# How to add a SAP transaction in a SAP FIORI tile ?

When you get used to work with SAP Gui, you navigate between the programs using some transactions codes. With SAP S/4 HANA, if you are under Fiori launchpad, a lot of transactions codes are no more available when you call them in the search bar.

You can adapt the fiori catalog with your usual transactions codes, standard or custom transactions codes. For that you have to create your own fiori tiles.

Let's take the standard tcode S_ALR_87010043.

## Vendor Business

### Supplier Selection

| | | | |
|---|---|---|---|
| Supplier Account | | to | |
| Company Code | | to | |

### Selection using search help

| | |
|---|---|
| Search help ID | |
| Search string | |

**Search help**

### Further Selections

| | | | |
|---|---|---|---|
| Reporting periods | 01 | to | 16 |
| Purchases for acct | | to | |

### Output Control

☐ Corporate group version
☐ Display Totals Only
Fiscal year    2024
☐ Display one-time account data
☐ Accounts with no purchases
Additional header
☐ List Separation
☐ Print microfiche line
☐ Translate into output currency
Currency/Exch.Rate Type/Date    M   14.09.2024

| Output List | Layout | |
|---|---|---|
| Detail List | | Configure |
| Details List: One-Time Cust. | | Configure |

When this transaction is not linked to a Fiori tile, and you try to search it in Fiori, you will have this screen:
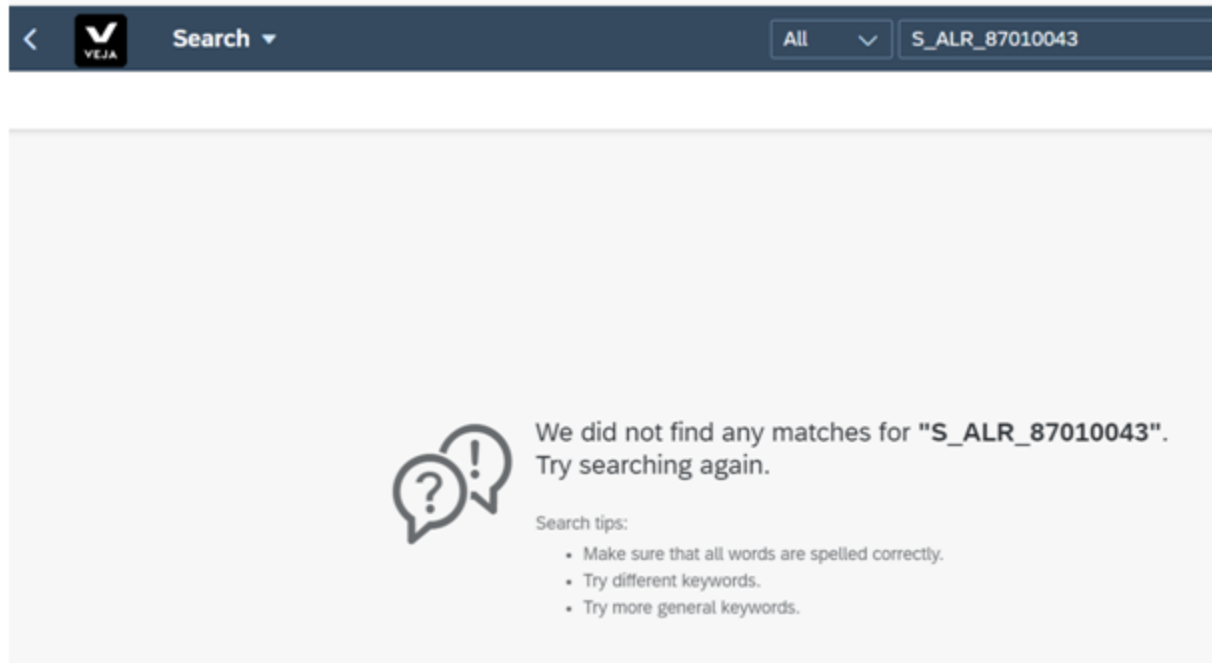
Now let's see how to link this transaction to a tile.

# Step 1: create a transport request

Go to tcode SE01, and create a workbench request.

# Transport Organizer (Extended View)

## Display | Transports | Piece Lists | Client | Deliveries

User

### Request Type

☑ Customizing
☑ Workbench
☐ Transport of
☐ Relocations

### Request Status

☑ Modifiable
☑ Released

**Create Request**

○ Customizing request
⦿ Workbench request

○ Transport of copies
○ Relocation of objects w/o package change
○ Relocation of objects with package change
○ Move Complete Package

Transp...

Transports
Repairs

✓ ✕

Display

## Transport Organizer (Extended View)

| Display | Transports | Piece Lists | Client | Deliveries |

User

### Create Request

| Request | | Workbench request |
|---|---|---|
| Short Description | Add tcode S_ALR_87010043 to a Fiori tile | |
| Project | | |
| Owner | EASYLIKS | Source client  100 |
| Status | New | Target |
| Last changed | 14.09.2024  15:55:26 | |

Tasks

| User |
|---|
| EASYLIKS |

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## Display Request 915848

```
Display Request     915848

    Workbench          Workbench request

        ->

            

                Modifiable

                    915848     EASYLIKS     Add tcode S_ALR_87010043 to a Fiori tile

                        915849   EASYLIKS     Unclassified
                    Request Attributes
```
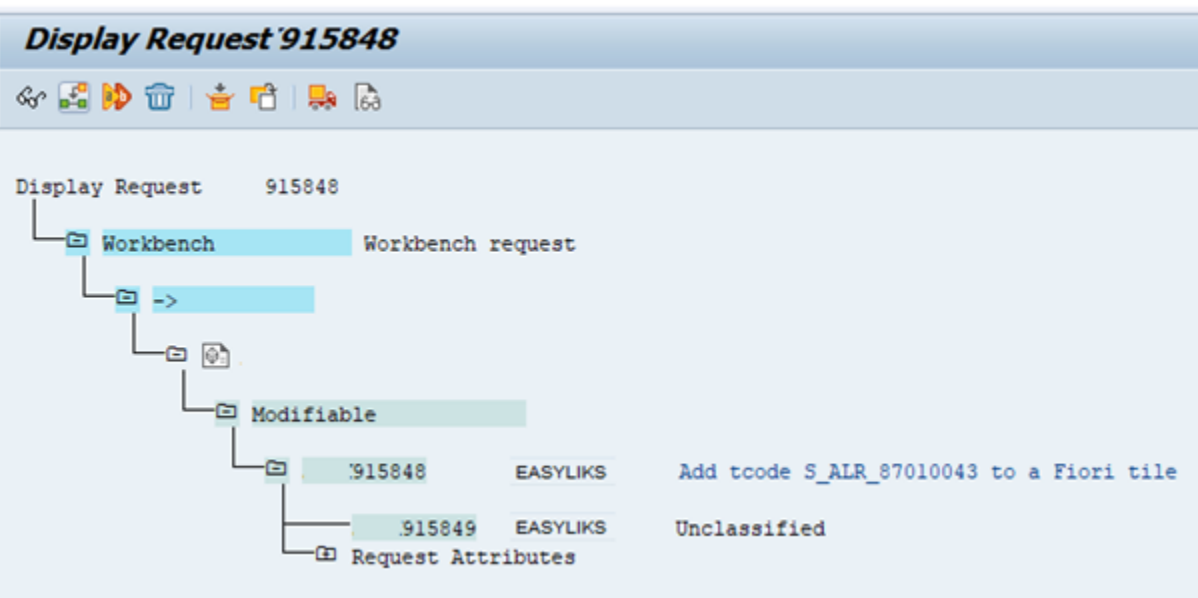
# Step 2: run Fiori launchpad designer.

go to tcode /UI2/FLPD_CONF.
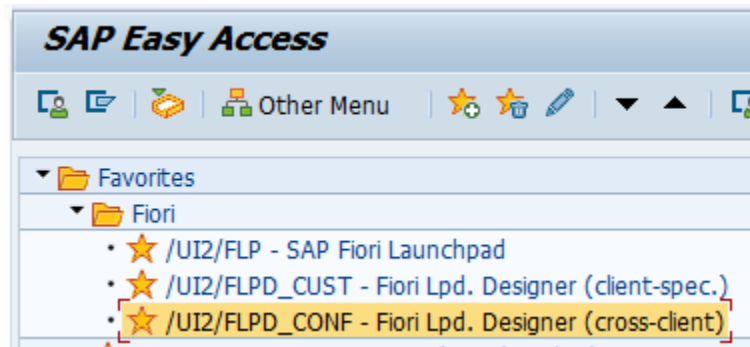


And in the right corner of the window, select "Settings" to have the transport request popup.
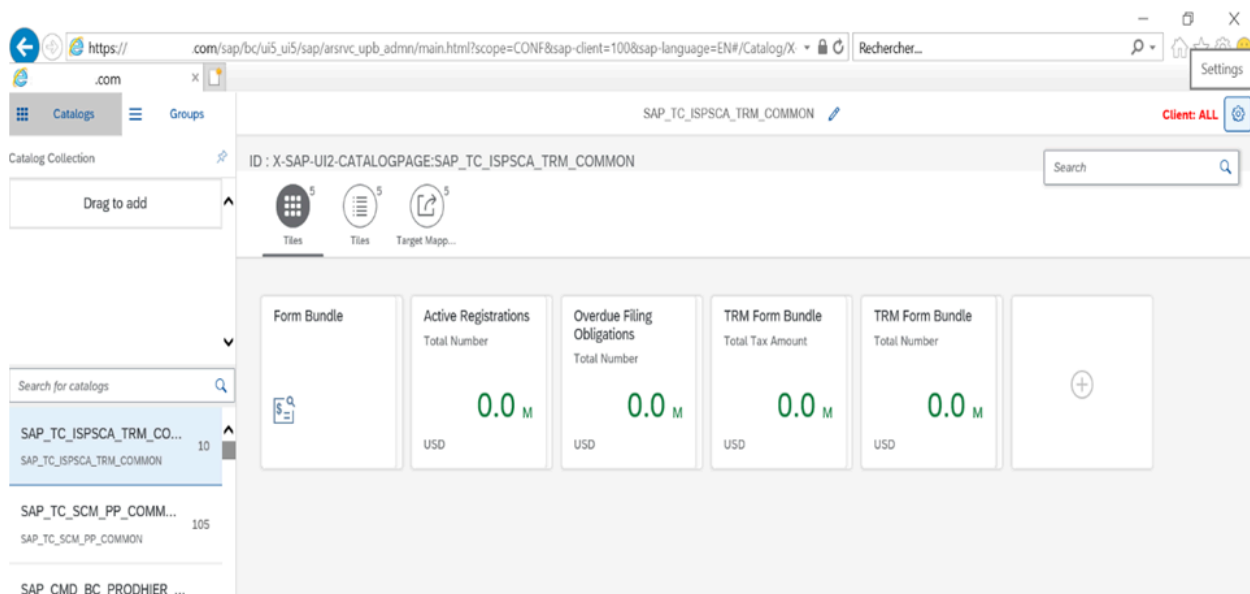


Call your transport request and the package name and push the OK button.

# Step 3: manage the catalog.

Call an existing catalog or create a new one.

For the exercise we choose to create a new catalog. Add a title for your catalog and an ID (no space allowed for the ID naming). And SAVE.
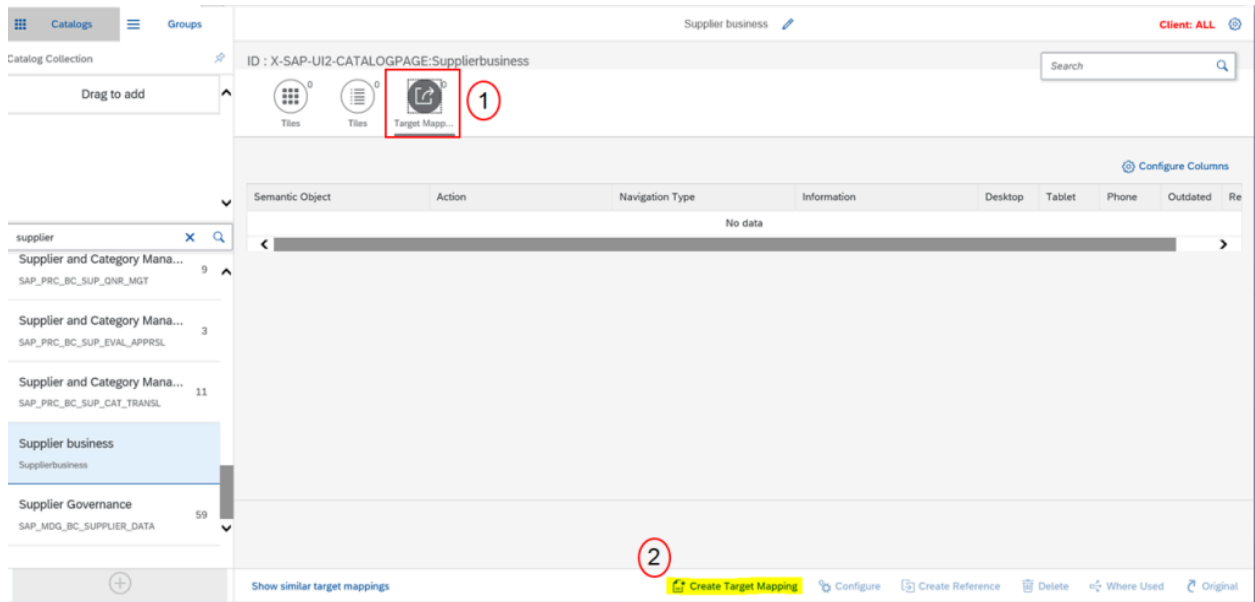
# Step 4: create the target mapping.

Click the target mapping button and then, at the bottom, click the "Create target mapping" button.

You must fill the fields highlighted in yellow.

Semantic object: it is the id of your object.

Action: choose "Manage".

Application type: choose "Transaction".

Title: Copy the title of the transaction you have in SAP Gui.

Transaction: paste here the Transaction code for the tile.

Information: Copy few explanation from the standard tcode.

**Intent**

Semantic Object:   vendorbusiness

Action:   manage

**Target**

Application Type:   Transaction

Title:   Vendor business

Transaction:   S_ALR_87010043

System Alias:

**General**

Information:   The vendor purchases list displays purchases in the local currency or in one of the output currencies that you specify.

Device Types:   ☑ Desktop     ☑ Tablet     ☑ Phone

Parameters:

| | Name | Mandatory | Value | Is Regular Expression | Default Value | Target N... | |
|---|---|---|---|---|---|---|---|
| ☐ | Enter a nam | ☐ | | ☐ | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

☑ Allow additional parameters

Add     Delete

Save   Cancel

Then press the SAVE button. Now your target mapping, which is the standard transaction code S_ALR_87010043, is defined correctly.

# Step 5: Go to the tile creation.

Click on the "Tiles" and then click on "Add tile".

As we want to link a transaction to a tile, we select the "App launcher – static" tile.
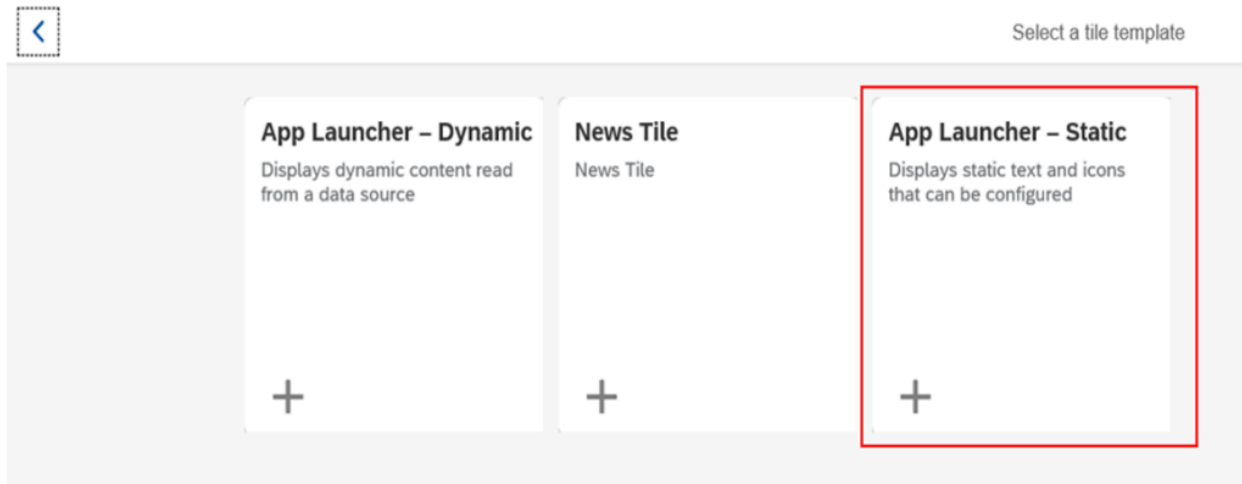


Fill the fields as described here and save it.

Title: paste the standard title of the transaction.

Subtitle: paste the transaction code.

Icon: choose an icon for your tile, representing a report if the transaction is a report, etc…

Use semantic object navigation: the checkbox must be selected.

Semantic object: paste the semantic object name defined at step 4.

Action: choose "Manage".

Information: paste the transaction code to be used as a search term.

The tile is now created correctly.
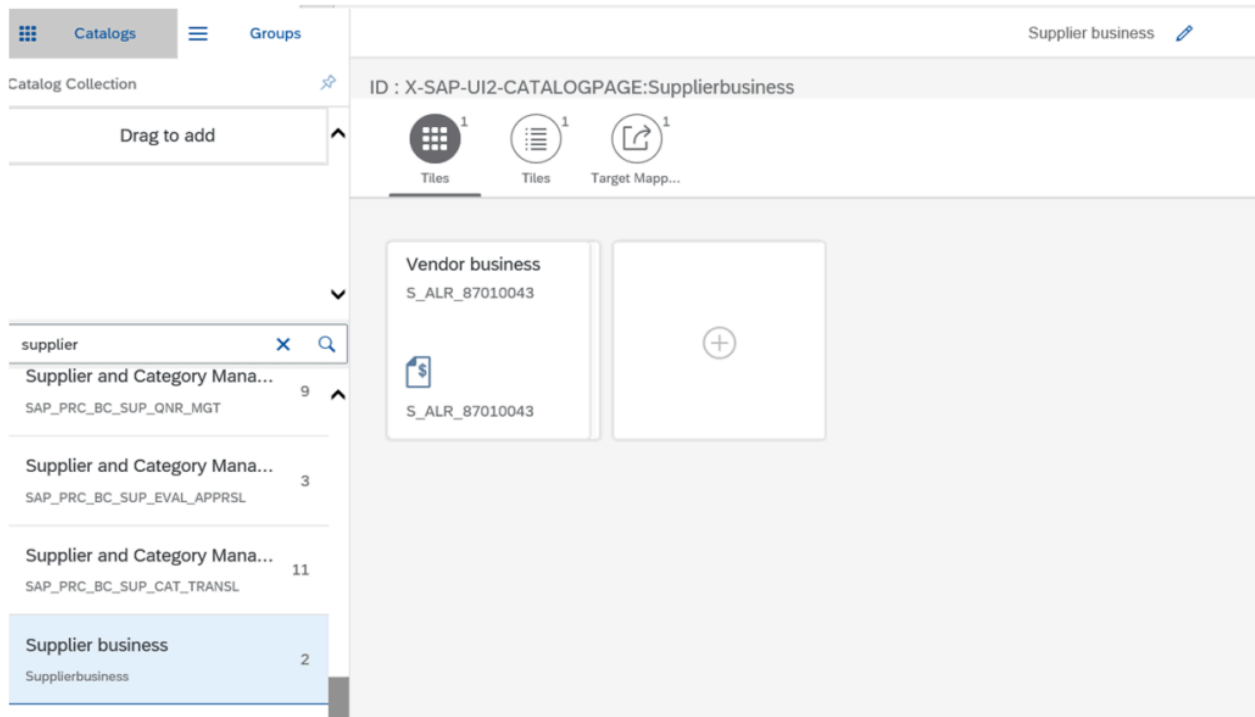
# Step 6: Add the tile to a group.

You can select an existing group or decide to create a new one. For the exercise, we are creating a new one, clicking on "Create group" button, on the left bottom side of the page.
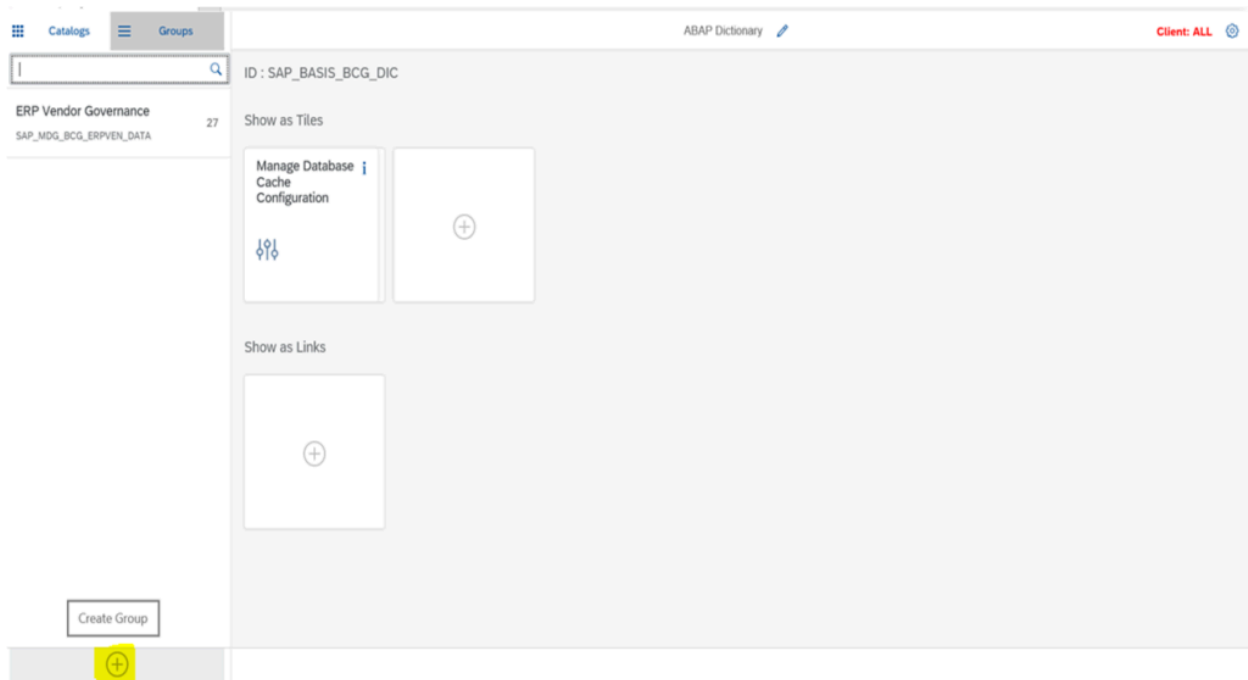
Keep the checkbox "Enable users to personalize their group" and save it.

Now you can see you are viewing your new group with the ID displayed, and you can call your tile to add it inside your catalog (defined at step 3).

Search for groups 🔍

ERP Vendor Governance

27

SAP_MDG_BCG_ERPVEN_DATA

Vendor Business

Vendorbusiness

ID : Vendorbusiness

Show as Tiles

⊕

Show as Links

⊕

Use the search help to retrieve your catalog and select it.
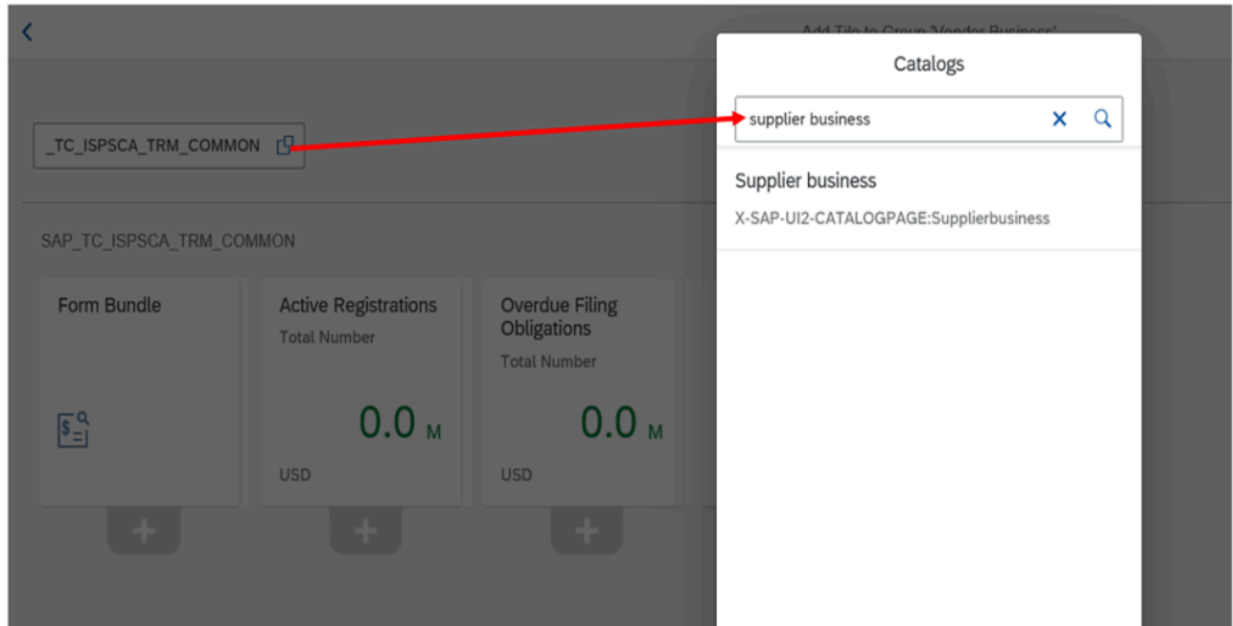
Now push the ADD button.
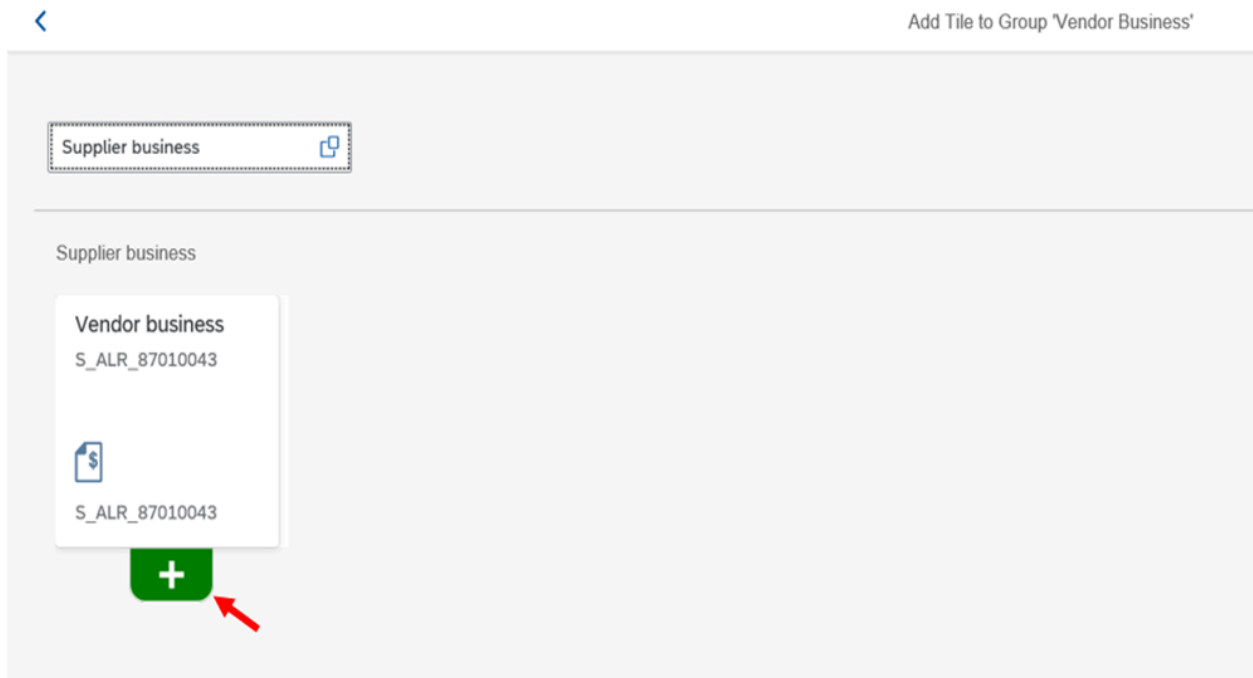
The success popup will be displayed and the ADD button turns to a CHECKED icon.
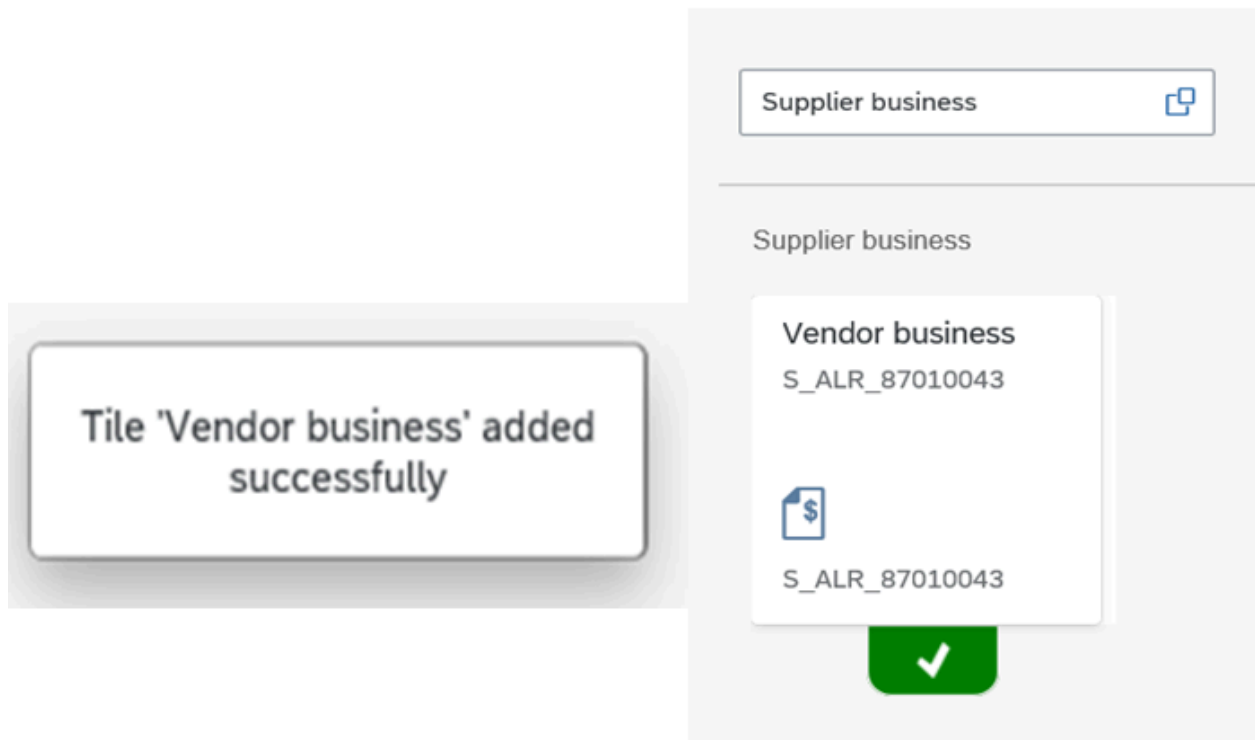


Go back to previous screen with your browser navigation.

Now your transaction is linked to a tile and to a group.

# Step 7: manage the authorizations in tcode PFCG.
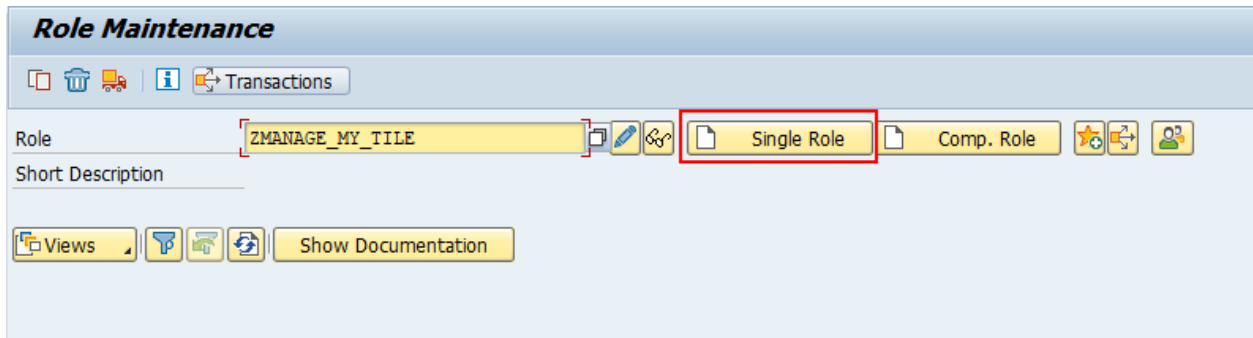
Name the role and push the "Create single role" button. Save it.

Now select the tab "Menu", and on the right side of the button "Transaction" push the little black triangle to display the sub-menu.

Select the "SAP Fiori Tile catalog" sub-menu.
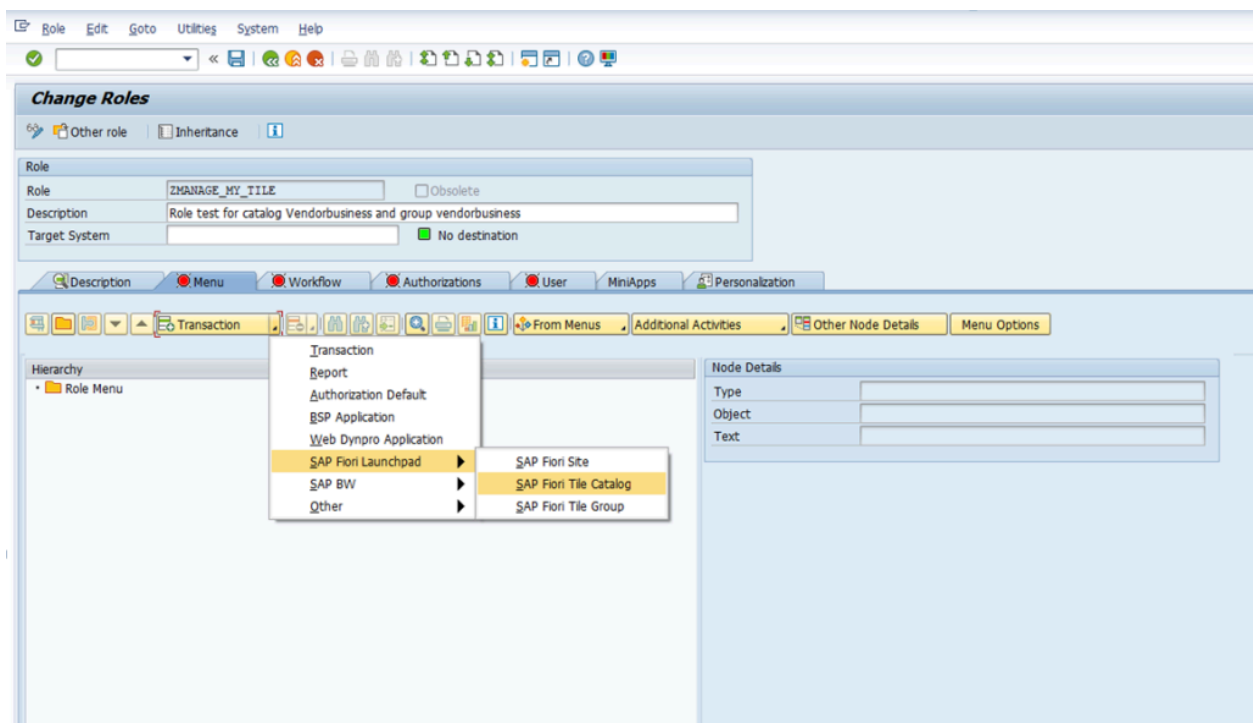
Select your catalog and validate.

**Change Roles**

Other role    Inheritance    i

| Role | | |
|---|---|---|
| Role | ZMANAGE_MY_TILE | ☐ Obsolete |
| Description | Role test for catalog Vendorbusiness and group vendorbusiness | |
| Target System | | 🟩 No destination |

Description   🔴 Menu   🔴 Workflow   🔴 Authorizations   🔴 User   MiniApps   Personalization

SAP Fiori Tile Catalog   From Menus   Additional Activities   Other Node Detail

Hierarchy | Assign Tile Catalog

• Ro

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

Location of Front-End Server

◉ Local Front-End Server
○ Remote Front-End Server

Catalog ID    Supplierbusiness    📋   i
       Vendor business

☑ Include Applications
Display Catalog

✔ ✖

Continue (Enter)

Do the same action for the tile group.

**Change Roles**

👁 📋 Other role  |  📄 Inheritance  |  ℹ️

**Role**

| Role | ZMANAGE_MY_TILE | ☐ Obsolete |
| Description | Role test for catalog Vendorbusiness and group vendorbusiness |
| Target System | | 🟩 No destination |

Description | ▣ Menu | 📋 Applications | 🔴 Workflow | 🔴 Authorizations | 🔴 User | MiniApps | 📄 Personalization

🔲 📁 💾 🔽 🔼 📇 SAP Fiori Tile Catalog | 📇 | 🔍🔍 | 🔍 🖨 📊 ℹ️ | 🔧 From Menus | Additional Activities | 🔲 Other Node Details | Menu Options

| | | Transaction | |
| **Hierarchy** | | Report | **Node Details** |
| ▼ 📁 Role Menu | | Authorization Default | Type | SAP Fiori Tile Catalog |
| ▶ 📄 Vendor business | | BSP Application | Object | Supplierbusiness |
| | | Web Dynpro Application | Text | Vendor business |
| | | SAP Fiori Launchpad ▶ | SAP Fiori Site |
| | | SAP BW ▶ | SAP Fiori Tile Catalog |
| | | Other ▶ | **SAP Fiori Tile Group** |

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**Change Roles**

👁 📋 Other role  |  📄 Inheritance  |  ℹ️

**Role**

| Role | ZMANAGE_MY_TILE | ☐ Obsolete |
| Description | Role test for catalog Vendorbusiness and group vendorbusiness |
| Target System | | 🟩 No destination |

Description | ▣ Menu | 📋 Applications | 🔴 Workflow | 🔴 Authorizations | 🔴 User | MiniApps | 📄 Personalization

🔲 📁 💾 🔽 🔼 📇 SAP Fiori Tile Group | 📇 | 🔍🔍 | 🔍 🖨 📊 ℹ️ | 🔧 From Menus | Additional Activities | 🔲 Other Node Details | Menu Options

| **Hierarchy** | **Node Details** |
| ▼ 📁 Role Menu | Type | SAP Fiori Tile Catalog |
| ▶ 📄 Vendor business | Object | Supplierbusiness |
| | Text | Vendor business |

**Assign Group**                                    ✕

| Group ID | Vendorbusiness | 📋 Display Group |
| Group Title | Vendor Business |

✅ ❌ 🔒

Continue (Enter)

Now you can add this role to your username. Select the tab "User" and enter your username and save.

| Role | | | |
|---|---|---|---|
| Role | ZMANAGE_MY_TILE | | ☐ Obsolete |
| Description | Role test for catalog Vendorbusiness and group vendorbusiness | | |
| Target System | | | 🟩 No destination |

🔍 Description    🟩 Menu    📑 Applications    🔴 Workflow    🔴 Authorizations    🔴 User    MiniApps

🟩 Selection    🟩 Organizational M...    🟩 User Comparison   ℹ️

### User Assignments

| User ID | User Name | From | to | I... | |
|---|---|---|---|---|---|
| EASYLIKS | | 14.09.2024 | 31.12.9999 | | |

# Step 8: Try your new tile.

Run the Fiori launchpad and select your catalog to see the new tile created.

https:// .com/sap/bc/ui2/flp#Shell-home

**Home** ▼

Query Browser    Vendor Business

**Vendor business**

S_ALR_87010043

S_ALR_87010043

When you click on the tile, it calls the standard tcode as in SAP Gui.

If you want to use the search option, you can key the tcode and it finds the corresponding tile.

Conclusion: if you want to help your users to navigate easily in SAP Fiori, you can manage your catalogs by business processes, adding the tiles corresponding to the transactions codes they must follow. According to the authorizations, the users will be able to run only the transactions allowed and will not get lost with the Apps finder.