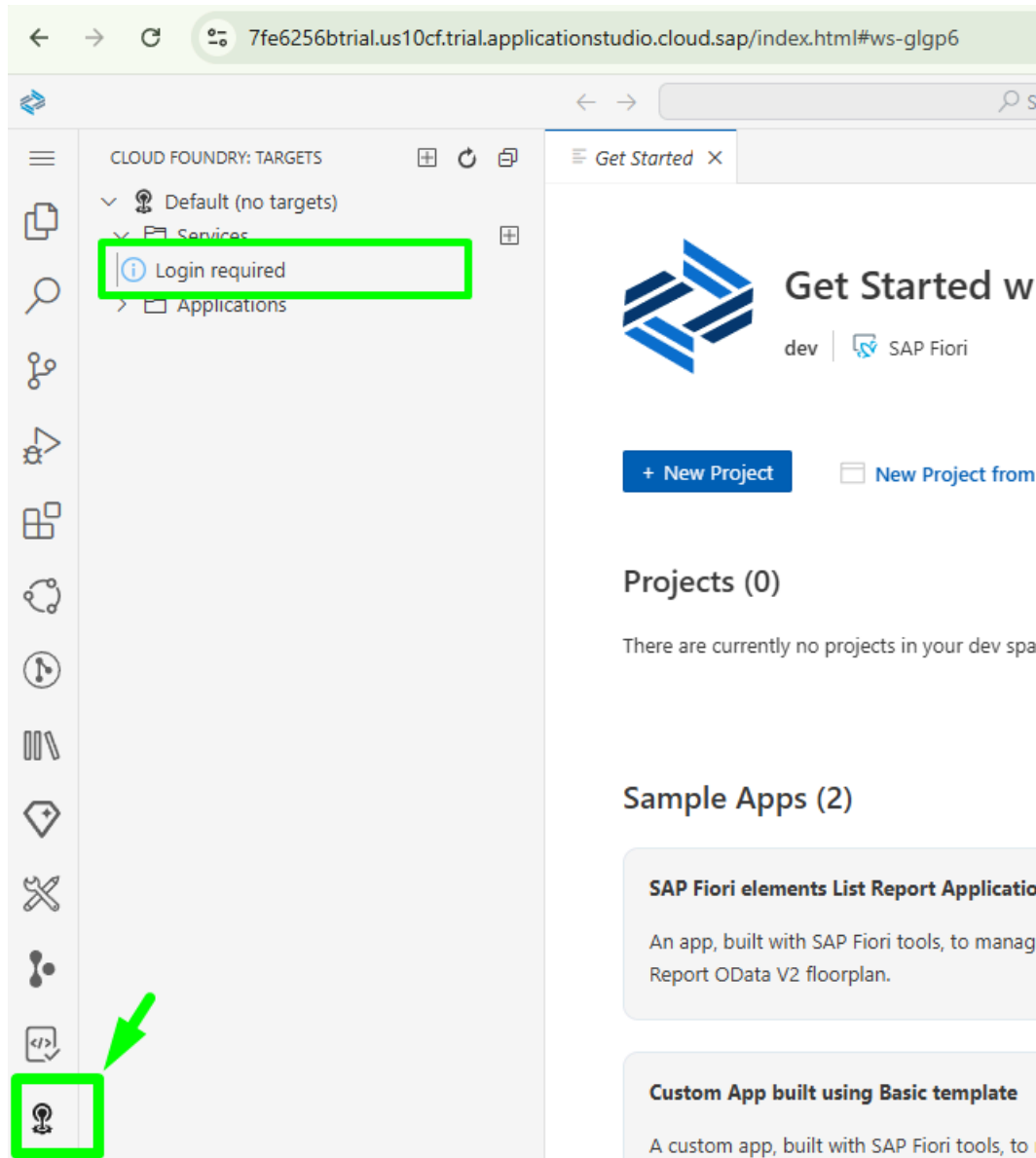
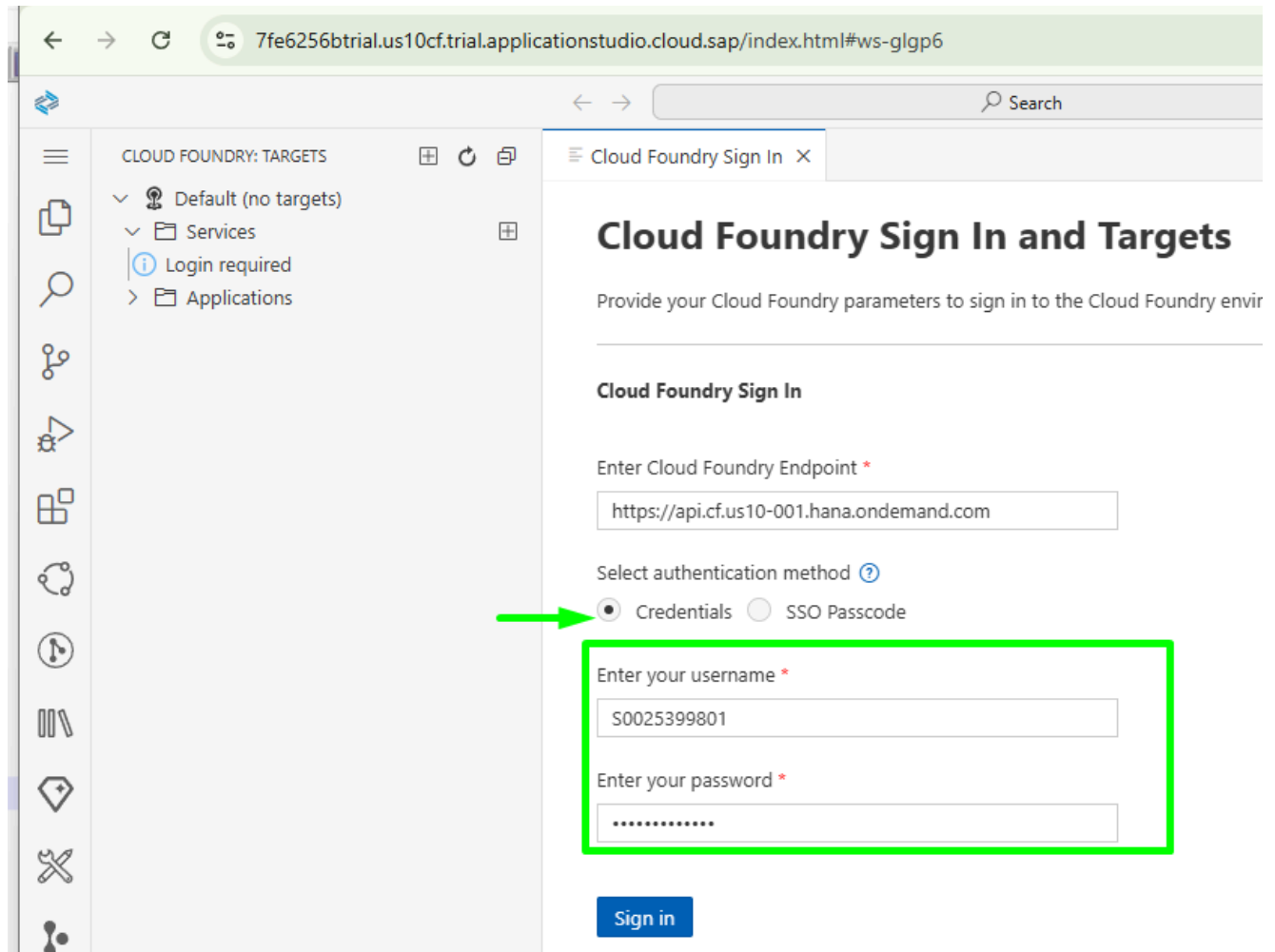


Creación de la primera app (Hola Mundo)

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

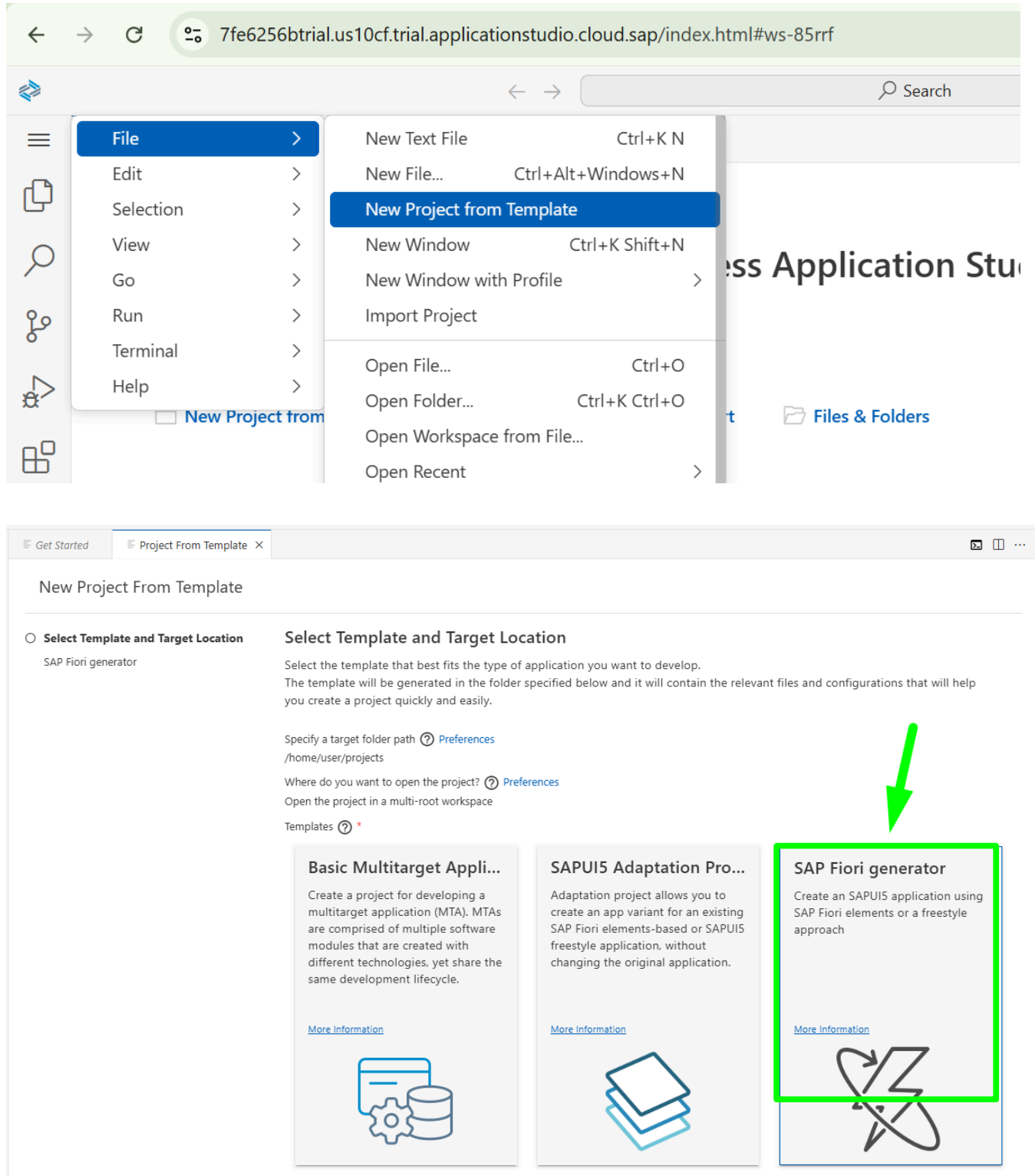


Datos Login:



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, titled 'New Project From Template'. It includes a 'Select Template and Target Location' section with fields for 'Specify a target folder path' (set to `/home/user/projects`), 'Where do you want to open the project?' (set to 'Open the project in a multi-root workspace'), and 'Templates'. Three templates are listed: 'Basic Multitarget Appli...', 'SAPUI5 Adaptation Pro...', and 'SAP Fiori generator'. The 'SAP Fiori generator' template is highlighted with a green box and a green arrow pointing to it. The description for 'SAP Fiori generator' is: 'Create an SAPUI5 application using SAP Fiori elements or a freestyle approach'. Each template has a 'More Information' link and an icon.

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 >

Get Started Project From Template X

New Project From Template

Select Template and Target Location

SAP Fiori generator

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.

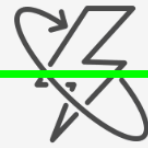
[More Information](#)



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

SAP Fiori generator

Select Template and Target Location

SAP Fiori generator

Template Selection

Template: Basic

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....

Entity Selection

Project Attributes

The screenshot shows the SAP Fiori generator interface. On the left is an 'EXPLORER' sidebar with icons for various project actions. The main area is titled 'SAP Fiori generator' and contains a list of steps: 'Select Template and Target Location', 'Template Selection', 'Data Source and Service Selection', 'Entity Selection', and 'Project Attributes'. The 'Entity Selection' step is currently active, showing 'View Name: Home'. A green box highlights the 'View name' input field.

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**
View Name: Home
- Project Attributes**

Entity Selection
Configure the selected service.

View name
Home

Project Attributes
Configure the main project attributes.

Module name *
freestyle

Application title
Freestyle SAPUI5

Application namespace
com.bootcamp.sapui5

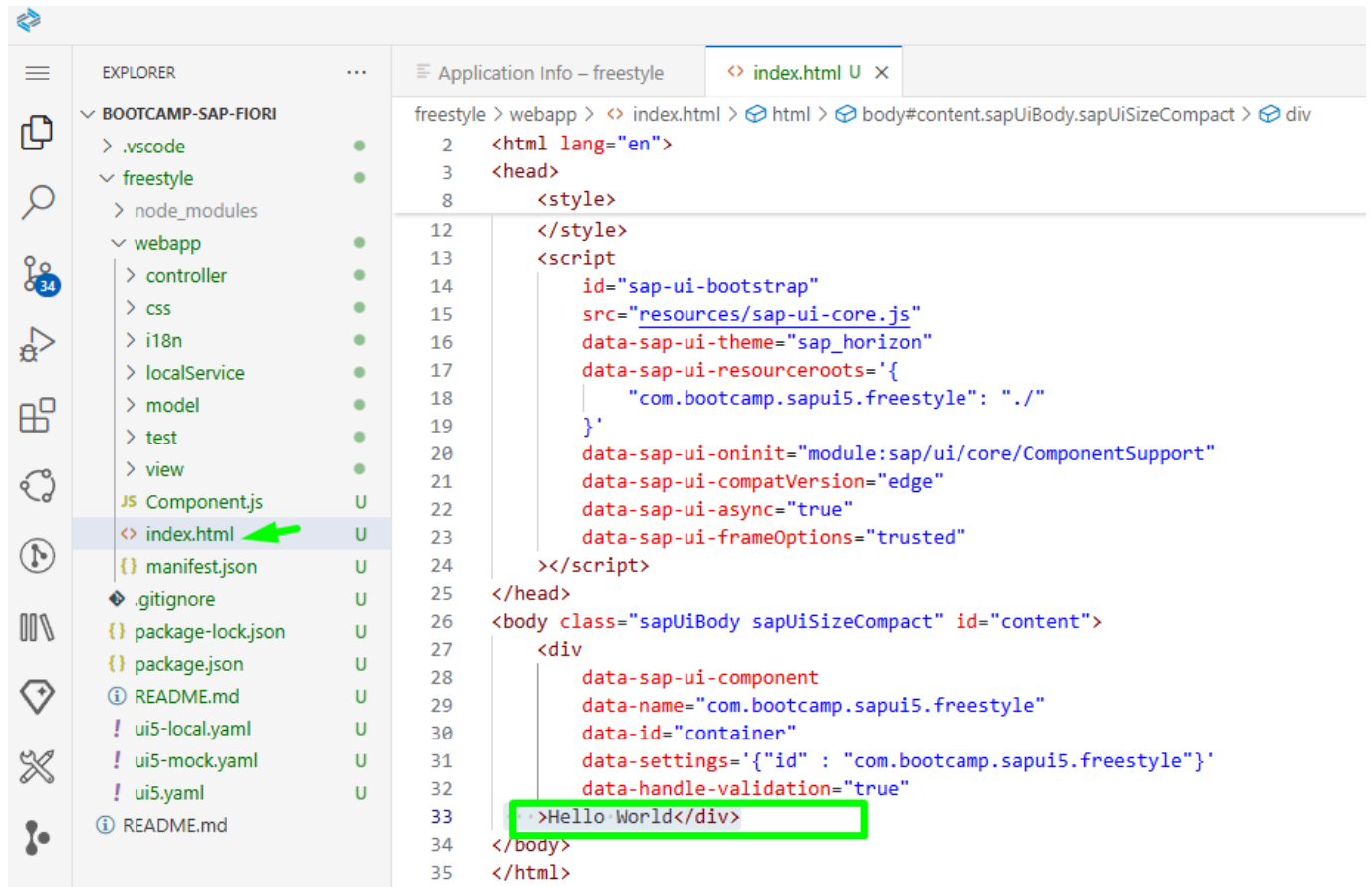
Description
An SAP Fiori application.

Project folder path *
/home/user/projects/Bootcamp-SAP-FIORI

Minimum SAPUI5 version *
1.132.1

Enable TypeScript

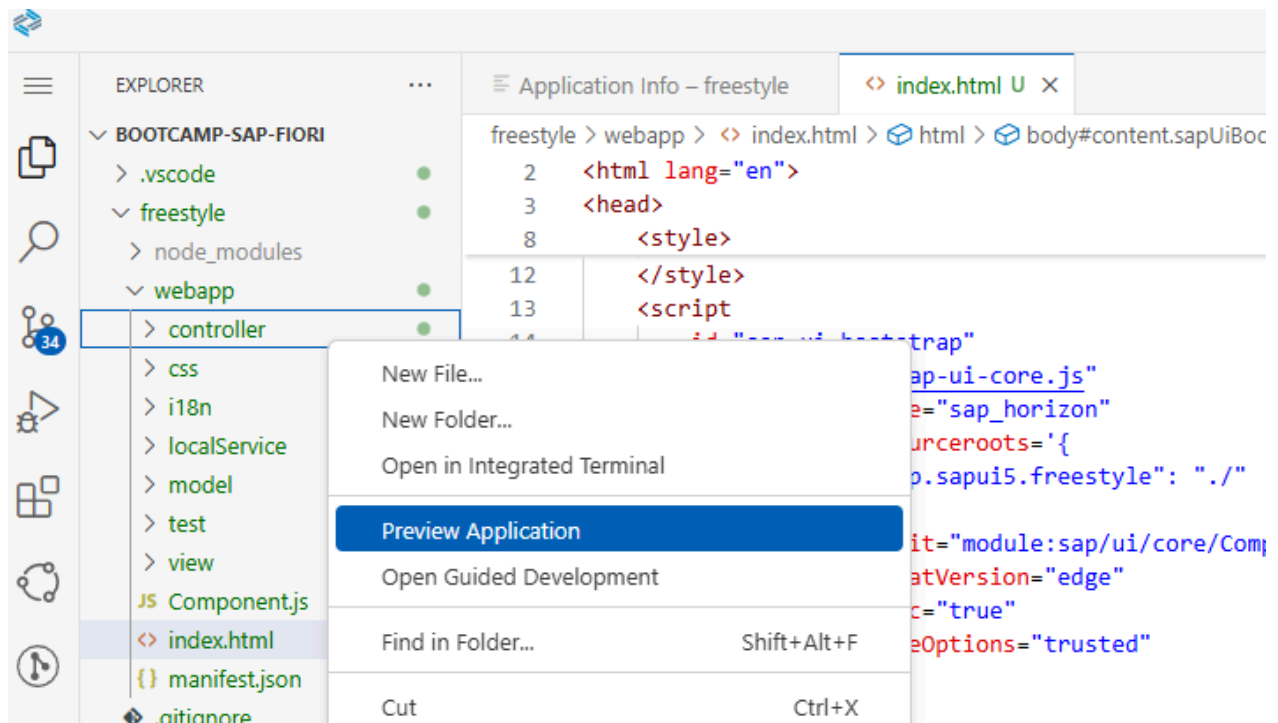
Ahora agregamos "Hola Mundo" en el archivo Index.html



```

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>

```



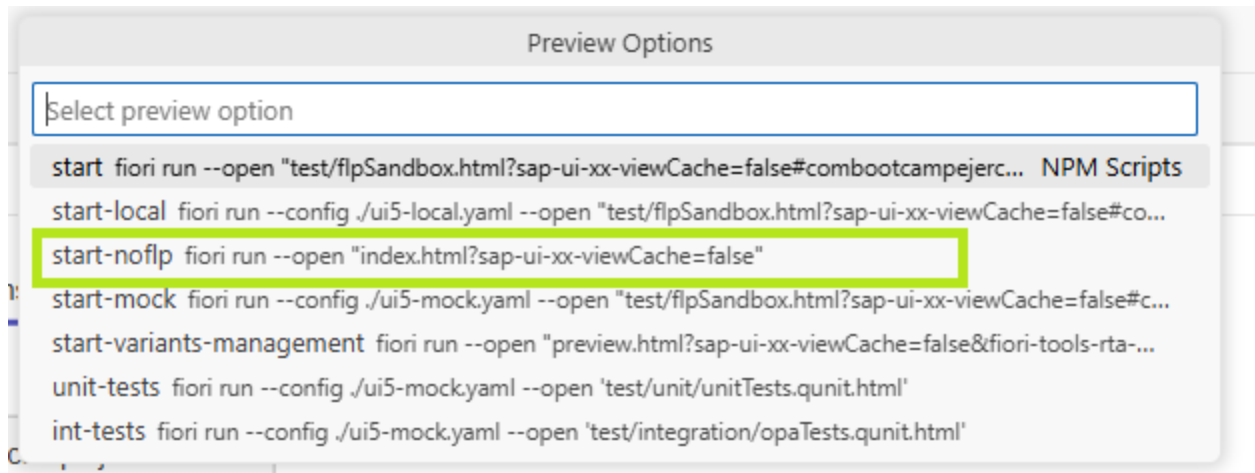
```

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"

```

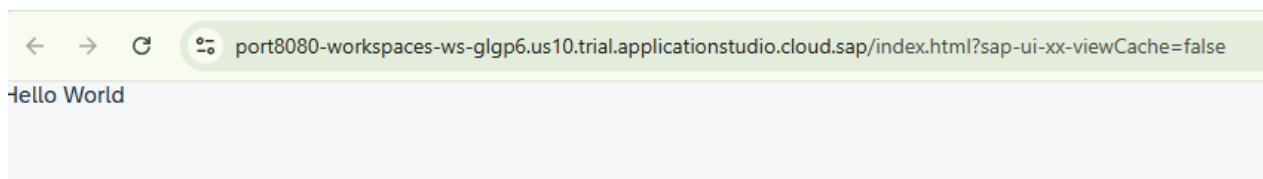
Context Menu Options:

- 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](https://github.com) y un Repositorio público donde deben ir actualizando el avance de cada una de las Actividades:

Para nuestro caso creamos el repo <https://github.com/jegiraldog/Bootcamp-SAP-FIORI-P> 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:

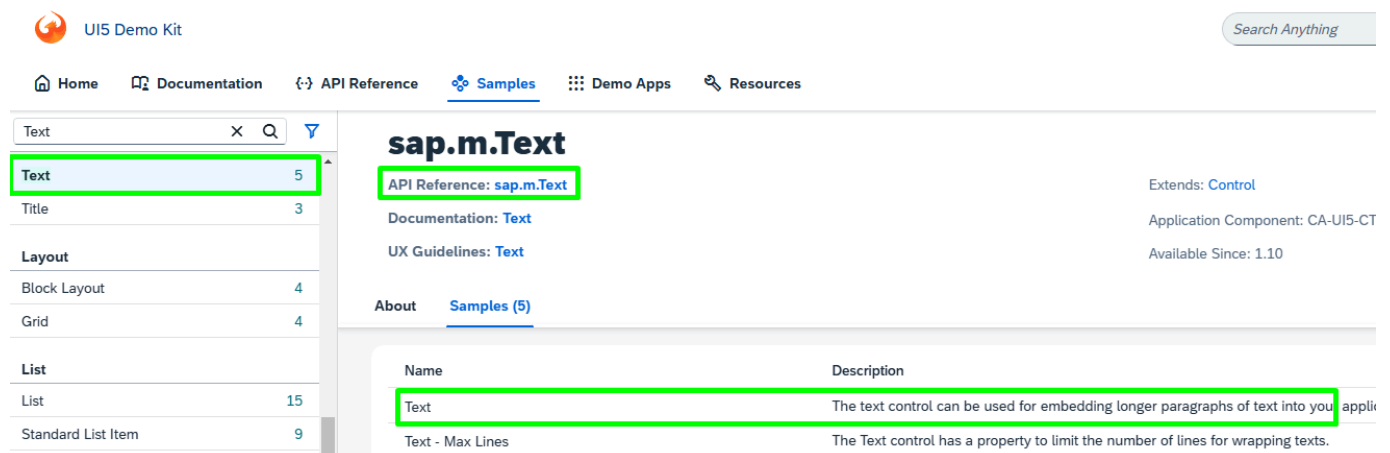
```
JavaScript
echo "# Bootcamp-SAP-FIORI-P" >> README.md
```

```
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](#)



UI5 Demo Kit

Search Anything

Home Documentation API Reference **Samples** Demo Apps Resources

Text

sap.m.Text

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

Documentation: [Text](#)

UX Guidelines: [Text](#)

Extends: [Control](#)

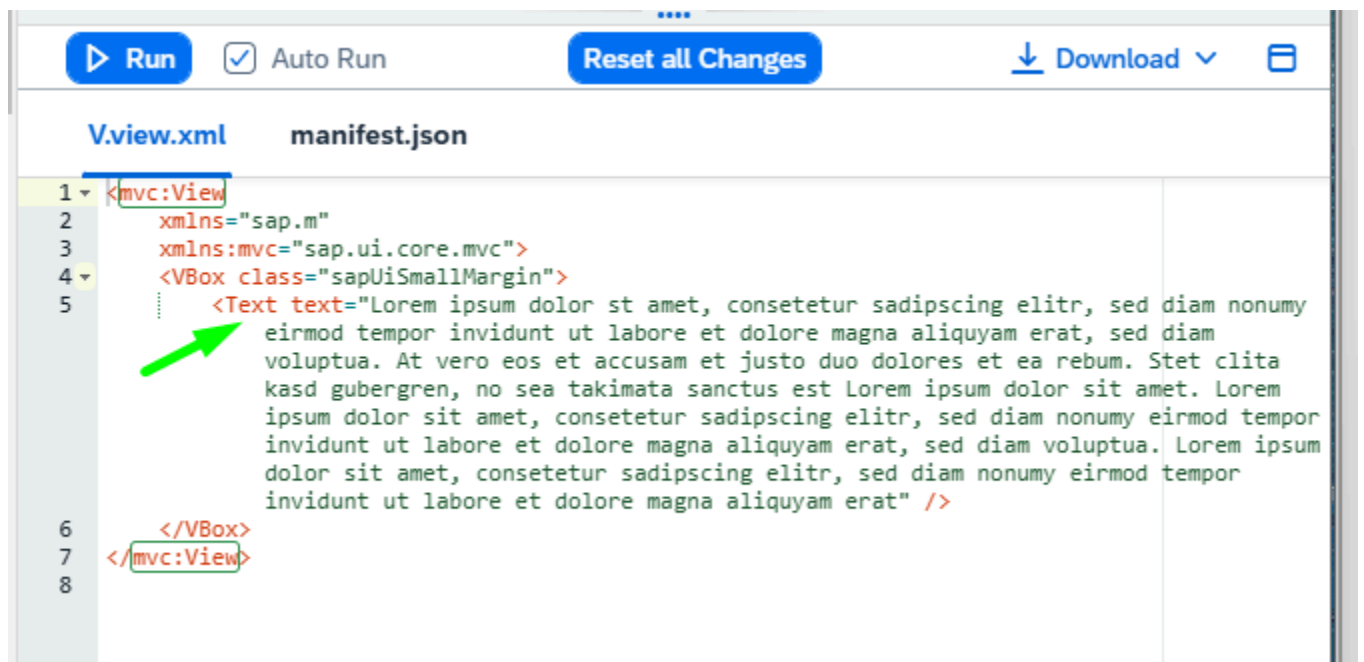
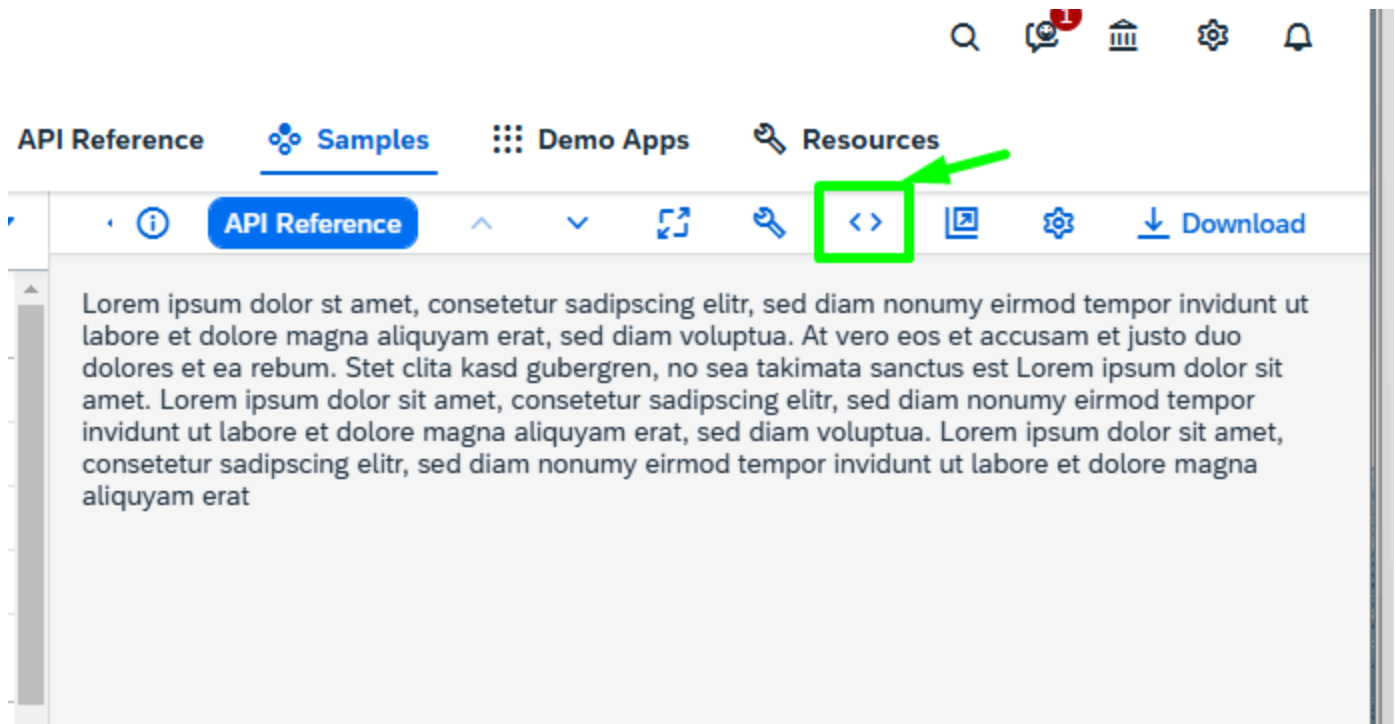
Application Component: CA-UI5-CT

Available Since: 1.10

About [Samples \(5\)](#)

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>
```

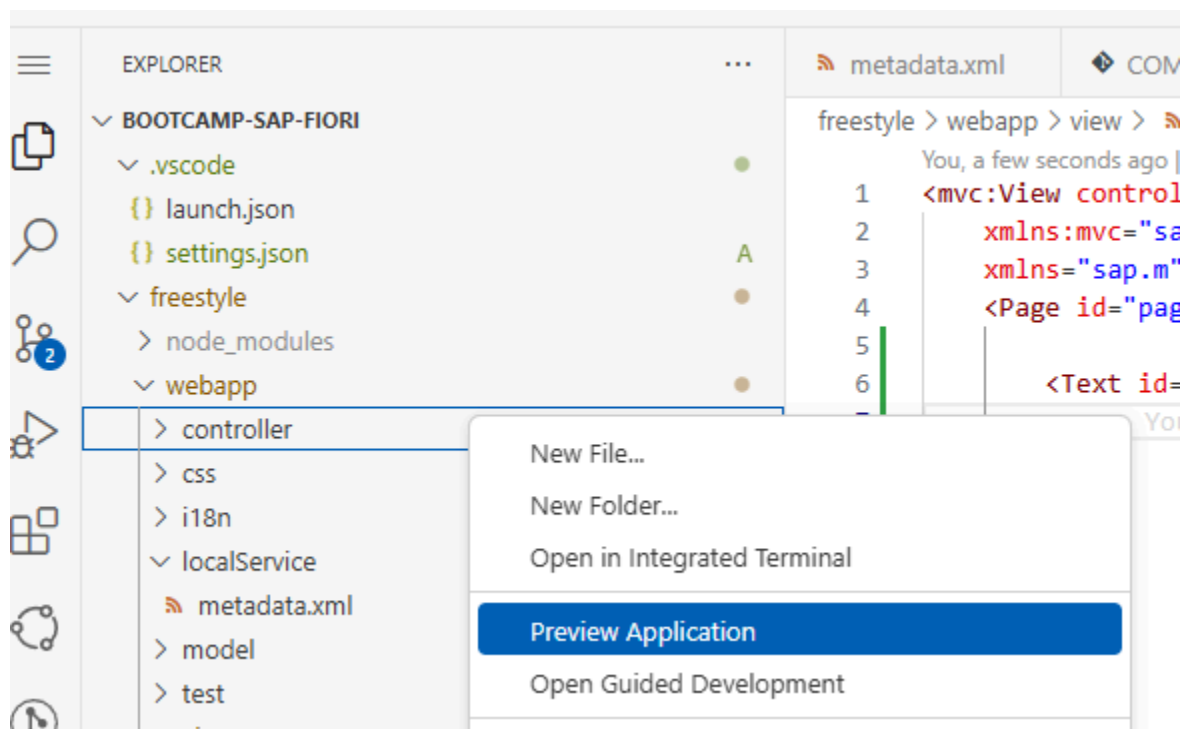


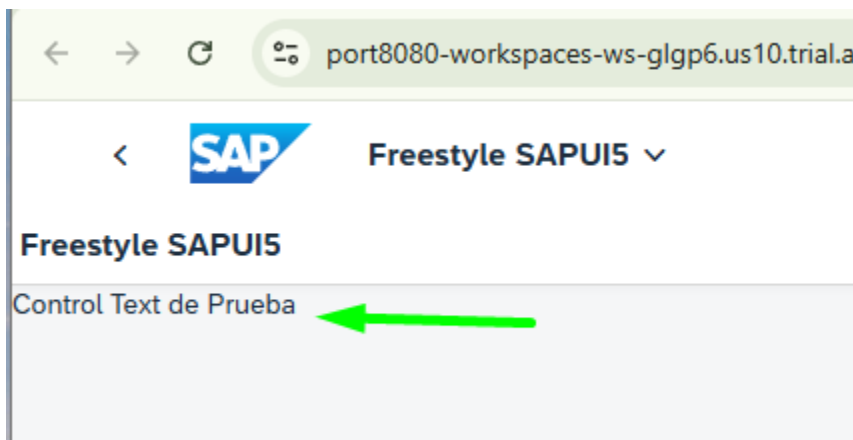
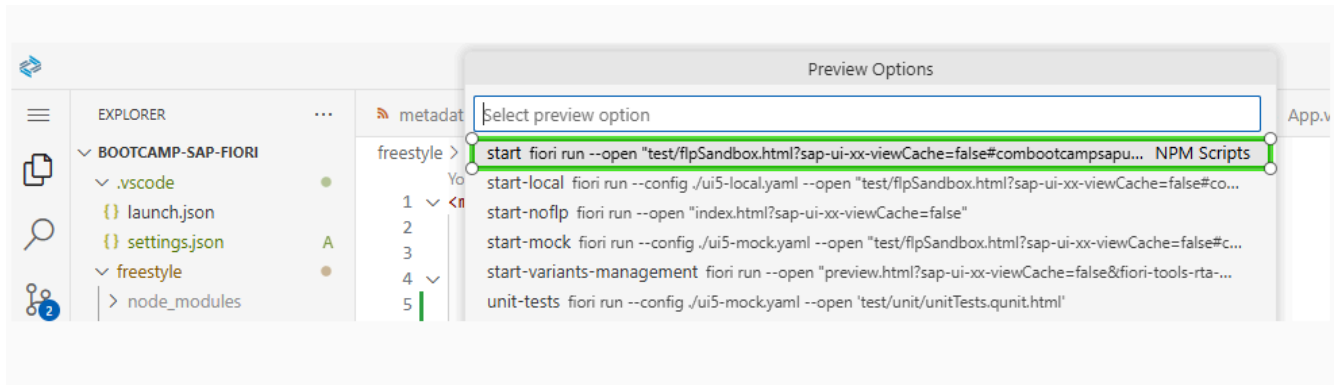
The screenshot shows the SAP Fiori Freestyle editor interface. The top bar displays several tabs: 'metadata.xml', 'COMMIT_EDITMSG', 'Storyboard - freestyle', 'Home.view.xml M X', and 'App.view.xml'. A green arrow points to the 'Home.view.xml' tab. The main editor area shows the XML code for 'Home.view.xml' with the following content:

```
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>
```

The line containing the text element is highlighted with a green rectangle.

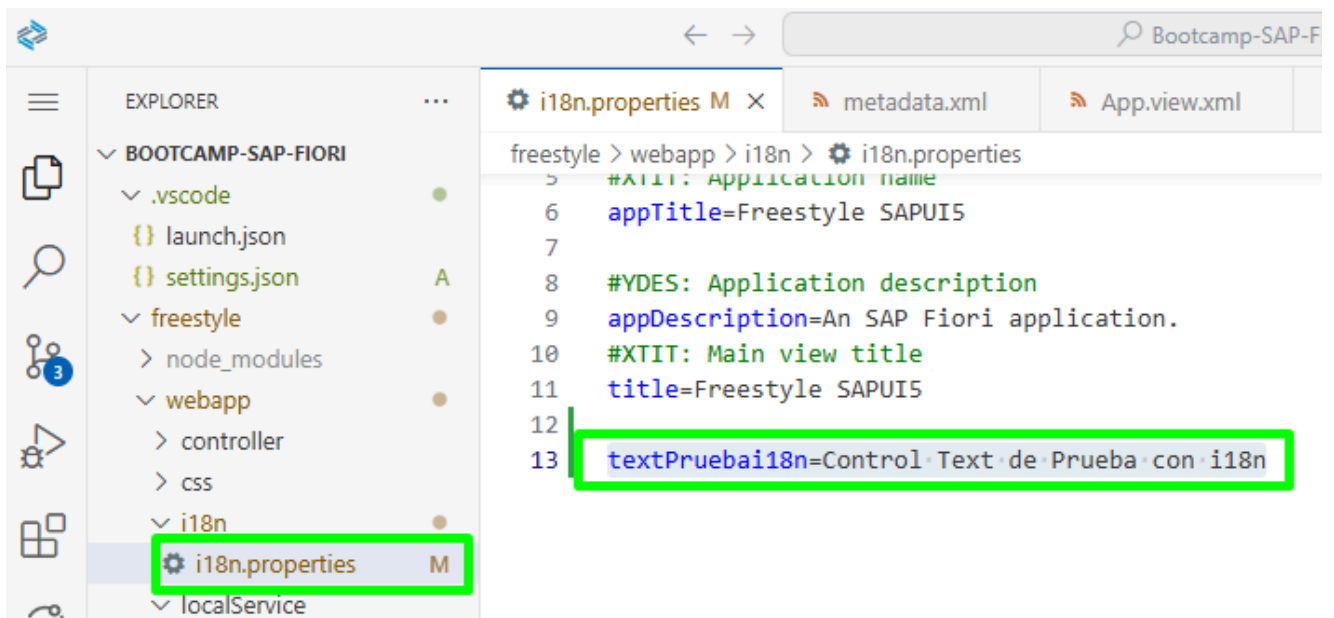
Ejecutamos la App:



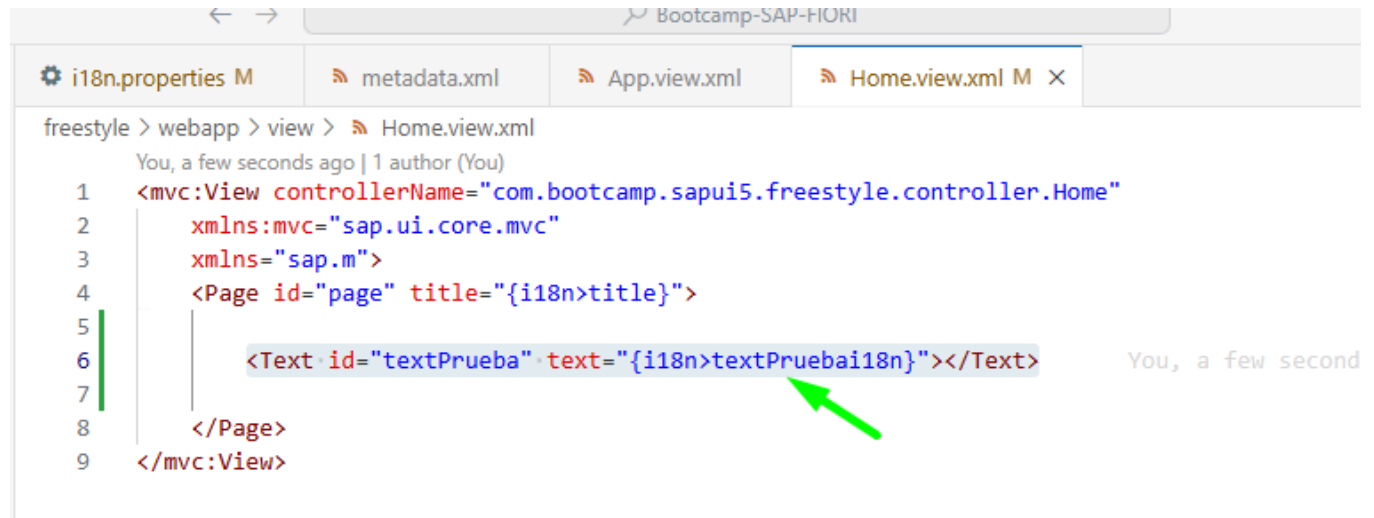


Ahora vamos a agregar el texto ***“Control Text de Prueba”*** en el archivo i18n

`textPruebai18n=Control Text de Prueba con i18n`

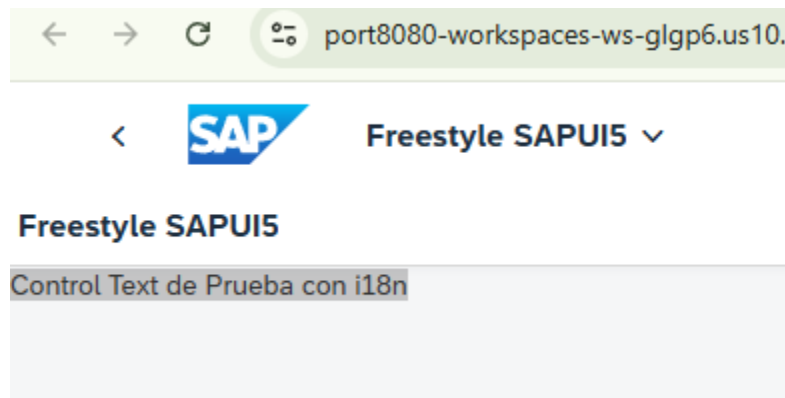


```
<Text id="textPrueba" text="{i18n>textPruebai18n}"></Text>
```



```
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:



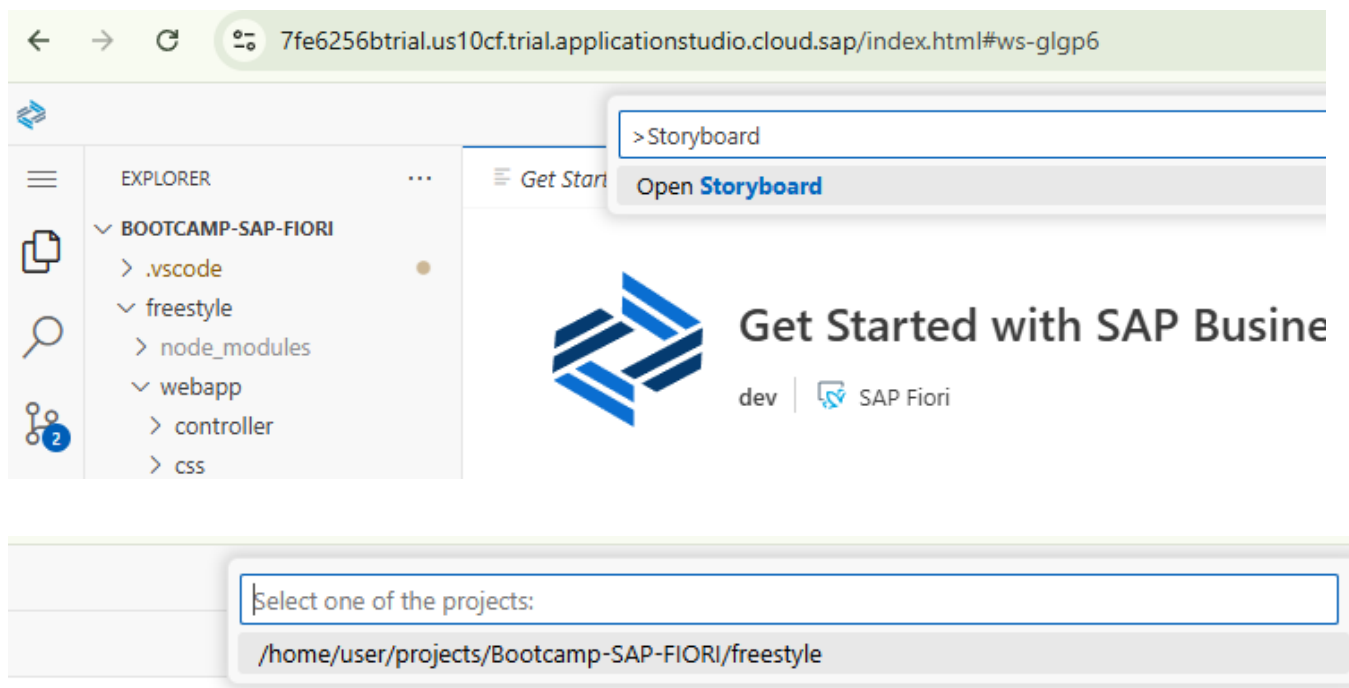
Interactuar con el Modelo del servicio Northwind:

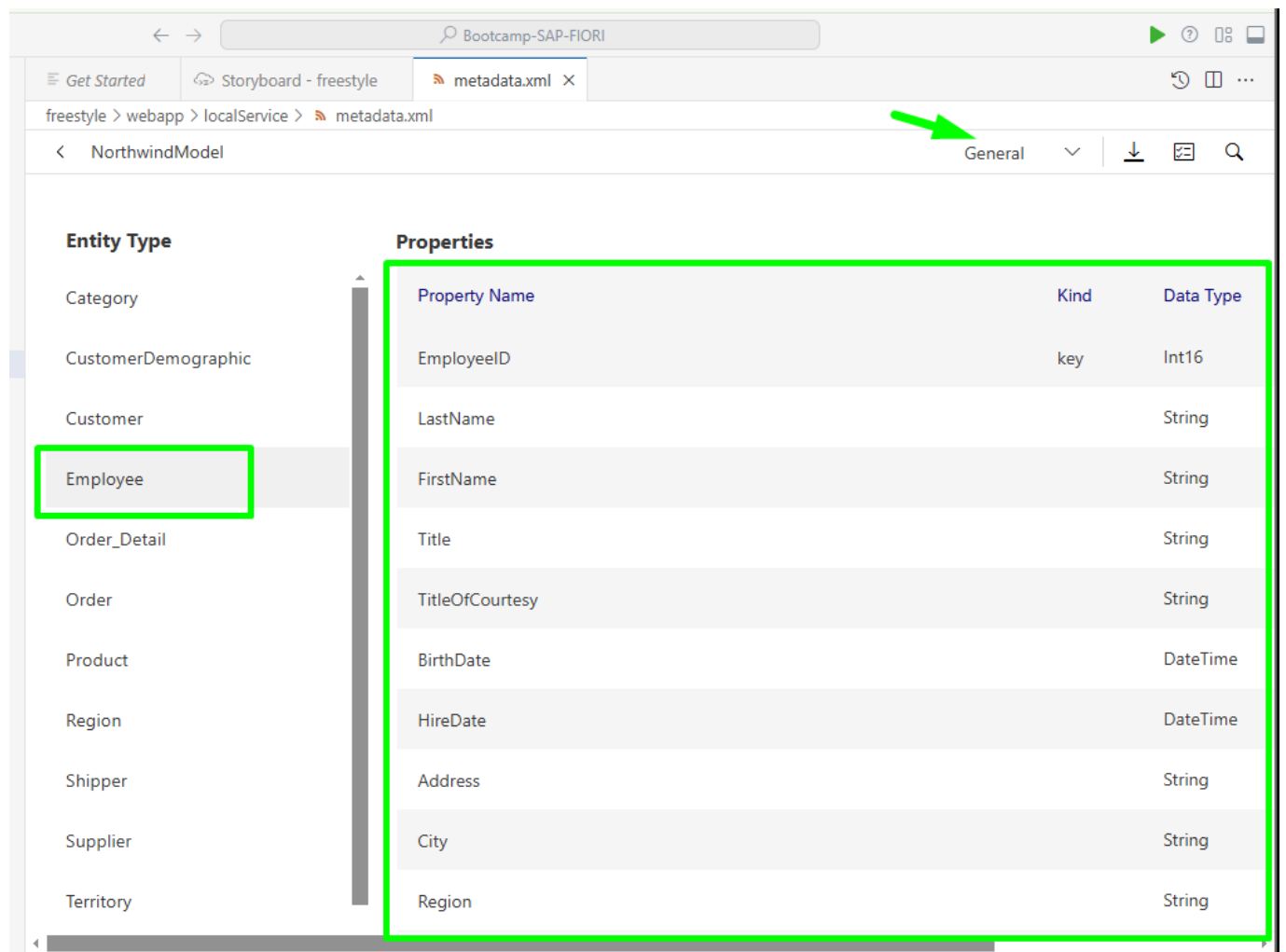
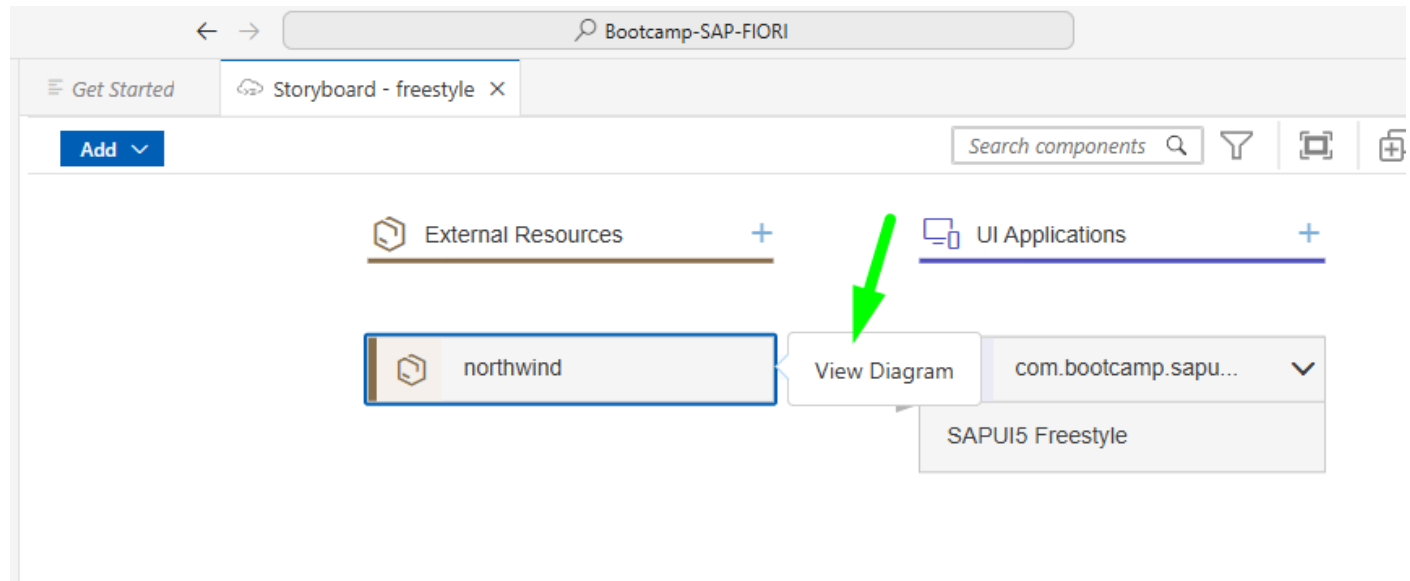
Storyboard

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:

