

Create Basic List Report

Copy your `ZWS##_CDS_SIMPLE` to **`ZWS##_CDS_LIST`**.

Remember to change the `@AbapCatalog.sqlViewName` and `@EndUserText.label` values.

```
@AbapCatalog.sqlViewName: 'ZWK##CDSLST'
@AbapCatalog.compiler.compareFilter: true
@AbapCatalog.preserveKey: true
@AccessControl.authorizationCheck: #CHECK
@EndUserText.label: 'List Report'
@UI.headerInfo.typeName: 'Sales Order'
@UI.headerInfo.typeNamePlural: 'Sales Orders'
define view ZWS##_CDS_LIST as select from ztmcds9_i_so {
@UI.lineItem: [{position: 10 }]
    key Id as SalesOrderID,
    CustomerId as CustomerID,
@UI.lineItem: [{position: 20 }, { label: 'Customer Name' }]
    _Customer.name as CustomerName,
@UI.lineItem: [{position: 30 }]
    GrossAmount
}
```

Activate the CDS and add it to the Service Binding as **BasicList**

```
@EndUserText.label: 'UI 98 Service Definition'
define service ZUI_WKSP_98 {
    expose ZWS##_CDS_Simple as SimpleCDS;
    expose ZWS##_CDS_Basic as BasicCDS;
    expose ZWS##_CDS_LIST as BasicList;
}
```

Start your SAP Business Application Studio.

Open/Create your Dev Space.

There are two options to start the Fiori Template Wizard.

1. From the Welcome page you select *Start from template* and then select the **SAP Fiori application**
2. From the menu select *View* then *Find Command...* (`Ctrl+shift+P`) and then type **Fiori: Open Application Generator**

- Select the Application Type: **SAP Fiori elements**, and select the **List Report Object Page** and press **Next**.

In the Data source select *Connect to a System*, in the System select *your abap-cloud-default..(BTP)*. It will now look for the OData services on the Trial ABAP Cloud system, this may take a minute.

In the Service select your Service Binding **ZUI_WKSP_##**.

Data Source and Service Selection

Configure the data source and select a service.

Data source *

Connect to a System

System ? *

abap-cloud-default_abap-trial-d4a3a905trial-dev (BTP)

Service *

ZUI_WKSP_98 > ZUI_WKSP_98 (0001) - OData V4

- Press **Next**
- Select your **BasicList** as the *Main entity*.

Entity Selection

Configure the selected service.

Main entity *

BasicList

Automatically add table columns to the list page and a section to the object page if none already exists?

☒ Yes ☐ No

- Press **Next**
- Enter the Projects Attributes

Name	Value
Module name	basic-list
Application title	Basic List
Application namespace	nato.workshop
Description	Basic List
Project folder path	/home/user/projects
Minimum SAPUI5 version	leave as is
Add deployment configuration	Yes
Add FLP configuration	Yes
Configure advanced options	No

Project Attributes

Configure the main project attributes.

Module name  *

basic-list

Application title 

Basic List

Application namespace 

nato.workshop

Description 

Basic List

Project folder path *

/home/user/projects

Minimum SAPUI5 version  *

1.96.7 (Source system version)

Add deployment configuration

☒ Yes ☐ No

Add FLP configuration

☒ Yes ☐ No

Configure advanced options

☐ Yes ☒ No

- Press Next
Deployment Configuration
Configure deployment settings

Please choose the target *

Cloud Foundry

▼

Destination name *

abap-cloud-default_abap-trial-d4a3a905trial-dev(SCP) - https://45f514af-f57b-4579-990b-8b70ea328491.abz

▼

Add application to managed application router?

☒ Yes ☐ No

- Press Next

Enter Fiori Launchpad settings

Name	Value
Semantic Object	NATO
Action	BasicList
Title	Basic List
Subtitle (optional)	Workshop

Fiori Launchpad Configuration
Configure Fiori Launchpad settings

Semantic Object *

NATO

Action *

BasicList

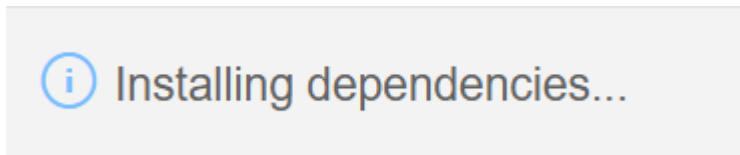
Title *

Basic List

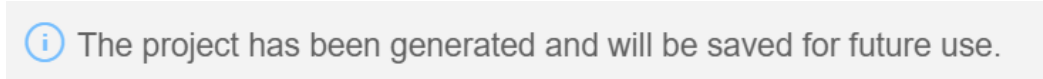
Subtitle (optional)

Workshop

- Press **Finish**



- The installation of the dependencies may take a few moments.



- When is is done you will see a page with Application Information.

Welcome Application Info – basiclist x

Application Information

Project Details

Module Name	nato.workshop.basiclist	Type	SAP Fiori elements
Application Title	Basic List	SAPUI5 Version	1.96.7
Namespace	nato.workshop	Project Type	EDMX Backend
Location	home/user/projects/basic-list/	Main Service	zui_wksp_98 (V4.0)
Files	package.json manifest.json		

Application Status

- Node modules are installed in directory 'node_modules'.
- Latest version of node module '@sap/ux-specification@1.96.11' installed.
- Latest version of node module '@sap/ux-ui5-tooling@1.5.5' installed.
- Latest version of node module '@sap/ux-ui5-fe-mockserver-middleware@1.5.5' installed.

What you can do

Preview Application
 Choose from start scripts to run the application preview.

Validate Application
 Validate the application.

Check Service
 Check service with annotation. You can copy annotations to local annotation file.

Manage Service Models
 You can sync metadata.xml with backend.

Local XML Annotations
 You can choose or create local XML annotation files.

Open Guided Development
 Guided Development helps solve common tasks.

Open Page Map
 Open the page map that shows application pages and navigation paths.

Add Deploy Config
 Add deploy configuration to the application.

Deploy Application
 Deploy the application according to the configuration by default stored in 'ui5-deploy.yaml'.

Undeploy Application
 Remove a deployed application from backend or cloud.

Check Node Modules
 Execute command that checks all node module dependencies for newer versions.

Add Variants Config
 Add Configuration for Variants Creation.

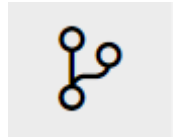
Maintain Mockdata
 Start editor for maintaining mock data.

Create Archive
 Zip the project excluding the node_modules for sharing (e.g. support cases)

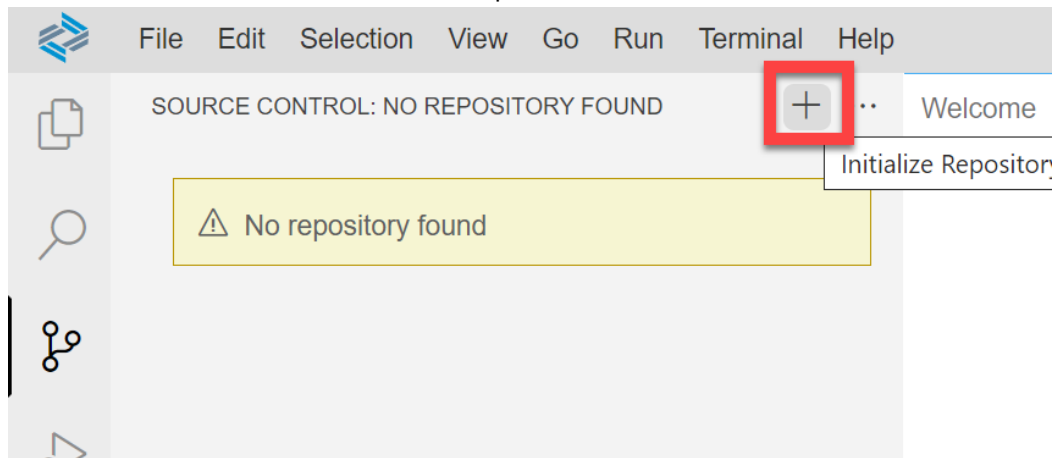
- Press *Preview Application* to start the application.

Open the project folder and activate GIT

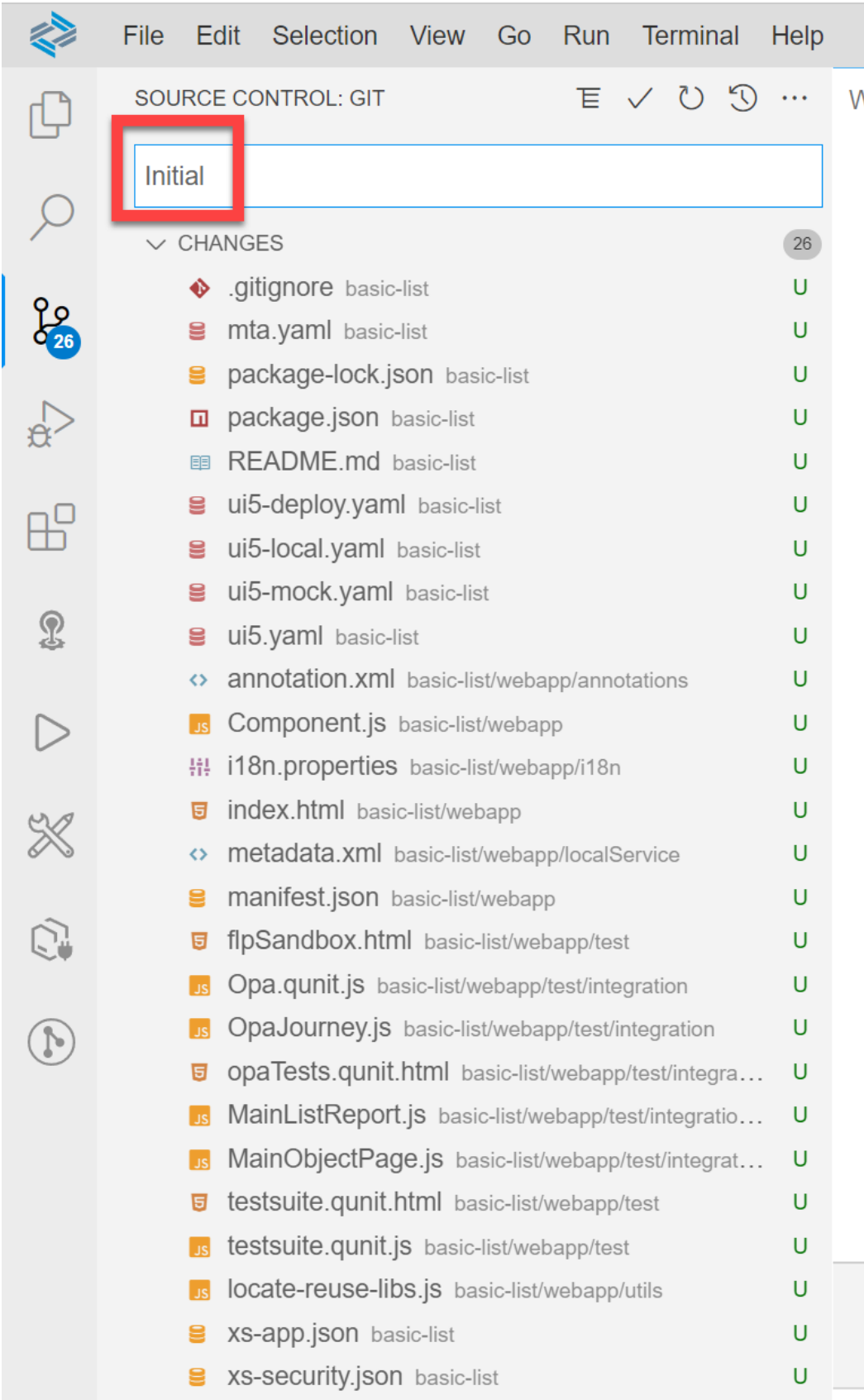
- Open the projects folder.



- Click on the *GIT* tab. and press the + Plus button.



- This will instantiate the GIT source control. Enter a message, e.g.: **Initial** and press **CTRL+Enter**.



Select *Always* in the popup.

