below steps for Catalog Creation.

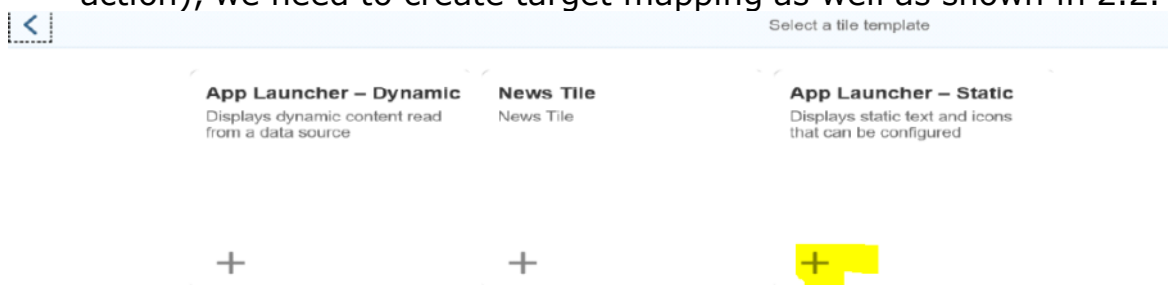
- Click on + Sign on left bottom of below screen.
- Fill the required details on the pop up "Create Catalog" & press save.
- Catalog is created.
- Now we need to create Tile inside this catalog.



**2. Create Tile pointing to dynamic URL :** You should be now inside catalog created in above steps.

2.1. Follow the below steps for Tile Creation which would be pointing to target mapping.

- Click on + sign on right screen to add Tile. It would open below screen.
- Select + of "App Launcher – Static" tile type to proceed. It should open a new page.
- Fill the required details in given fields as per below screen and choose save.
- Note that "*Use semantic object navigation*" is checked here and we need to provide Semantic Object and Action.
- That's it tile is created.
- Now since we are using intent based navigation here (semantic object – action), we need to create target mapping as well as shown in 2.2.



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Configure: 'URL Tile'
Instance ID: 0MRCZZT2QZYLH0LEKQUSHX2C

**General**

Title:

Subtitle:

Keywords:

Icon:

Information:

**Navigation**

Use semantic object navigation: ☒

Semantic Object:

Action:

Parameters:

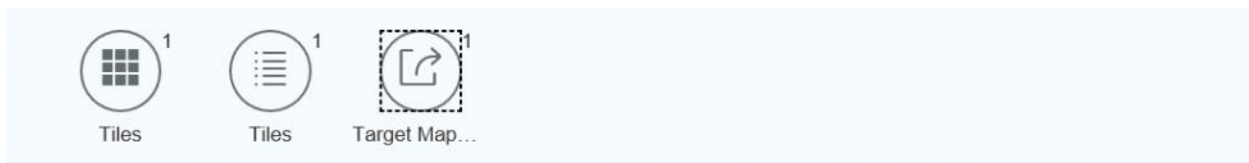
Target URL:

**Tile Actions**

<input type="checkbox"/>	Menu Item	Target T...	Navigation Target	Action	Icon
<input type="checkbox"/>		URL			sap-ico

2.2. Follow the below steps for Target mapping creation which would be pointing to URL.

- Now since we are using intent based navigation here (semantic object – action), we need to create target mapping as well.
- Next to Tiles tab we have a tab called “Target Mapping”, go to the tab and click on button “Create Target mapping” present in the footer section as show in below screen.
- Fill in the fields as shown in below screen. Make sure to have same semantic object – action combination as was used while creating tile.
- **Note** the field “**System Alias**” which is of importance here. Based on the system alias, the host:port part of the actual environment/server url would be picked. (*I have picked LOCAL here as this is the system alias pointing to my gateway*)
- In URL field you provide only the Base url which is common across all environment as show below.
- That’s it, the target mapping for url tile is created.
- Now get the catalog assigned to user role in gateway with help of security team,.
- The tile should be now visible under created catalog in FLP (Fiori Launchpad).



[Show similar target mappings](#)
[Create Target Mapping](#)
[Configure](#)
[Create Reference](#)

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< Configure: 'urltm' Instance ID: 0MRCZZT2QZYL VH0LHGQ91DYND

Intent

Semantic Object:

Action:

Target

Application Type:

Title:

URL:

System Alias:

General

Information:

Device Types: ☒ Desktop ☒ Tablet ☒ Phone

Parameters:	Name	Mandatory	Value	Is Regular Expression	Default Value	Target N...
<input type="checkbox"/>	Enter a nam	<input type="checkbox"/>		<input type="checkbox"/>		

Save Cancel

**3. Access Tile in Fiori Launchpad :** Access to GATEWAY in Dev. environment by opening a web browser and go to the following URL:

<http://host name: port/sap/bc/ui2/flp> or (/ui2/flp)

- Once FLP is loaded, goto "App Finder" under me area.
- Search for the created catalog.
- The new tile created should be available under this catalog with name provided in designer.



- Add the tile under your desired group.
- Go to FLP content area, select group under which tile is added, and you should see the Tile.
- Click on tile and it should launch the corresponding url pointing to current environment (Dev) host address.

Once the changes (Catalog/Role) are transported to other environments( i.e. QAS/PROD), no changes are needed in tile/target mapping if the same system alias is being used, and the url tile would work as expected (i.e. pointing to correct host).

**Note:** Don't forget to create a Customizing Transport request in Dev. gateway system and assign in Launchpad Designer. Once the changes are assigned in TR we can transport the same to other environments (QAS/PROD).

Fiori Fun at work!