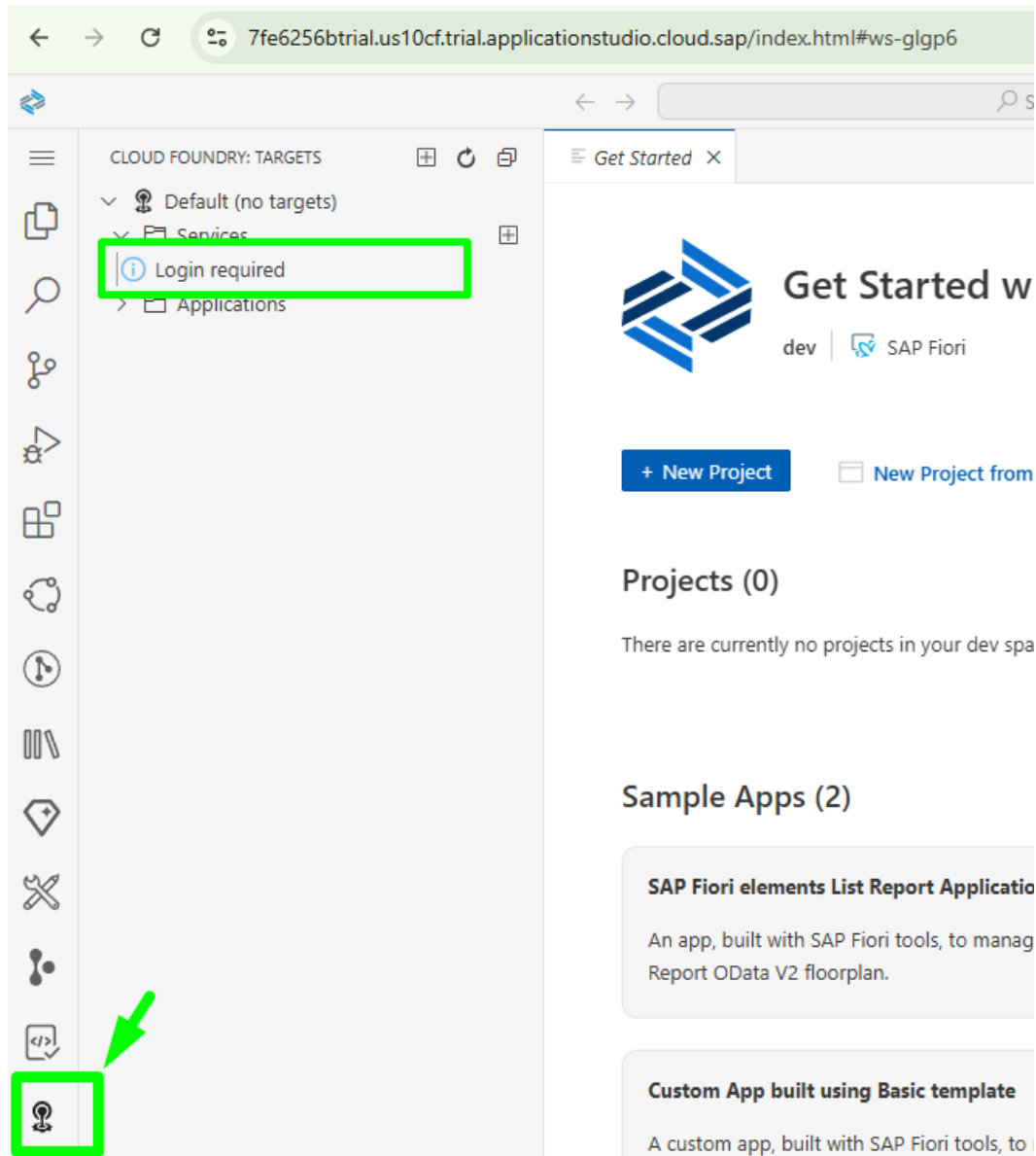
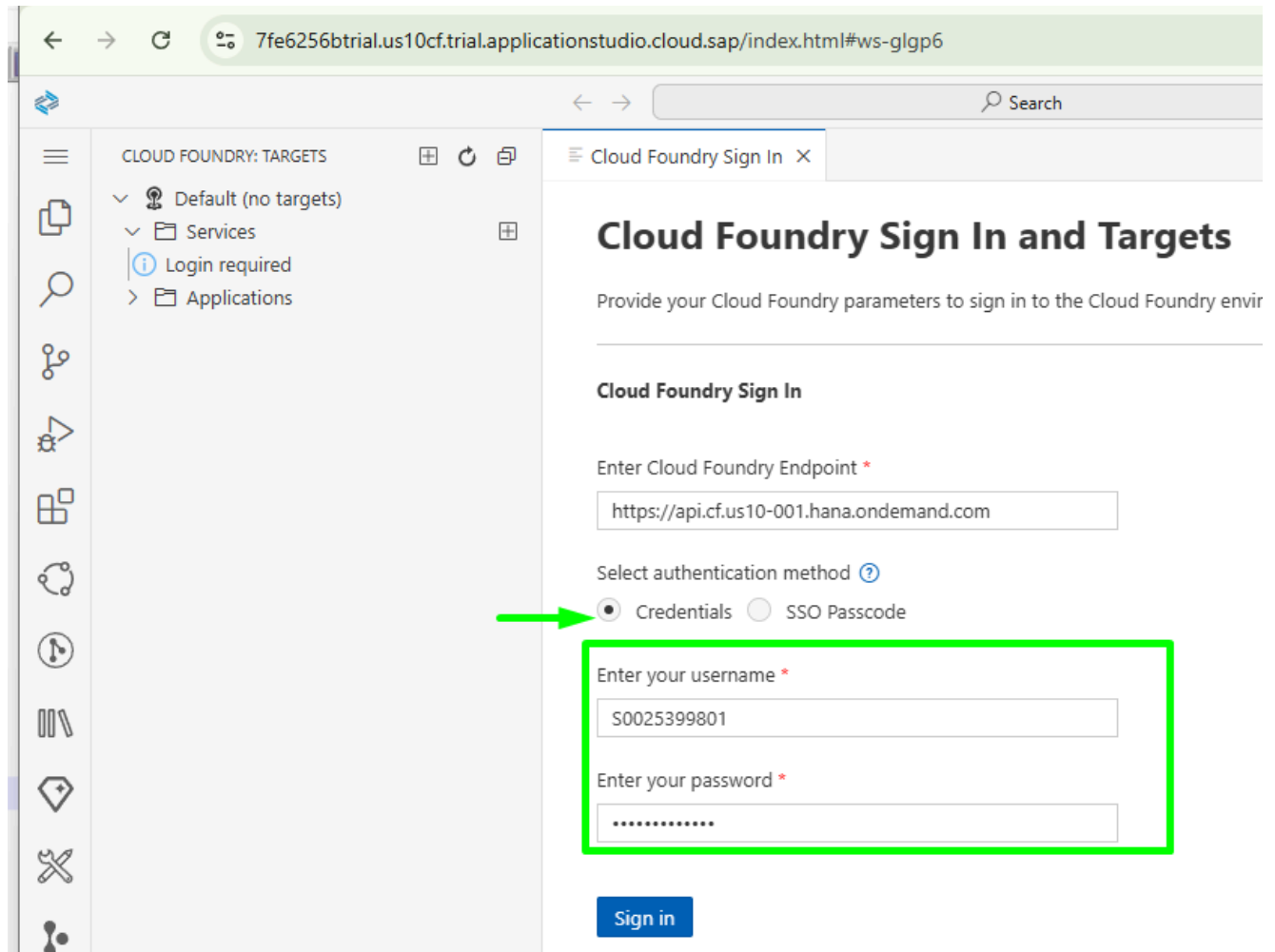


Creación de la primera app (Hola Mundo)

Previo a este ejercicio se debió [crear en el Destination](#) en el Space generado en su cuenta SAP BTP Trial:

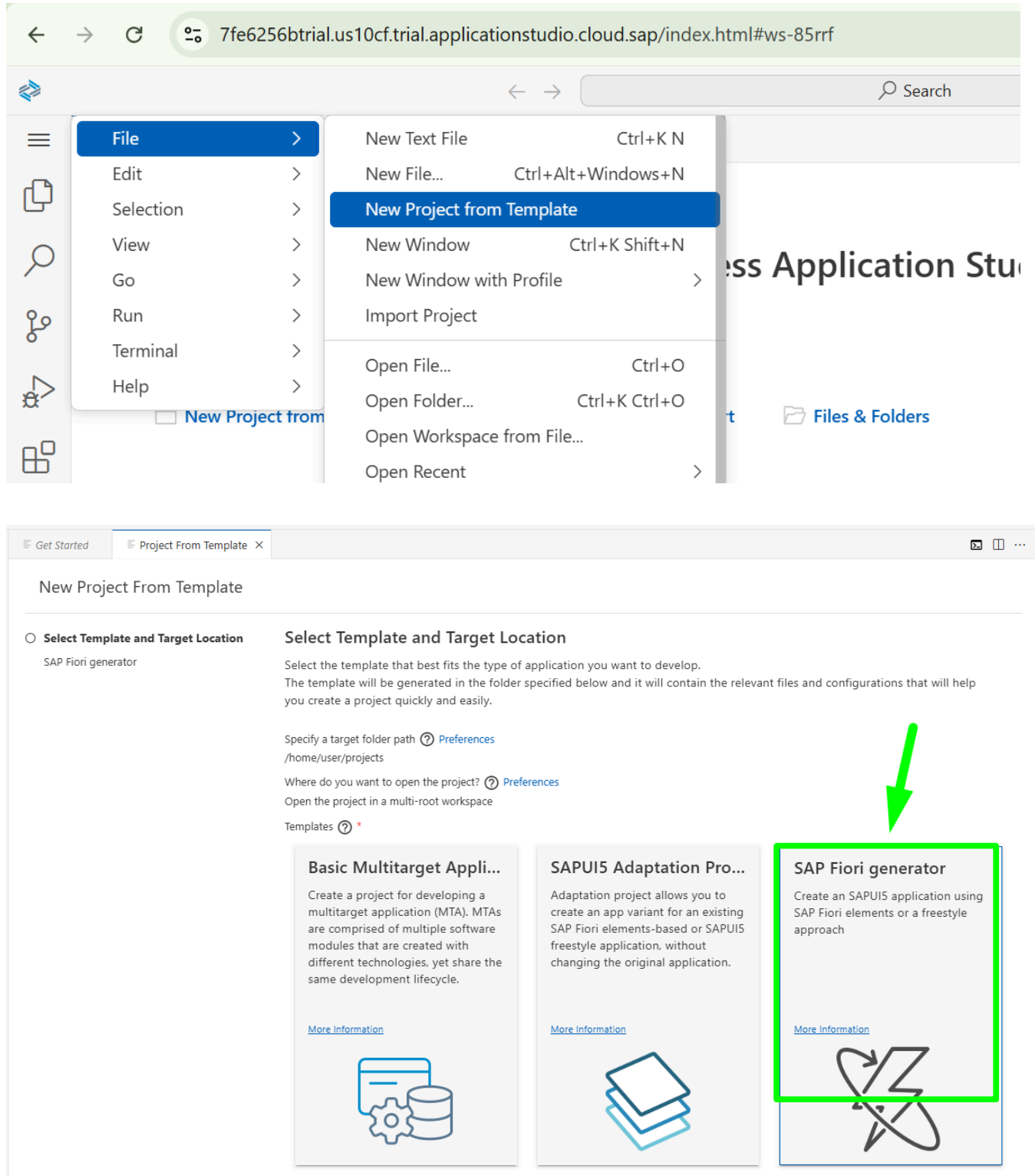


Datos Login:



Luego selecciona la Subcuenta y el Space, que para nuestro caso es **dev**.

Ahora creamos nuestra primera App:



The screenshot shows the SAP Fiori Application Studio web interface. The browser address bar displays the URL: `7fe6256btrial.us10cf.trial.applicationstudio.cloud.sap/index.html#ws-85rrf`. The 'File' menu is open, showing options like 'New Text File', 'New File...', 'New Project from Template' (highlighted), 'New Window', 'New Window with Profile', 'Import Project', 'Open File...', 'Open Folder...', 'Open Workspace from File...', and 'Open Recent'. The 'New Project from Template' dialog is displayed, showing the 'Select Template and Target Location' section. The 'SAP Fiori generator' template is selected and highlighted with a green box and a green arrow. The dialog also shows the 'Basic Multitarget Appli...' and 'SAPUI5 Adaptation Pro...' templates.

File

- New Text File Ctrl+K N
- New File... Ctrl+Alt+Windows+N
- New Project from Template**
- New Window Ctrl+K Shift+N
- New Window with Profile >
- Import Project
- Open File... Ctrl+O
- Open Folder... Ctrl+K Ctrl+O
- Open Workspace from File...
- Open Recent >

New Project from Template

Select Template and Target Location

Select the template that best fits the type of application you want to develop. The template will be generated in the folder specified below and it will contain the relevant files and configurations that will help you create a project quickly and easily.

Specify a target folder path [? Preferences](#)
/home/user/projects


Where do you want to open the project? [? Preferences](#)
Open the project in a multi-root workspace

Templates [?](#) *

Basic Multitarget Appli...

Create a project for developing a multitarget application (MTA). MTAs are comprised of multiple software modules that are created with different technologies, yet share the same development lifecycle.


[More Information](#)



SAPUI5 Adaptation Pro...

Adaptation project allows you to create an app variant for an existing SAP Fiori elements-based or SAPUI5 freestyle application, without changing the original application.

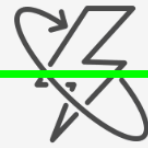
[More Information](#)



SAP Fiori generator

Create an SAPUI5 application using SAP Fiori elements or a freestyle approach

[More Information](#)



SAP Fiori generator

Select Template and Target Location

SAP Fiori generator

Template Selection

Template: Basic

Data Source and Service Selection

Entity Selection

Project Attributes

Template Selection

Choose your application template.

Which template do you want to use? *

Basic

Create a freestyle application, starting with an empty page.

[More Information](#)

Custom Page

Create an SAP Fiori elements application containing a custom page based on the flexible programming model.

[More Information](#)

List Report Page

Create an SAP Fiori elements application containing a list and an object page.

[More Information](#)

CLOUD FOUNDRY: TARGETS

Default (no targets)

Services

Applications

Project From Template X

SAP Fiori generator

Select Template and Target Location

SAP Fiori generator

Template Selection

Template: Basic

Data Source and Service Selection

Data Source: Connect to a System

System: Northwind

Service Path: /northwind/northwind.svc/

[More...](#)

Entity Selection

Project Attributes

Data Source and Service Selection

Configure the data source and select a service.

Data source *

Connect to a System

System ? *

Northwind

Service path ? *

/northwind/northwind.svc/

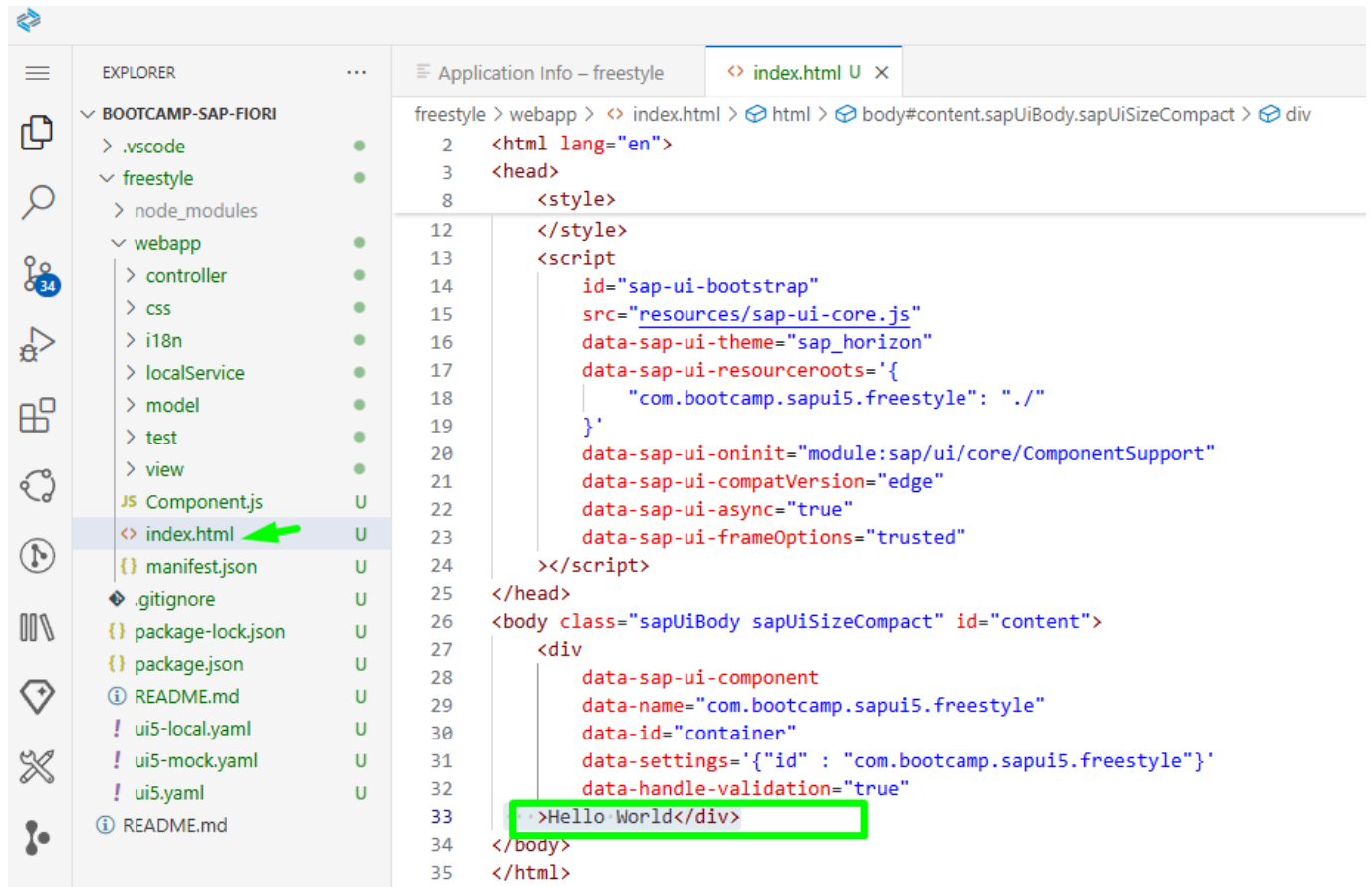
Service *

https://services.odata.org/northwind/northwind....

The screenshot shows the SAP Fiori generator interface. On the left is an 'EXPLORER' sidebar with a 'PROJECTS' section. The main area is titled 'SAP Fiori generator' and shows the 'Entity Selection' step. The 'View name' field is highlighted with a green box and contains the text 'Home'. Below this, the 'Data Source and Service Selection' step is visible, showing 'Data Source: Connect to a System', 'System: Northwind', and 'Service Path: /northwind/northwind.svc/'.

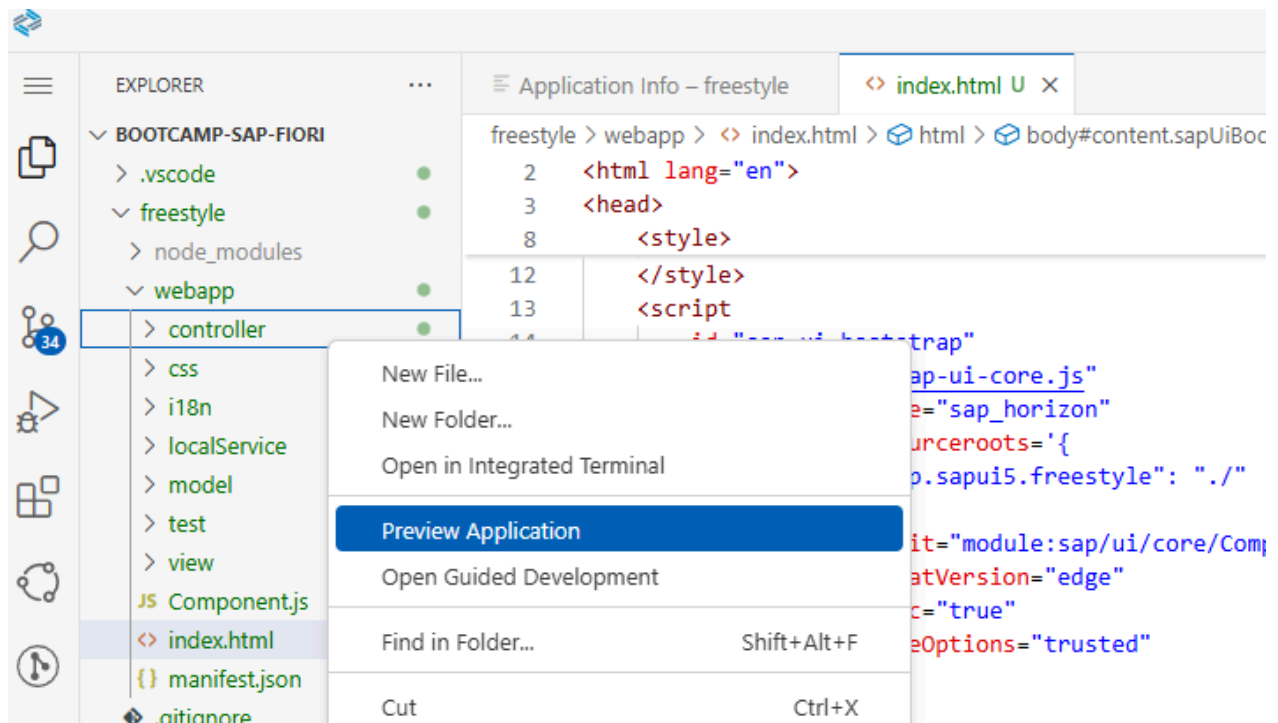
The screenshot shows the SAP Fiori generator interface. On the left is an 'EXPLORER' sidebar with a 'PROJECTS' section. The main area is titled 'SAP Fiori generator' and shows the 'Project Attributes' step. The 'Module name' field contains 'freestyle', 'Application title' contains 'Freestyle SAPUI5', 'Application namespace' contains 'com.bootcamp.sapui5', 'Description' contains 'An SAP Fiori application.', 'Project folder path' contains '/home/user/projects/Bootcamp-SAP-FIORI', and 'Minimum SAPUI5 version' is set to '1.132.1'.

Ahora agregamos “Hola Mundo” en el archivo Index.html



```

2  <html lang="en">
3  <head>
8    <style>
12  </style>
13  <script>
14    id="sap-ui-bootstrap"
15    src="resources/sap-ui-core.js"
16    data-sap-ui-theme="sap_horizon"
17    data-sap-ui-resourceroots='{
18      "com.bootcamp.sapui5.freestyle": "."
19    }'
20    data-sap-ui-oninit="module:sap/ui/core/ComponentSupport"
21    data-sap-ui-compatVersion="edge"
22    data-sap-ui-async="true"
23    data-sap-ui-frameOptions="trusted"
24  </script>
25 </head>
26 <body class="sapUiBody sapUiSizeCompact" id="content">
27   <div>
28     data-sap-ui-component
29     data-name="com.bootcamp.sapui5.freestyle"
30     data-id="container"
31     data-settings='{ "id" : "com.bootcamp.sapui5.freestyle" }'
32     data-handle-validation="true"
33     >Hello World</div>
34 </body>
35 </html>
  
```

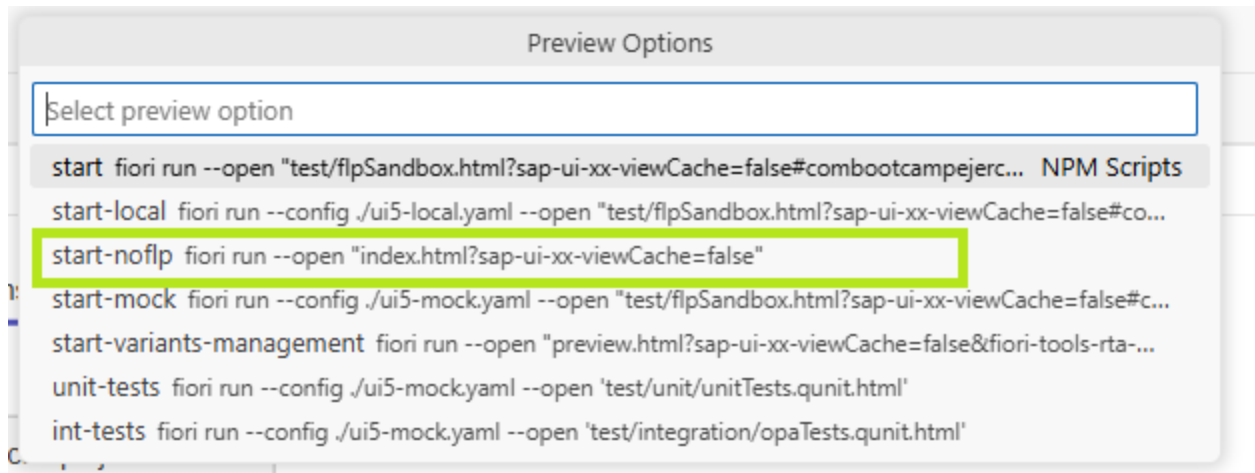


```

freestyle > webapp > < index.html > html > body#content.sapUiBoc
2  <html lang="en">
3  <head>
8    <style>
12  </style>
13  <script>
14    id="sap-ui-bootstrap"
15    src="resources/sap-ui-core.js"
16    data-sap-ui-theme="sap_horizon"
17    data-sap-ui-resourceroots='{
18      "com.bootcamp.sapui5.freestyle": "."
19    }'
20    data-sap-ui-oninit="module:sap/ui/core/Com
21    data-sap-ui-compatVersion="edge"
22    data-sap-ui-async="true"
23    data-sap-ui-frameOptions="trusted"
  
```

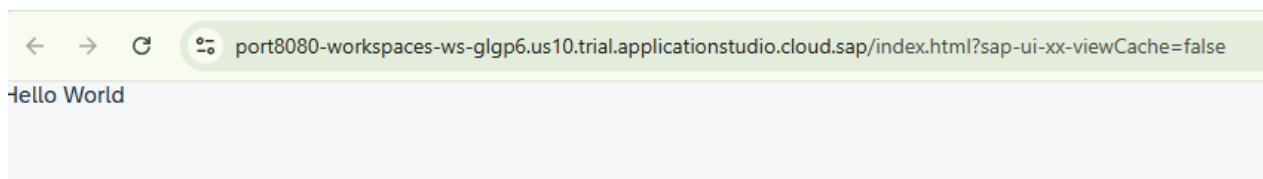
Context Menu Options:

- New File...
- New Folder...
- Open in Integrated Terminal
- Preview Application**
- Open Guided Development
- Find in Folder... Shift+Alt+F
- Cut Ctrl+X



Start-noflp

Esto inicia la aplicación a través de la página HTML index.html. La aplicación no está incrustada en un sandbox de SAP Fiori launchpad.



Agregar App a Repo Público Github

Como requisito debemos tener una cuenta creada en [Github](#) y un Repositorio público donde deben ir actualizando el avance de cada una de las Actividades:

Para nuestro caso utilizaremos el repositorio del bootcamp donde iremos actualizando el avance de cada una de las sesiones.

Para iniciar el repo en BAS nos ubicamos en la raíz del proyecto en la línea de comandos y seguimos las instrucciones que github nos plantea al crear el repo:

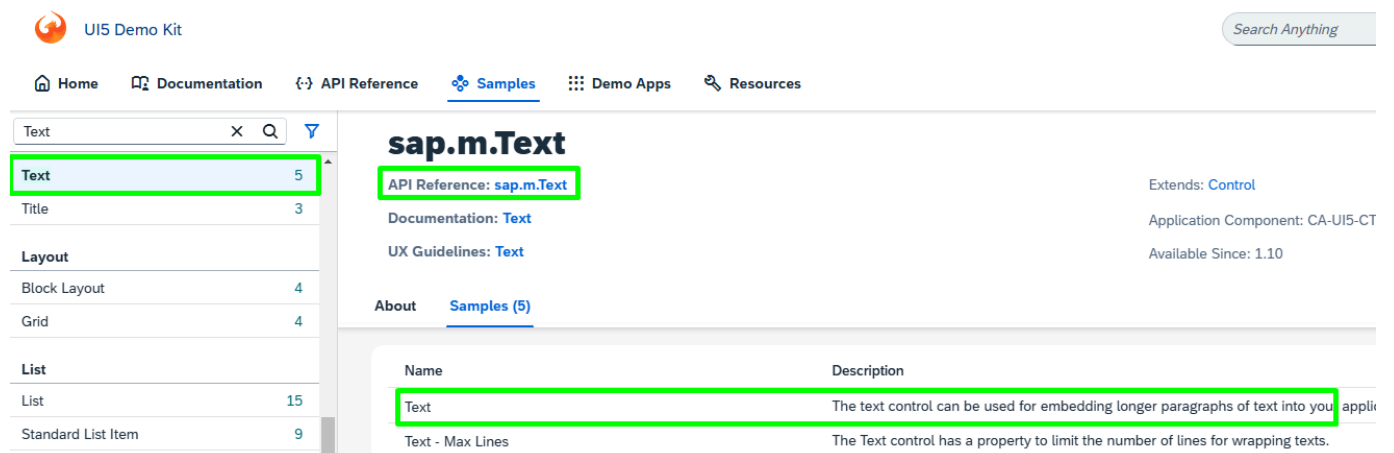
```
JavaScript
echo "# Bootcamp-SAP-FIORI-P" >> README.md
```

```
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/jegiraldog/Bootcamp-SAP-FIORI-P.git
git push -u origin main
```

Añadir elementos de texto a la vista. Binding I18n.

Ahora Vamos a la Vista Home y agregamos un control [Text](#)

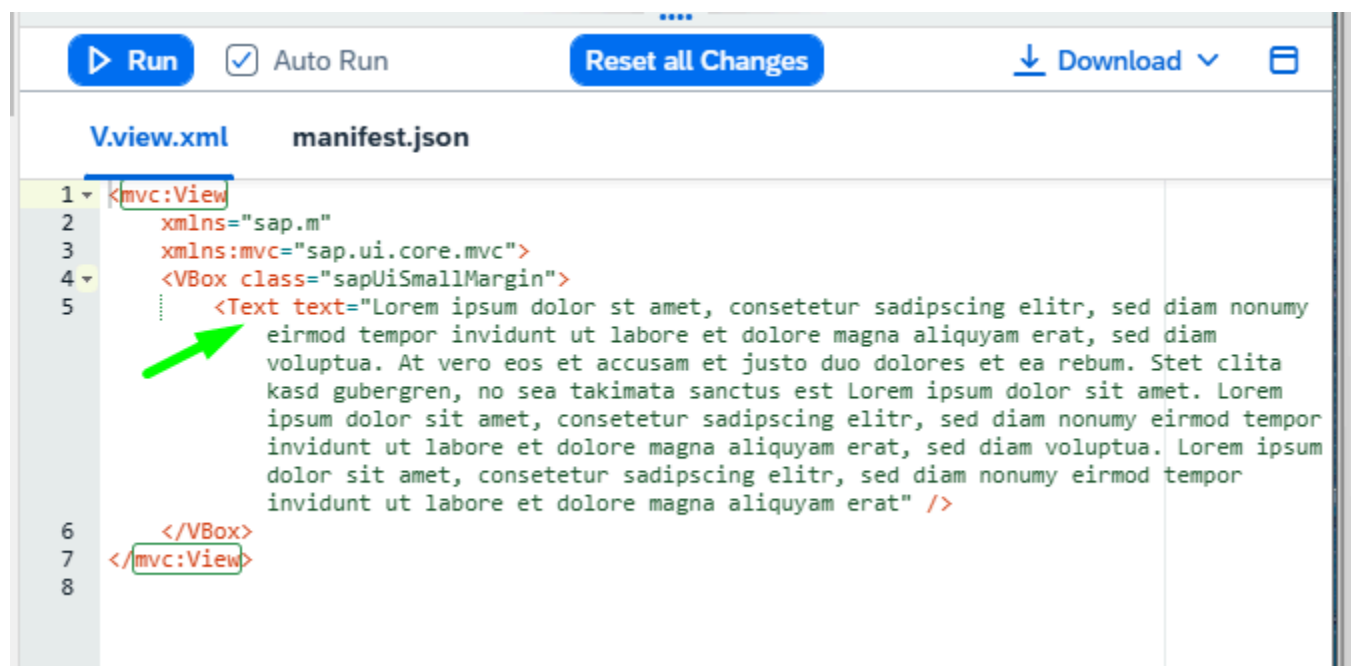
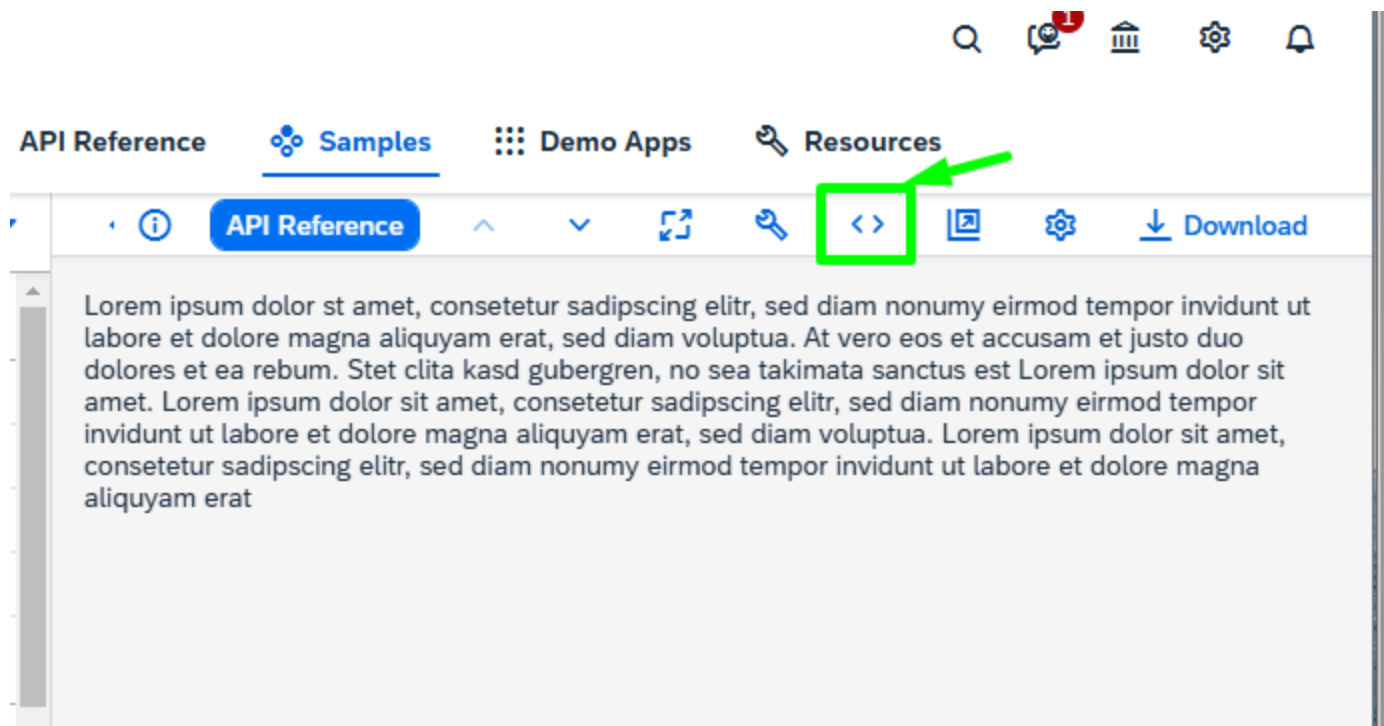
API Reference: [sap.m.Text](#)



The screenshot shows the SAP UI5 Demo Kit interface. On the left, a sidebar lists various controls under categories like Text, Layout, and List. The 'Text' control is selected and highlighted with a green box. The main content area displays the 'sap.m.Text' control documentation. It includes the API Reference ([sap.m.Text](#)), Documentation ([Text](#)), and UX Guidelines ([Text](#)). Below this, there are tabs for 'About' and 'Samples (5)'. The 'Samples' tab is active, showing a table with two columns: 'Name' and 'Description'. The first row is 'Text', which is highlighted with a green box, and its description is 'The text control can be used for embedding longer paragraphs of text into your application'. The second row is 'Text - Max Lines', with the description 'The Text control has a property to limit the number of lines for wrapping texts.'

Name	Description
Text	The text control can be used for embedding longer paragraphs of text into your application.
Text - Max Lines	The Text control has a property to limit the number of lines for wrapping texts.

Navegamos al primer ejemplo y visualizamos su implementación así:



Ahora agregamos un control Text a nuestro proyecto en la vista Home:

```
<Text id="textPrueba" text="Control Text de Prueba"></Text>
```

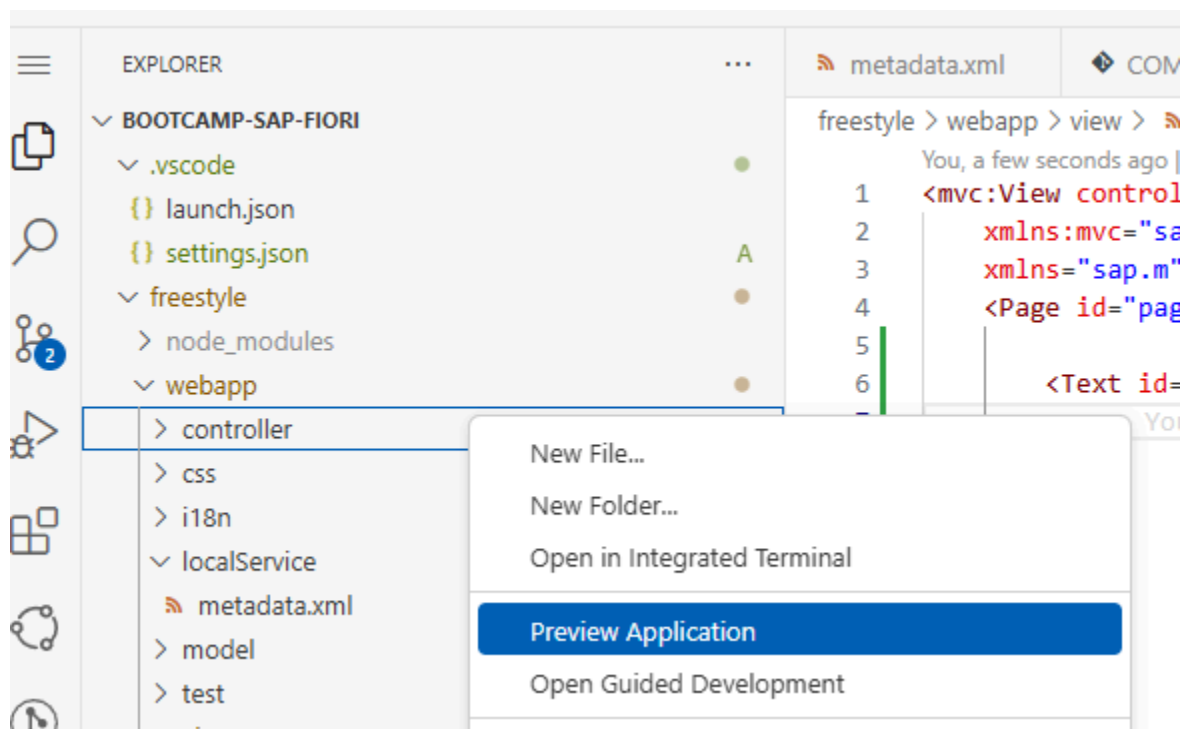


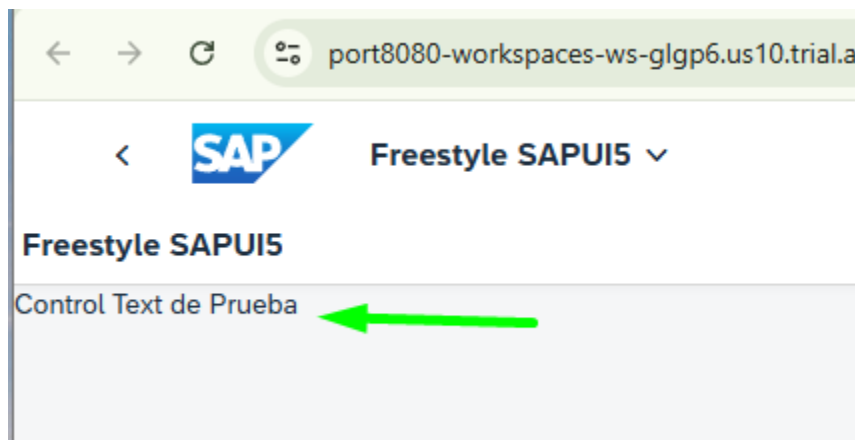
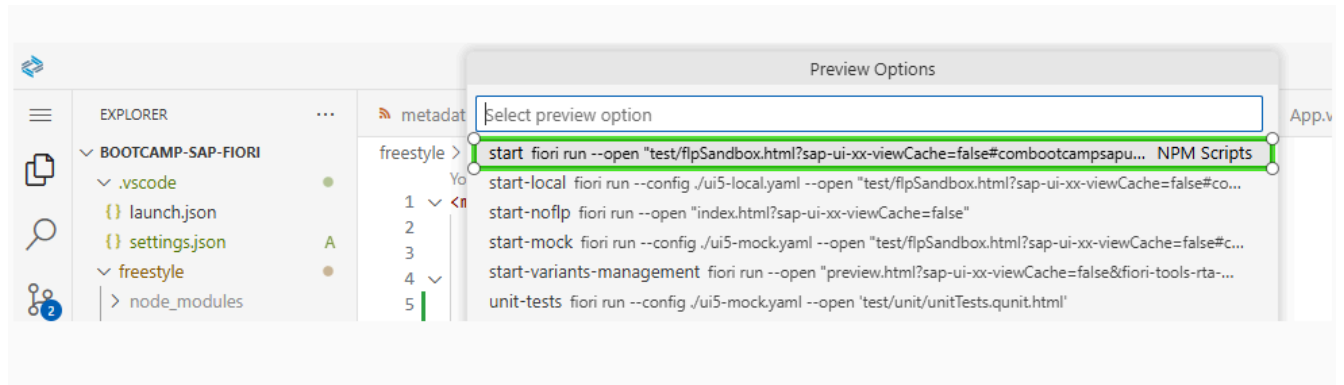
The screenshot shows the SAP Fiori Freestyle editor interface. The top bar contains tabs for 'metadata.xml', 'COMMIT_EDITMSG', 'Storyboard - freestyle', 'Home.view.xml M X', and 'App.view.xml'. The 'Home.view.xml' tab is active, and a green arrow points to it. The editor displays the following XML code:

```
freestyle > webapp > view > Home.view.xml
You, a few seconds ago | 1 author (You)
1 <mvc:View controllerName="com.bootcamp.sapui5.freestyle.controller.Home"
2   xmlns:mvc="sap.ui.core.mvc"
3   xmlns="sap.m">
4   <Page id="page" title="{i18n>title}">
5
6   <Text id="textPrueba" text="Control Text de Prueba"></Text>
7
8   </Page>
9 </mvc:View>
```

A green rectangular box highlights the line: `<Text id="textPrueba" text="Control Text de Prueba"></Text>`.

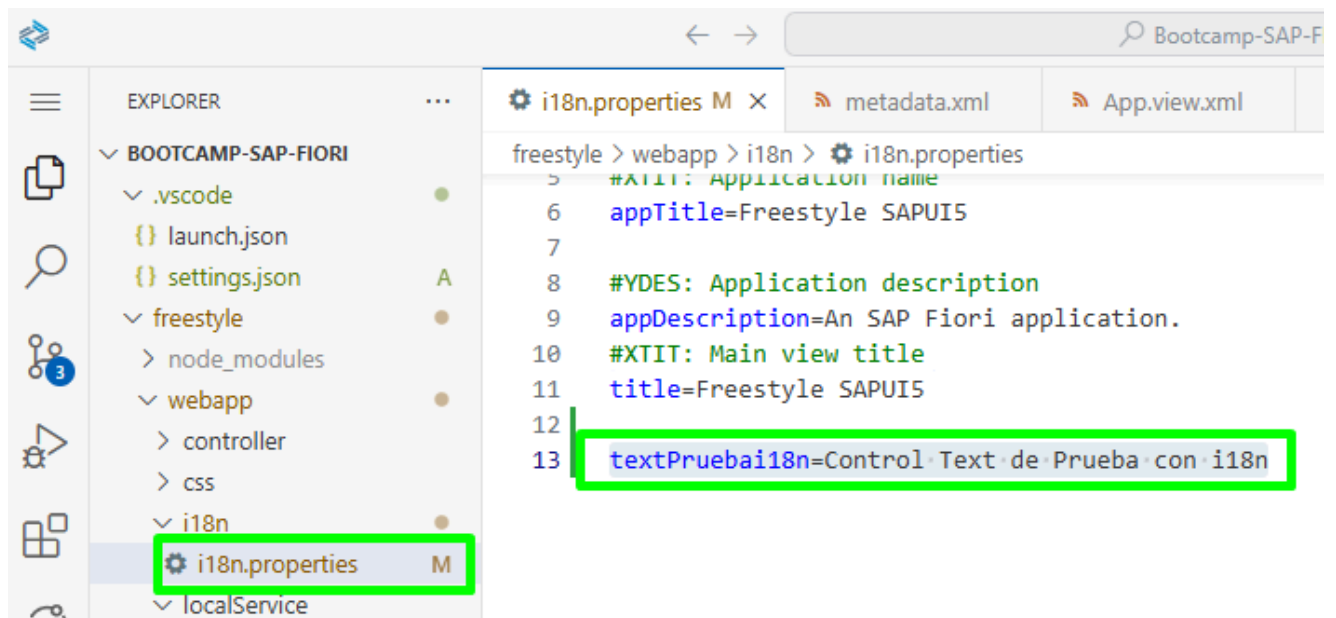
Ejecutamos la App:



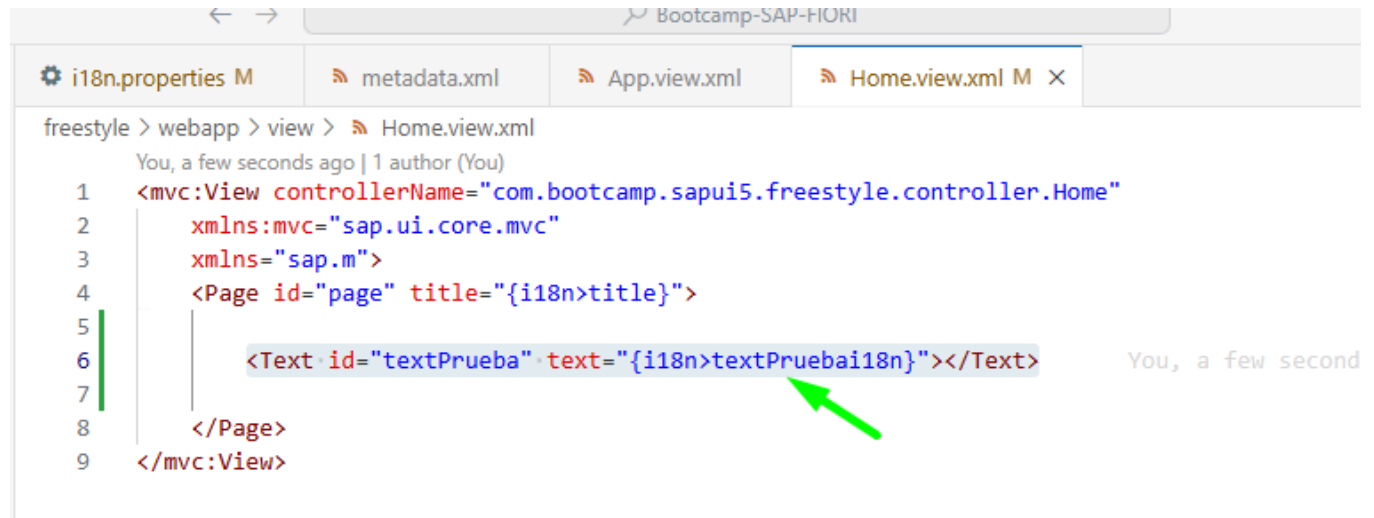


Ahora vamos a agregar el texto ***“Control Text de Prueba”*** en el archivo i18n

`textPruebai18n=Control Text de Prueba con i18n`

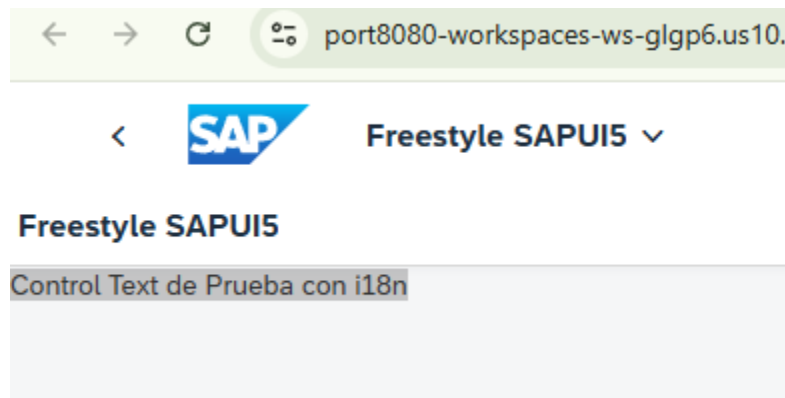


```
<Text id="textPrueba" text="{i18n>textPruebai18n}"></Text>
```



```
freestyle > webapp > view > Home.view.xml
You, a few seconds ago | 1 author (You)
1 <mvc:View controllerName="com.bootcamp.sapui5.freestyle.controller.Home"
2   xmlns:mvc="sap.ui.core.mvc"
3   xmlns="sap.m">
4   <Page id="page" title="{i18n>title}">
5   |
6   |   <Text id="textPrueba" text="{i18n>textPruebai18n}"></Text>
7   |
8   </Page>
9 </mvc:View>
```

Si mantenemos la ejecución de la aplicación se podrán visualizar los cambios:



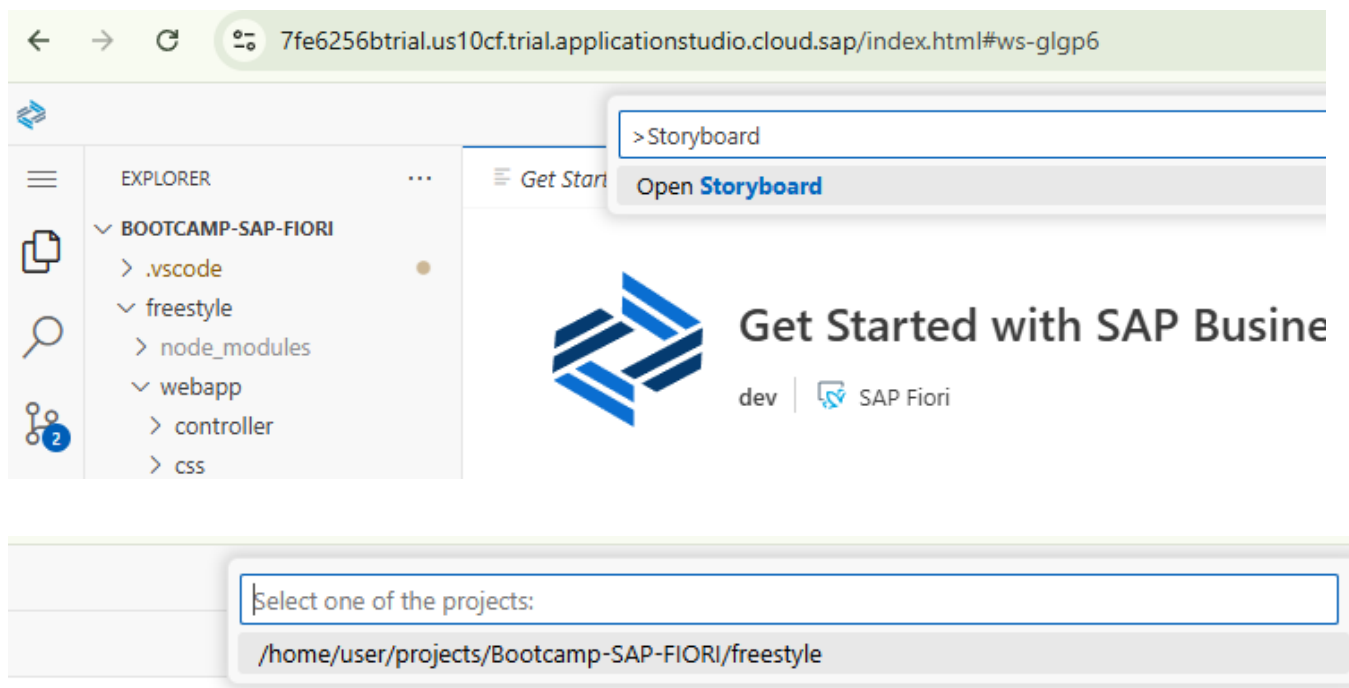
Interactuar con el Modelo del servicio Northwind:

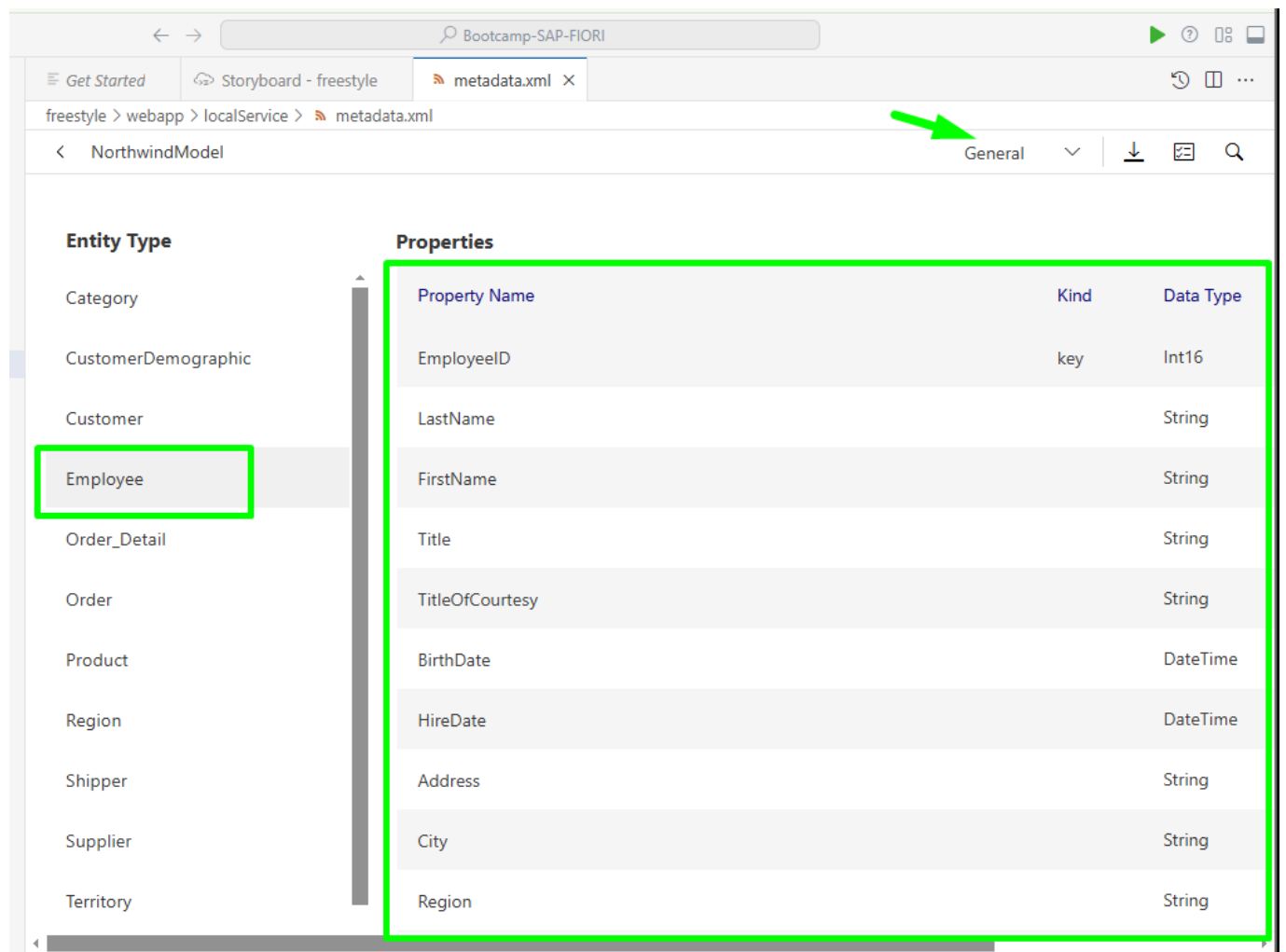
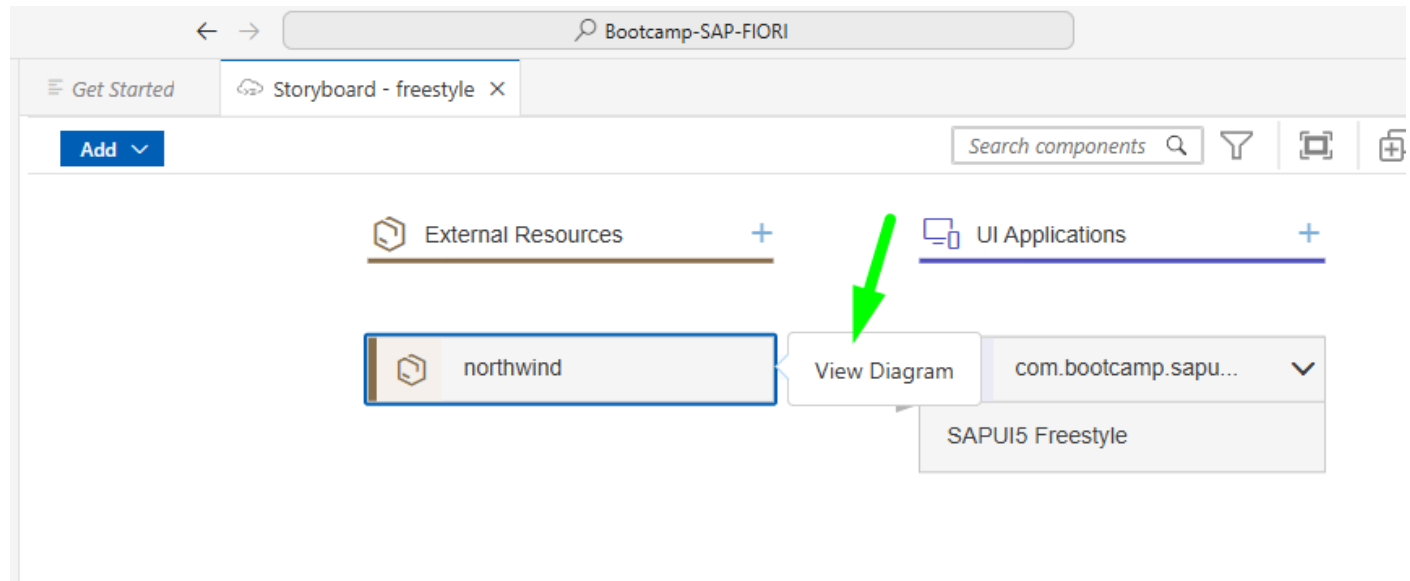
Storyboard

Working in the Storyboard

To open the storyboard:

1. Press **F1** to open the command palette.
2. Enter Storyboard.
3. Select **Open Storyboard**.
4. Select the project for which you want to open the storyboard.





Cambiamos la vista a Diagrama:

