

Cenário de criação e modificação de um App Fiori Z

Data: 04/08/2025 / Autor: Vinicius Cesar Dias

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: Change

☐ Main Package

☐ Adding further objects not possible

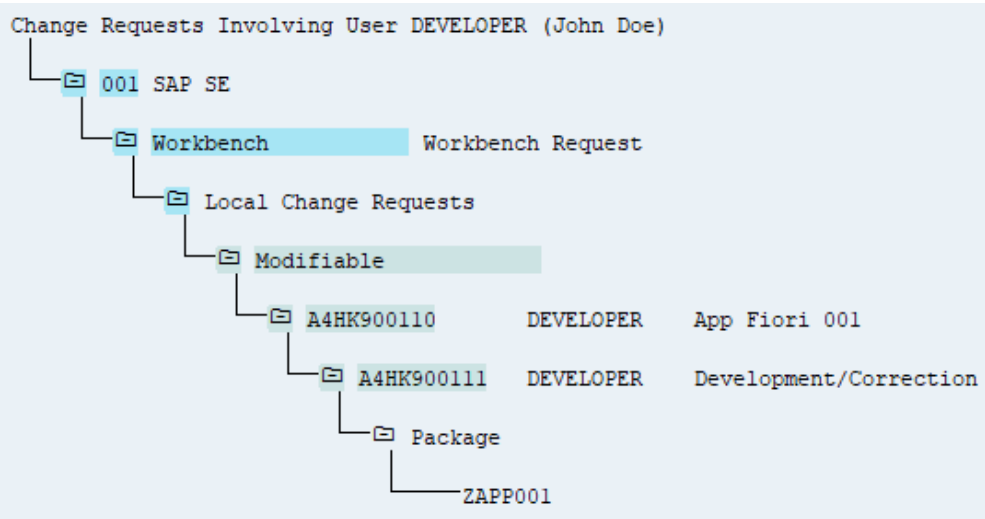
Transport Attributes

Transport Layer:

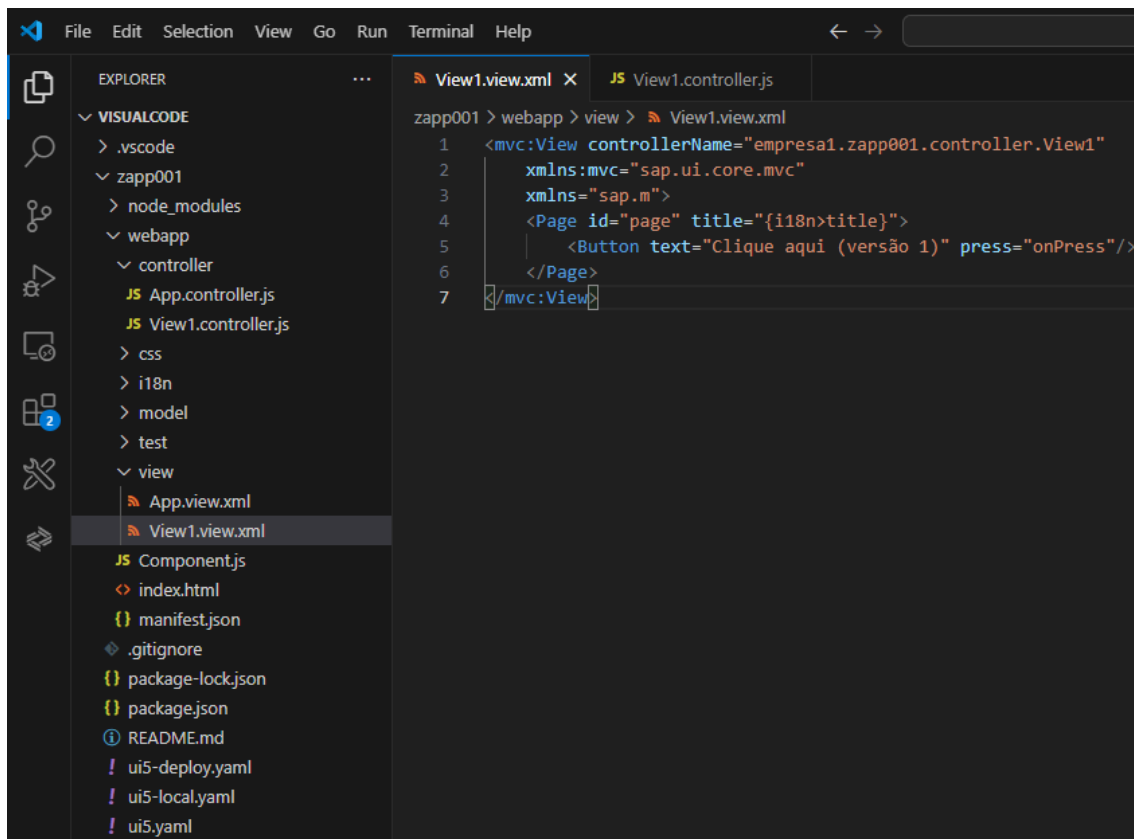
Software Component: HOME Release DEV

☒ Record Object Changes in Transport Requests

Criando request



Criando um app simples no VSCode (Freestyle)



The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left displays the project structure for 'zapp001'. The 'view' folder is expanded, showing 'App.view.xml' and 'View1.view.xml'. The Editor pane on the right shows the content of 'View1.view.xml'.

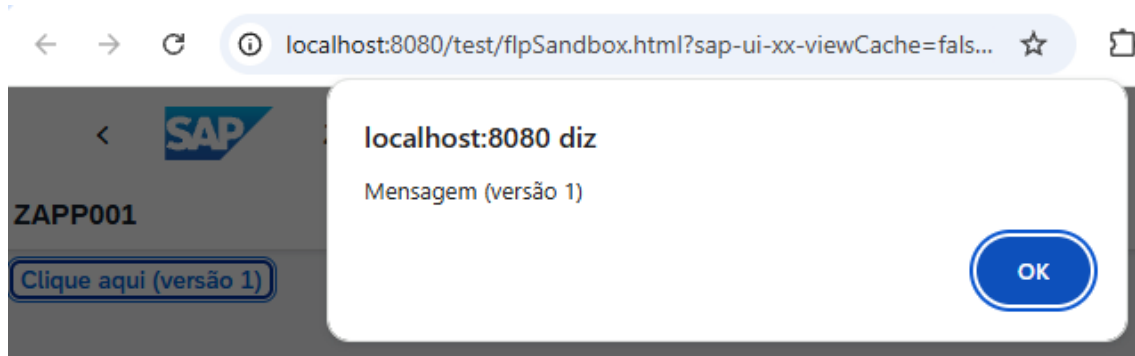
```
zapp001 > webapp > view > View1.view.xml
1 <mvc:View controllerName="empresa1.zapp001.controller.View1"
2   xmlns:mvc="sap.ui.core.mvc"
3   xmlns="sap.m">
4   <Page id="page" title="{i18n>title}">
5     <Button text="Clique aqui (versão 1)" press="onPress"/>
6   </Page>
7 </mvc:View>
```



The screenshot shows the Visual Studio Code Editor with the 'View1.controller.js' file open. The breadcrumb at the top indicates the path: 'zapp001 > webapp > controller > JS View1.controller.js > sap.ui.define() callback > onPress'. The code defines a controller for the 'View1' view, extending the 'Controller' class and implementing the 'onPress' event handler.

```
zapp001 > webapp > controller > JS View1.controller.js > sap.ui.define() callback > onPress
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 1)");
12    }
13  });
14 });
```

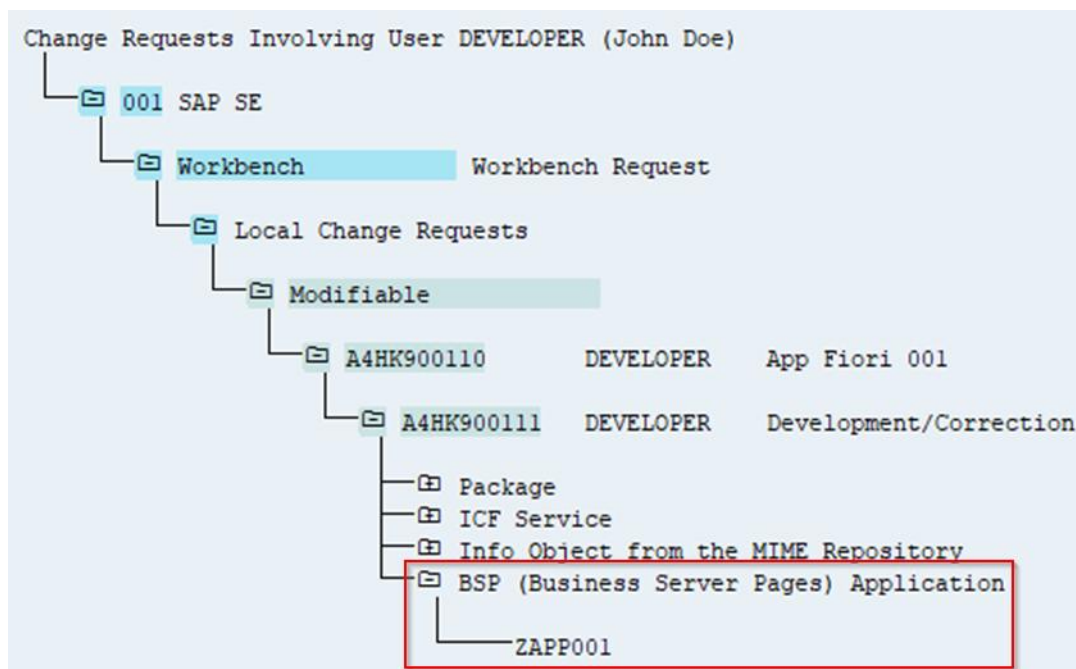
Testando App



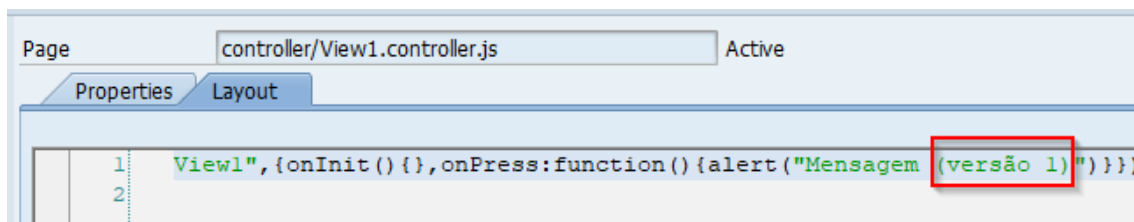
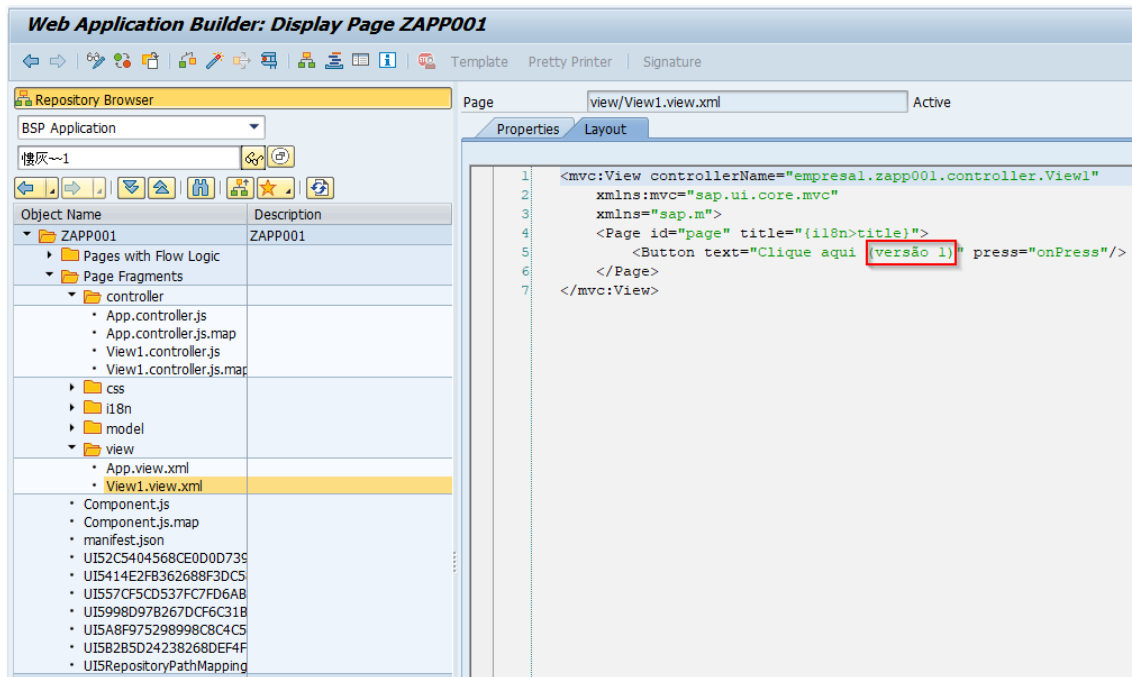
Faça deploy

```
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/empresal.zapp001/app/sap/zapp001/
info abap-deploy-task ZAPP001 For details see the application log (SLG1) in client 000 for object /UI5/APPIDIX .
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://vhcala4hci:50000/sap/bc/ui5_ui5/sap/zapp001?sap-client=001
info abap-deploy-task ZAPP001 Deployment Successful.
```

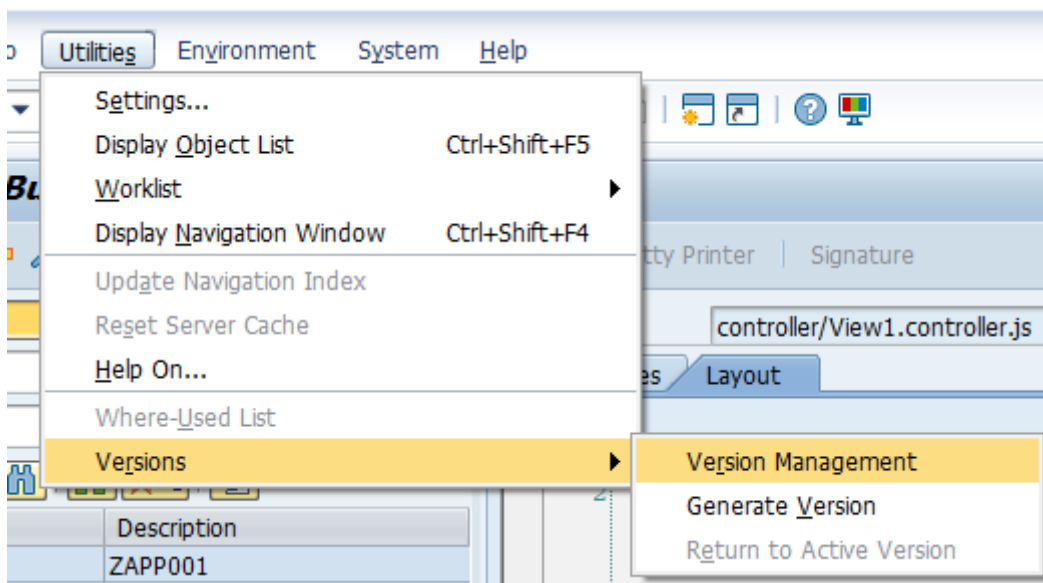
A partir desse momento, o código do App foi para a request e **começou** a ser versionado.



Para ver a versão do App, entre na SE80



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



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

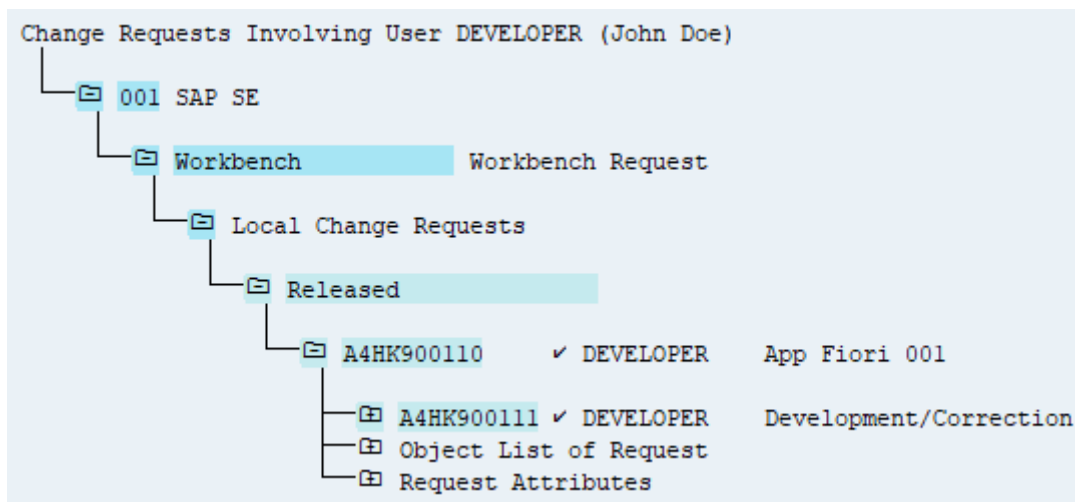
Retrieve

Fetch Remote Versions

Documentation

Status	Version	Compare	Cat.	Flag	SAP	Rel.	Arch.	Request	Request Text	Project	Date	Time	Author	Note	CI	TCI
<div><div></div><div></div></div>	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



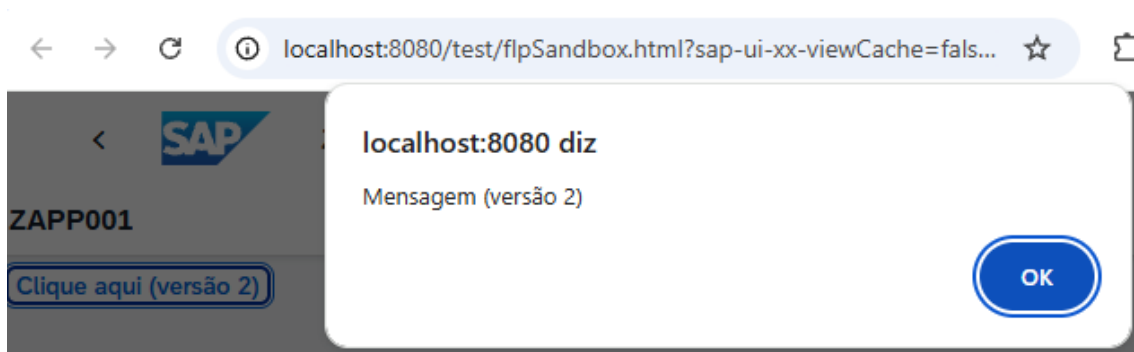
Alterando a view

```
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 > JS 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/empresa1.zapp001/app/sap/zapp001/
info abap-deploy-task ZAPP001 For details see the application log (SLG1) 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://vhcala4hci:50000/sap/bc/ui5_ui5/sap/zapp001?sap-client=001
info abap-deploy-task ZAPP001 Deployment Successful.
```

Verificando request

A4HK900112

DEVELOPER

App Fiori 001 (Alteração 1)

A4HK900113

DEVELOPER

Development/Correction

Page/Controller of a BSP Application

ZAPP001

CONTROLLER/VIEW1.CONTROLLER.JS

ZAPP001

UI5414E2FB362688F3DC5804867F37C00A8015662FC

ZAPP001

UI5B2B5D24238268DEF4FA05063EBE5142BBCACE17B

ZAPP001

VIEW/VIEW1.VIEW.XML

Verificando versão

View

Page

view/View1.view.xml

Active

Properties

Layout

1

<mvc:View controllerName="empresa1.zapp001.controller.View1"

2

xmlns:mvc="sap.ui.core.mvc"

3

xmlns="sap.m">

4

<Page id="page" title="{il8n>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  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	view/View1.view.xml
Page Type	X
Short Description	
General Attributes	
Unchanged	

Page Source

Line
<pre><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></pre>

Page Source

Inserted: 1
Deleted: 1



Controller





Page Active

Properties Layout


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

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Delta Display Single/Double Column  Field catalog

Object Name	Version	Request	Date	Author
ZAPP001	Activ.	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
	<pre>sap.ui.define(["sap/ui/core/mvc/Controller"],e=>{"use strict";return e.extend("empresal.zapp001.controller.View1",{onInit(){},onPress:function(){alert("Mensagem (versão 2)")})); sap.ui.define(["sap/ui/core/mvc/Controller"],e=>{"use strict";return e.extend("empresal.zapp001.controller.View1",{onInit(){},onPress:function(){alert("Mensagem (versão 1)")})); // # sourceMappingURL=View1.controller.js.map</pre>
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.