

JSON Model
Resource Model
Odata
XML Model

odata-fetch-results
JSONModel

Fiori Apps (FLP)
Component-preload.js

Standalone Apps
Index-Load UI5 FrameWo
Component.js
Manifest.Json
view
controller

**Multiple Objects
fetch Single Property in Objs
One Object**

Types of Binding :
1. Aggregation Binding
2. Property Binding
3. Element Binding
4. Expression Binding

VBOX , HBox

StandardListItem

EventHandler

OneWay
TwoWay
OneTime

Client model
i18n - Internalization
Server Side Model

/n/ui2/flp

Fiori Launchpad is the central point to access the Fiori Apps
 Its consists of Tiles and Groups
 Groups consists of Catalogs
 Catalogs Holds a Tiles
 Tiles get a reference of our Application

Virtual DOM

rk

UI5 Build
npm run deploy

Ex: Table, List , ComboBox,Select.....
Ex: Text,Title,Date,.....
Ex: VBOX, Simple Form,...
Ex: Based On Requirement Condition in any Element

It can give Data
Give Data and Take the data
it will one time

UI5/Fiori	Odata	
Create	POST	
Read	GET	
Update	PUT/Merge	V2/V4
Remove	Delete	

sap/bc/api/odata/Zdummy_SRV
fruitsSet

Embbded System
Central Hub System

Both Front end and Back End System in Single System
both Front end and Back End System are separated
RFC Connection (System Alias)

Indent-(Sematic Object + Action)

Split APP(Master-Details)

Worklist App

Dynamic Page

Object Page

Icon Tab Bar

Vie

Save

EMP ID	EMP NAME	EMP PH
!@#	jhvj	hjgv
66	ngnv	hjgv

[{} , {} , {}]

ID	5
Name	dgt
Category	dgb
Price	stgh
rating	thb
Button(ADD)	

ID	Name	Category	Price	Rating
----	------	----------	-------	--------

1	hgc	hgj	6	67r
3				
4				

View1 Button(press)
 View1Contoller
 View2
 View2Controller Button Evnt
 ViewN
 ViewNcontoller

Manifest very imp file 1
 It Consists of a all the T
 Manifest is also called .

Step-1
VS-Code System SAP

SAP System - Fiori Launchpad
Fiori Launchpad Design

BSP- BUSSINESS SERVER

BSP APPLICATION ABAP I

for a developer
Technical Information of Enitre Projects.
as App Decriptor

SE09 , SE80

UI2/SEM OBJ

Steps to Deploy our app to SAP System

TR-Transport Request

Step-2

Step-3

Step-4

ABAP Repository Name(BSP)

TR No,Package

Sematic Object+Action

Description

Business Server Page

hpad

Catalog+Group = Tiles and target Mappings

2nd Stage

PAGE

RESPOSITORY

View1	View2
Header Item	Item Data
	Item Data
	Item Data
	Item Data

Item Data

View1	View2
India State	Districts
Uttar Pradesh	Jhansi
Uttar Pradesh	Lucknow
Uttar Pradesh	kanpur
Madhya Pradesh	
Maharastha	
Goa	
Telangana	
Andhra Pradesh	
Tamil Nadu	

Controller1	View1	
Controller2	View2	
Controller3	View3	
Controller4	n.....	Single Controller

Controller1	View1
Controller2	View1
Controller3	View1

View3

Material Name,PO,PRNO,Delivery ,Delivery No

View3
Mandals

View4
Villages

5
4
6

76

One View to another View

Step-1: Routes

Step-2: Targets - View Details

Step -3 : Call Route Name

2

2>,<4

4>,<6

6>

TR
Package
semaic

Dev
345
zpkg

Combo Box
Name

View1	View2	Mumbai
View1	Mumbai	

Associate Engineer
Software Engineer
Senior Engineer
Team Lead

TR(Tra

What is Fiori?

It's a design approach which developed by SAP to build Responsive web Application using Adaptive, Simple, Coherent, Role Based, Delightful

What is UI5 & Fiori?

No, UI5 is a Framework which is used to build a Fiori Applications.
Fiori is design approach to develop a web Application.

One App to Another App

Cross-App Navigation (Semantic Object + Action)

Cross-App Navigation Syntax:

```
var oCrossAppNavigator =
sap.ushell.Container.getService("CrossApplicationNavigation"); // get a handle on the
global XAppNav service
var hash = (oCrossAppNavigator && oCrossAppNavigator.hrefForExternal({
  target: {
    semanticObject: "Supplier",
    action: "display"
  },
  params: {
    "supplierID": supplier
  }
})) || ""; // generate the Hash to display a Supplier
oCrossAppNavigator.toExternal({
  target: {
    shellHash: hash
  }
}); // navigate to Supplier application
}
```

To Create Semantic Object - ui2/semobj

To Create package - SE80

To Create TR - SE09

1. Fiori LaunchPad Designer => Semantic Object - Transaction App - **VA01**

2. SICF Node (SICF) => GUI Transaction - **VA01**

3. Status-Magnifier Symbol
4. **SICF** => FIN_BANK => Activate (Front-End)
- 50% 5. **iwfnd/maint_service** => FCLM_BM_SRV => Package and System Alias -> Activate
6. **ui2/flpd_cust** (Fiori Launch Pad Designer) ->
 - i. create Catalog
 - ii. Create Group
7. -> Catalog - SAP_TC_FIN_CM_COMMON -> (Bank+manage) -> Custom Catalog
8. - Group - Create Group and Inside Assign it.
- 90% 9. Activate Application (Green Color Tick)

ZGROUP AND ZCATALOG

ZROLE_KAPIL - SPACE, CATALOG, GROUP

100% KAPIL - **PFCG**

Rapid Activation -> Activation of multiple app in a single shot based roles (BR)

1. STC01 -> TaskList Tcode

2. **SAP_FIORI_CONTENT_ACTIVATION** - SAP_BR_CASH_MANAGER

3.Execute

Output -> ZSAP_BR_CASH_MANAGER

Space and Pages

It was came in S4 HANA 2020

Groups was deprecated (Spaces and Pages)

two Fiori Apps => 1. Manage LaunchPad Pages, 2. Manage Launchpad Spaces

Sales Offices

UI5, Table,

Fiori Elements - Ready Made template (LIST Report).

List Report, Object Page, Analytical Report ..

XML and JSON (RESTful API)

WebDynpr GUI

mobile,Tablet,Lap,Deskp

g 5 Fiori Priciples.

va01,VA02

WA02

SM30

detail/Apps('F1705')/S28OP

Some Unnessecary app will also activated