|  |
| --- |
| Close-up of woman's hands typing and using a trackpad on a laptop with mug |
| SAP BAS Hands-On Fiori  Create Fiori app |
| |  |  |  | | --- | --- | --- | | Trim Bandaru | [Date] | SAP BAS with Fiori | |

Contents

[**1.** **Create Destination in SAP BTP Cockpit** 1](#_Toc116387410)

[**2.** **Create Fiori App in SAP Business Application Studio** 3](#_Toc116387411)

[2.1 Access SAP Business Application Studio 3](#_Toc116387412)

[2.2 Setup Dev Space 5](#_Toc116387413)

[2.3 Open Dev Space 6](#_Toc116387414)

[2.4 Create Fiori Application 7](#_Toc116387415)

The following guide helps to configure

* Northwind Destination in BTP Cockpit
* Generate Fiori app using template and bind Northwind service
* Start application in SAP BAS

# **Create Destination in SAP BTP Cockpit**

Open cockpit and go to path: {Sub Account} -> Connectivity -> Destinations

Graphical user interface, text, application, email

Description automatically generated

1. Click on New Destination and enter destination details
2. Destination details

|  |  |
| --- | --- |
| Field | Value |
| Name | northwind |
| Type | HTTP |
| Description | Northwind OData Service |
| URL | https://services.odata.org/V2/Northwind/Northwind.svc |
| Proxy Type | Internet |
| Authentication | NoAuthentication |

|  |  |
| --- | --- |
| Additional Properties | Value |
| HTML5.DynamicDestination | true |
| WebIDEEnabled | true |
| WebIDEUsage | odata\_gen |
| HTML5.Timeout | 60000 |
| WebIDEAdditionalData | full\_url |
|  |  |

Alternatively, you can import this destination file using import option also



1. After entering information, Destination screen should be as below

Graphical user interface, application

Description automatically generated

Click on Save.

1. After saving, click on Check Connection button, you should see message as below

Graphical user interface, text, application

Description automatically generated

# **Create Fiori App in SAP Business Application Studio**

## Access SAP Business Application Studio

Go to path: {Sub Account} -> Services -> Instances and Subscriptions

Click on SAP Business Application Studio link as shown in below. This should open new tab

Graphical user interface, text, application

Description automatically generated

If you get error like below, that means you don’t have permission to access BAS.

Graphical user interface, text

Description automatically generated

Assign required roles as below

Go to path: {Sub Account} -> Security -> Users

Click on required User row

Graphical user interface, application

Description automatically generated

Click on highlighted arrow mark to expand/minimize the section.

Click on Assign Role Collection

Graphical user interface, application

Description automatically generated

Search with ‘Bus’ in search box and select all three roles

Click on Assing Role Collection

Graphical user interface, application

Description automatically generated

Now reload cockpit and follow 2.1 steps to access Business Application Studio

You should see the BAS as below

Graphical user interface, text, application

Description automatically generated

## Setup Dev Space

**This step is required for first time only.**

1. Click on Create Dev Space and input any free text
2. Select SAP Fiori as shown below and click on ‘Create Dev Space’ button

Graphical user interface, text, application

Description automatically generated

Dev space will be created and started automatically. It may take some time.

## Open Dev Space

1. Click on Play button to start the Dev Space
2. Click on dev space after status is RUNNING

Graphical user interface, text, application, email

Description automatically generated

1. You should see Business Application Studio as below

Graphical user interface, application, website

Description automatically generated

## Create Fiori Application

1. Click on *Start from template*

Graphical user interface, application

Description automatically generated

1. Select *SAP Fiori Application* and click *Start*

Graphical user interface, text, application

Description automatically generated

1. Select Application Type as *SAPUI5 freestyle* and Select SAP Fiori Worklist Application

Click *Next*

Graphical user interface, text, application

Description automatically generated

1. Select Data Source as *Connect to an OData Service*  and Enter OData service URL <https://services.odata.org/v2/Northwind/Northwind.svc/>

Click *Next*

Graphical user interface, text, application, email

Description automatically generated

1. Select dropdown values as below

Object collection : Orders

Object collection Key : OrderID

Object ID : OrderID

Object Number : EmployeeID

Object Unit measure : ShipCountry

Click *Next*

Graphical user interface, application

Description automatically generated

1. Enter field values as below

Module name: demoapp (any free text)

Application title: Orders (any free text)

Application namespace: com.demo (any value)

Description: any value

Add deployment configuration: select yes

Add FLP Configuration: select yes

Leave rest of the fields as is and click *Next*

Graphical user interface, application

Description automatically generated

1. Select *Please choose the target* to *Cloud Foundry*

Destination name as northwind

Graphical user interface, text, application, email

Description automatically generated

1. Enter value as below

Semantic Object: orders (any value)

Action: list (any value)

Title: Orders (Any value)

Click *Finish*

Graphical user interface, application, email, website

Description automatically generated

1. After successful generation, project will be displayed as below

Graphical user interface, text, application, email

Description automatically generated

1. Select *Run Configuration* from left side as highlighted

Graphical user interface, text, application, email

Description automatically generated

Click on green play button as highlighted below.

This action triggers the start of application

Graphical user interface, text

Description automatically generated



1. New tab will be open after app started successfully. Please check if pop-up blocker stopping the new tab opening.

A picture containing application

Description automatically generated

With all these steps, you have completed the generation of Fiori application and started the application successfully