

Cenário de criação e modificação de um App Fiori Z

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Criando um pacote ZAPP001

Change Package

Package ZAPP001 Saved

Properties Use Accesses Package Interfaces Subpackages Package Hierarchy

Basic Data

Short Description	ZAPP001
Application Component	
Person Responsible	DEVELOPER
Created by	DEVELOPER
Created On	04.08.2025
Last Changed By	DEVELOPER
Changed on	04.08.2025

Package Properties

Superpackage

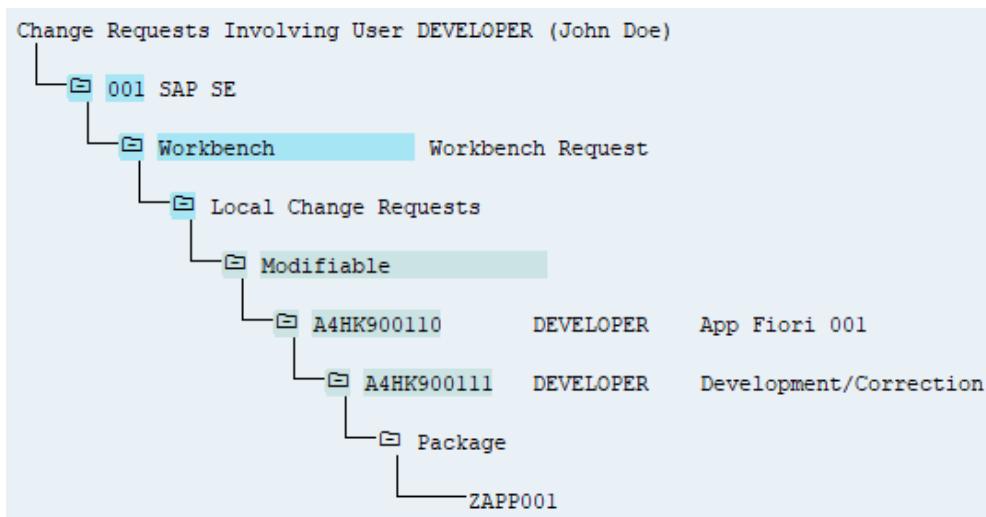
Main Package
 Adding further objects not possible

Transport Attributes

Transport Layer
Software Component HOME Release DEV

Record Object Changes in Transport Requests

Criando request



Criando um app simples no VSCode (Freestyle)

The screenshot shows the Visual Studio Code interface with the following details:

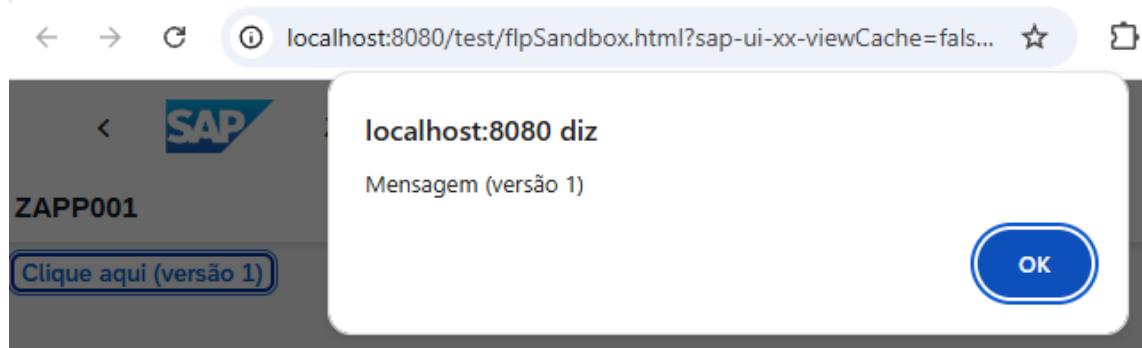
- File Explorer (Left):** Shows the project structure under "zapp001": .vscode, node_modules, webapp, controller, view, css, i18n, model, test, and manifest.json.
- Code Editor (Top Right):** Displays the XML file "View1.view.xml".

```
<mvc:View controllerName="empresa1.zapp001.controller.View1"
    xmlns:mvc="sap.ui.core.mvc"
    xmlns="sap.m">
    <Page id="page" title="{i18n>title}">
        <Button text="Clique aqui (versão 1)" press="onPress"/>
    </Page>
</mvc:View>
```
- Code Editor (Bottom Right):** Displays the JavaScript file "View1.controller.js".

```
sap.ui.define([
    "sap/ui/core/mvc/Controller"
], (Controller) => {
    "use strict";

    return Controller.extend("empresa1.zapp001.controller.View1", {
        OnInit() {
        },
        onPress: function(){
            alert("Mensagem (versão 1)");
        }
    });
});
```

Testando App

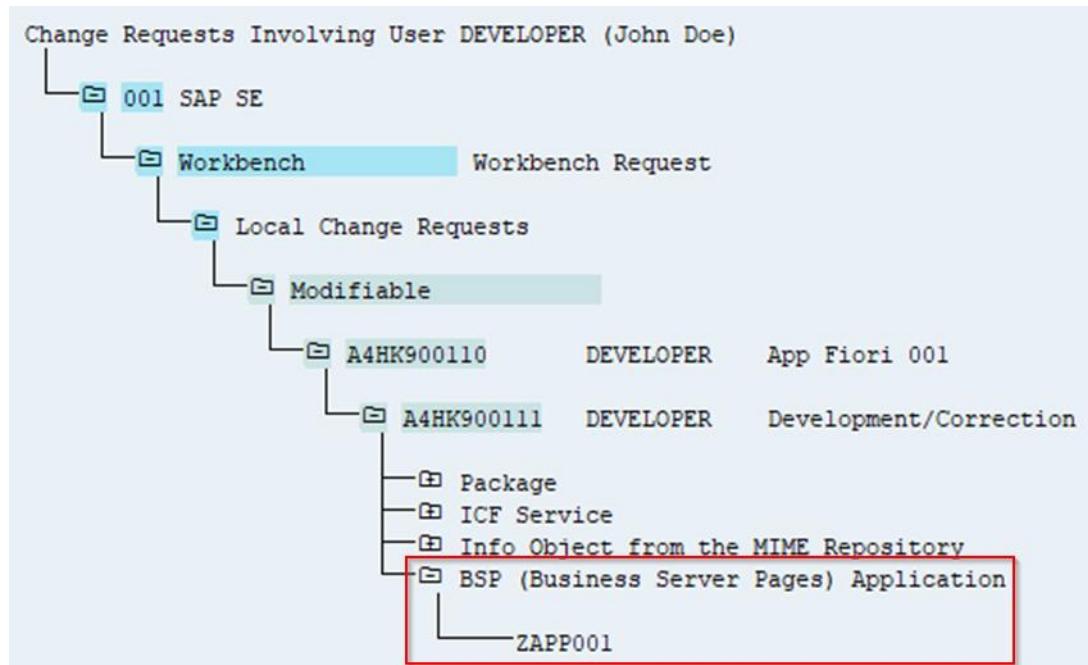


Faça deploy

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

info abap-deploy-task ZAPP001 Upload File    : Component.js.map (Text)
info abap-deploy-task ZAPP001 Upload File    : controller/App-dbg.controller.js (Text)
info abap-deploy-task ZAPP001 ... 14 messages omitted ...
info abap-deploy-task ZAPP001 * Updating the Application Index *
info abap-deploy-task ZAPP001 Messages from its application log:
info abap-deploy-task ZAPP001 Writing descriptor apps/empresa1.zapp001/app/sap/zapp001/
info abap-deploy-task ZAPP001 For details see the application log (SLG1) in client 000 for object /UI5/APPPIDX .
info abap-deploy-task ZAPP001 A BADI implementation for /UI5/BADI_REPOSITORY_LOAD is active: Final activities may have been performed.
info abap-deploy-task ZAPP001 SAPUI5 Application has been uploaded and registered successfully
info abap-deploy-task ZAPP001 * Done *
info abap-deploy-task ZAPP001 App available at http://vhcal4hci:50000/sap/bc/ui5/ui5/sap/zapp001?sap-client=001
info abap-deploy-task ZAPP001 Deployment Successful.
```

A partir desse momento, o código do App foi para a request e **começou** a ser versionado.



Para ver a versão do App, entre na SE80

Web Application Builder: Display Page ZAPP001

Repository Browser

BSP Application

ZAPP001

Object Name Description

Pages with Flow Logic

Page Fragments

controller

App.controller.js

App.controller.js.map

View1.controller.js

View1.controller.js.map

css

i18n

model

view

App.view.xml

View1.view.xml

Component.js

Component.js.map

manifest.json

UI52C5404568CE0D0D739

UI5414E2FB362688F3DC5

UI557CF5CD537FC7FD6AB

UI5998D978267DCF6C31B

UISA8F975298998CB4C5

UI5B2BD24238268DE4F

UI5RepositoryPathMapping

Page view/View1.view.xml Active

Properties Layout

```
<mvc:View controllerName="empresal.zapp001.controller.View1"
    xmlns:mvc="sap.ui.core.mvc"
    xmlns="sap.m">
    <Page id="page" title="{i18n>title}">
        <Button text="Clique aqui (versão 1)" press="onPress"/>
    </Page>
</mvc:View>
```

Page controller/View1.controller.js Active

Properties Layout

```
View1", {onInit: {}, onPress: function() {alert("Mensagem (versão 1)")}}
```

Para ver a versão de qualquer arquivo (controller,view etc), acesse o menu

Utilities Environment System Help

Display Object List Ctrl+Shift+F5

Worklist

Display Navigation Window Ctrl+Shift+F4

Update Navigation Index

Reset Server Cache

Help On...

Where-Used List

Versions

Description

ZAPP001

Page controller/View1.controller.js Active

Properties Layout

Version Management

Generate Version

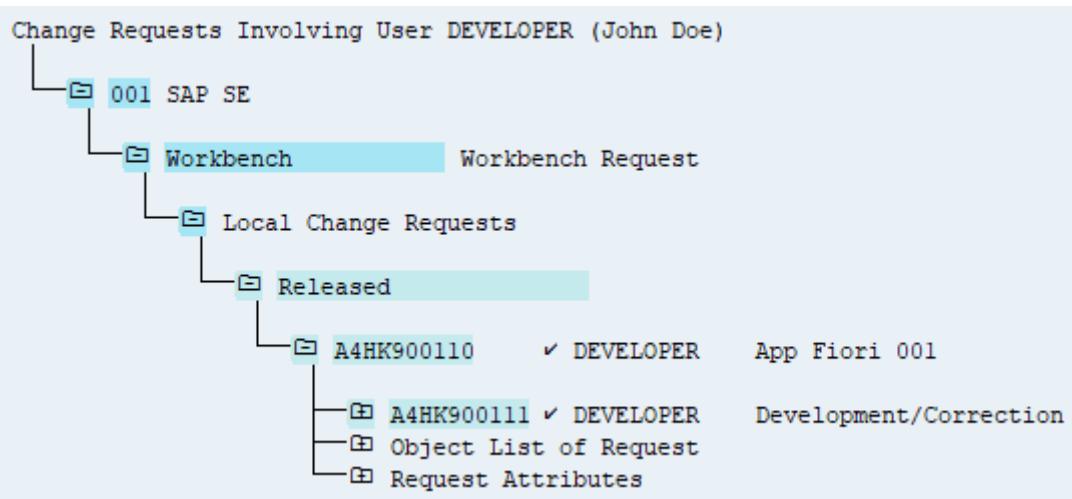
Return to Active Version

Versions of Object ZAPP001 CONTROLLER/VIEW1.CONTROLLER.JS of Type Page

Retrieve Fetch Remote Versions Documentation

Status	Version	Compare	Cat.	Flag	SAP	Rel.	Arch.	Request	Request Text	Project	Date	Time	Author	Note	CI	TCI
active						758		A4HK900111		App Fiori 001		04.08.2025	00:00:00	DEVELOPER		

A request será liberada

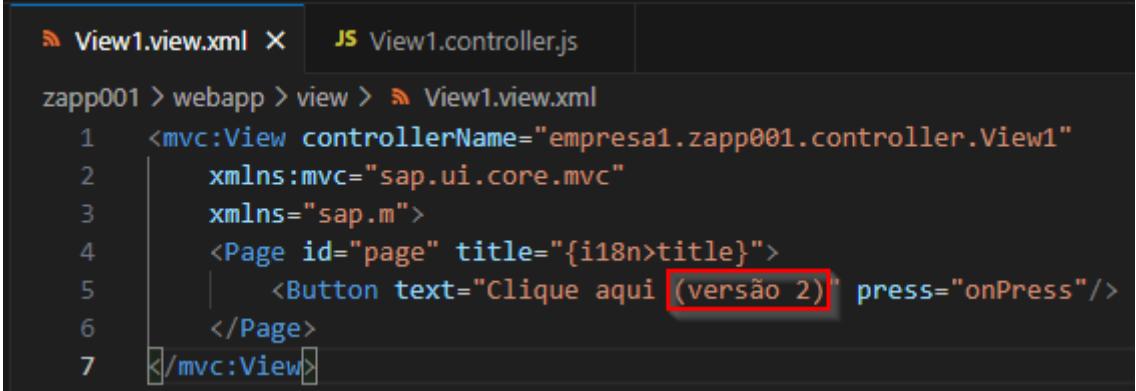


A partir de agora, qualquer alteração no app, quando for feito o deploy na nova request, uma nova versão será criada para cada objeto (view, controller etc).

Nova request



Alterando a view



```
View1.view.xml X JS View1.controller.js

zapp001 > webapp > view > View1.view.xml
1   <mvc:View controllerName="empresa1.zapp001.controller.View1"
2     xmlns:mvc="sap.ui.core.mvc"
3     xmlns="sap.m">
4     <Page id="page" title="{i18n>title}">
5       <Button text="Clique aqui (versão 2)" press="onPress"/>
6     </Page>
7   </mvc:View>
```

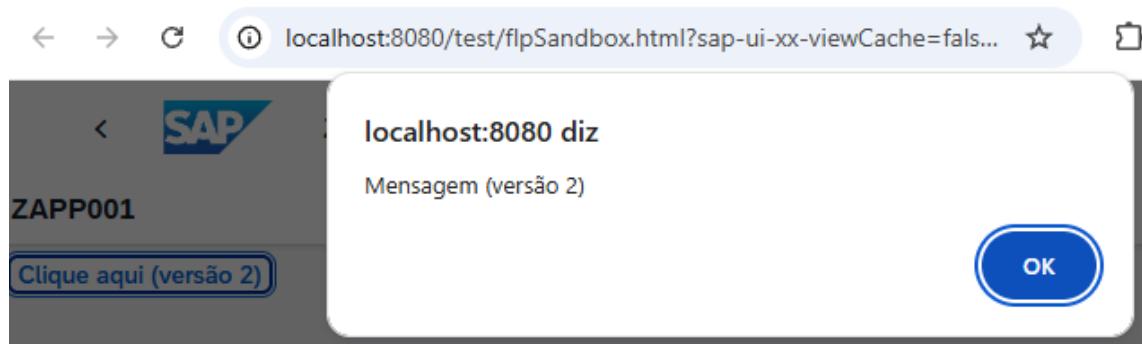
Alterando o controller



```
JS View1.controller.js X

zapp001 > webapp > controller > View1.controller.js > ...
1 sap.ui.define([
2   "sap/ui/core/mvc/Controller"
3 ], (Controller) => {
4   "use strict";
5
6   return Controller.extend("empresa1.zapp001.controller.View1", {
7     OnInit() {
8     },
9
10    onPress: function(){
11      alert("Mensagem (versão 2)");
12    }
13  });
14});
```

Testando o App



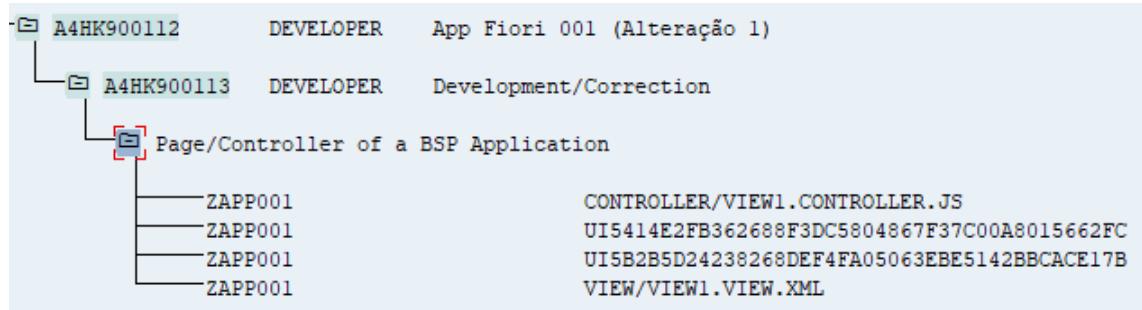
Deploy



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

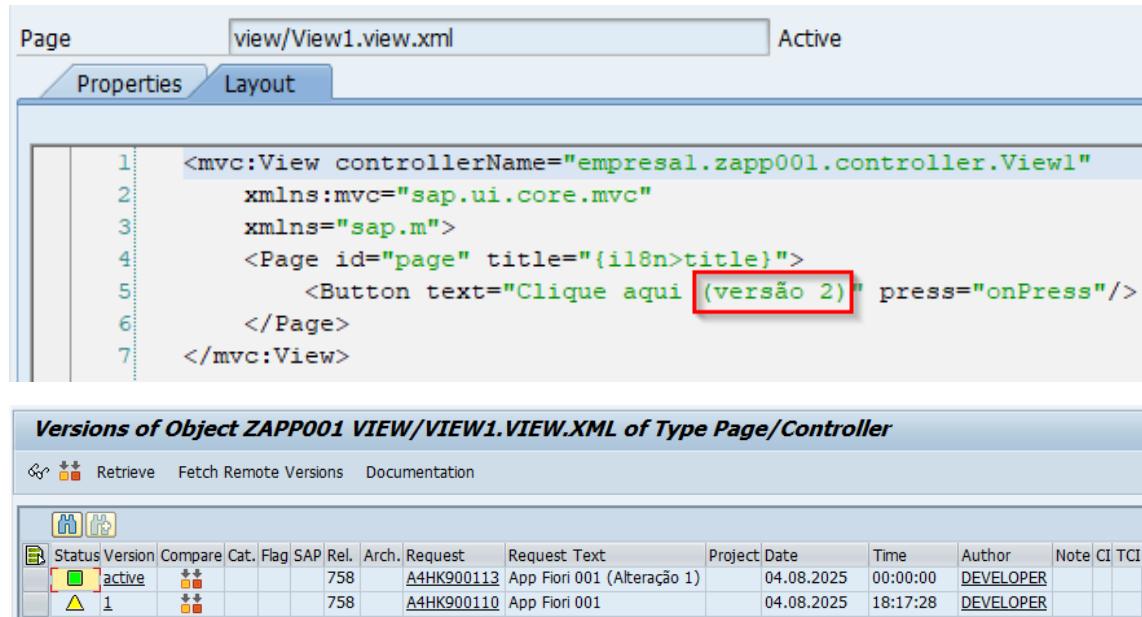
info abap-deploy-task ZAPP001 Upload File : controller/View1-dbg.controller.js (Text)
info abap-deploy-task ZAPP001 Upload File : controller/View1.controller.js (Text)
info abap-deploy-task ZAPP001 Upload File : view/View1_view.xml (Text)
info abap-deploy-task ZAPP001 * Updating the Application Index *
info abap-deploy-task ZAPP001 Messages from its application log:
info abap-deploy-task ZAPP001 Writing descriptor apps/empresal.zapp001/app/sap/zapp001/
info abap-deploy-task ZAPP001 For details see the application log (SLGL) in client 000 for object /UI5/APPIDX .
info abap-deploy-task ZAPP001 A BADI implementation for /UI5/BADI_REPOSITORY_LOAD is active: Final activities may have been performed.
info abap-deploy-task ZAPP001 SAPUI5 Application has been uploaded and registered successfully
info abap-deploy-task ZAPP001 * Done *
info abap-deploy-task ZAPP001 App available at http://vhcal4hci:50000/sap/bc/ui5/sap/zapp001?sap-client=001
info abap-deploy-task ZAPP001 Deployment Successful.
```

Verificando request



Verificando versão

View



Page view/View1.view.xml Active

Properties Layout

```
1 <mvc:View controllerName="empresal.zapp001.controller.View1"
2   xmlns:mvc="sap.ui.core.mvc"
3   xmlns="sap.m">
4   <Page id="page" title="{i18n>title}">
5     <Button text="Clique aqui (versão 2)" press="onPress"/>
6   </Page>
7 </mvc:View>
```

Versions of Object ZAPP001 VIEW/VIEW1.VIEW.XML of Type Page/Controller

Retrieve Fetch Remote Versions Documentation

Status	Version	Compare	Cat.	Flag	SAP	Rel.	Arch.	Request	Request Text	Project Date	Time	Author	Note	CI	TCI
active	**					758	A4HK900113	App Fiori 001 (Alteração 1)		04.08.2025	00:00:00	DEVELOPER			
1	**					758	A4HK900110	App Fiori 001		04.08.2025	18:17:28	DEVELOPER			

02: Program to Compare Two Versions

Delta Display Single/Double Column 

Object Name	Version	Request	Date	Author
ZAPP001	Actv.	A4HK900113	04.08.2025	DEVELOPER
ZAPP001	00001	A4HK900110	04.08.2025	DEVELOPER

General Attributes

Application	ZAPP001
Page	view/View1.view.xml
Page Type	X
Short Description	

General Attributes

Unchanged

Page Source

Line
<mvc:View controllerName="empresal.zapp001.controller.View1"
xmlns:mvc="sap.ui.core.mvc"
xmlns="sap.m">
<Page id="page" title="{i18n>title}">
<Button text="Clique aqui (versão 2)" press="onPress"/>
<Button text="Clique aqui (versão 1)" press="onPress"/>
</Page>
</mvc:View>
Page Source
Inserted: 1
Deleted: 1

Controller

Page controller/View1.controller.js Active

Properties Layout

```
1 View1",{onInit(){},onPress:function(){alert("Mensagem (versão 2)")}}
```

Versions of Object ZAPP001 CONTROLLER/VIEW1.CONTROLLER.JS of Type Page

Retrieve Fetch Remote Versions Documentation

Status	Version	Compare	Cat.	Flag	SAP	Rel.	Arch.	Request	Request Text	Project	Date	Time	Author	Note	CI	TCI
active					758			A4HK900113	App Fiori 001 (Alteração 1)		04.08.2025	00:00:00	DEVELOPER			
1					758			A4HK900110	App Fiori 001		04.08.2025	18:17:28	DEVELOPER			

02: Program to Compare Two Versions

Delta Display Single/Double Column Field catalog

Object Name	Version	Request	Date	Author
ZAPP001	Actv.	A4HK900113	04.08.2025	DEVELOPER
ZAPP001	00001	A4HK900110	04.08.2025	DEVELOPER

General Attributes

Application	ZAPP001
Page	controller/View1.controller.js
Page Type	X
Short Description	

General Attributes
Unchanged

Page Source

Line

```

sep.ui.define(["sap/ui/core/mvc/Controller"],e=>["use strict";return e.extend("empresal.zapp001.controller.View1",{"onInit":function(){},onPress:function(){alert("Mensagem (versão 2)");}});
sep.ui.define(["sap/ui/core/mvc/Controller"],e=>["use strict";return e.extend("empresal.zapp001.controller.View1",{"onInit":function(){},onPress:function(){alert("Mensagem (versão 1)");}}));
//# sourceMappingURL=View1.controller.js.map

```

Page Source
Inserted: 1
Deleted: 1

Conclusão

Conforme evidências, todas as alterações feita no App não são perdidas e permanecem no versionamento do sistema, onde é possível rastrear qualquer modificação.