

SAP Fiori element apps using SAP CAP data model and integrating HANA cloud database for storage.

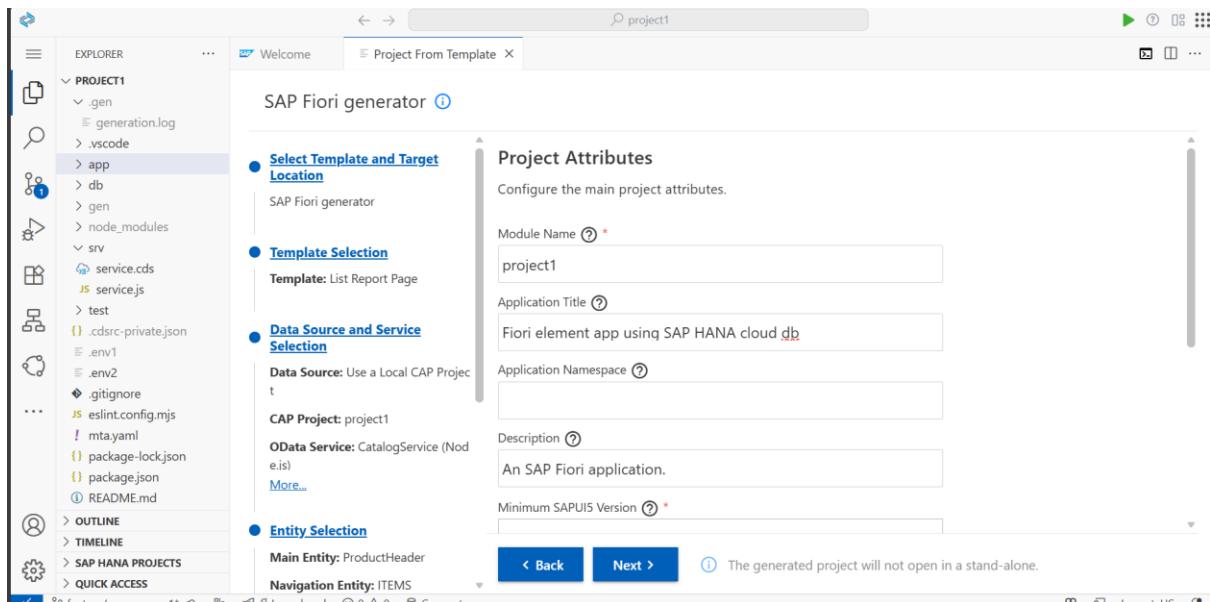
The screenshot shows two consecutive steps of the SAP Fiori generator wizard in SAP Application Studio:

Step 1: Data Source and Service Selection

- Select Template and Target Location:** SAP Fiori generator
- Template Selection:** List Report Page
- Data Source and Service Selection:**
 - Data Source:** Use a Local CAP Project
 - Choose a CAP Project:** project1
 - OData Service:** CatalogService (Node.js)
- Entity Selection:** None selected
- Project Attributes:** None selected

Step 2: Entity Selection

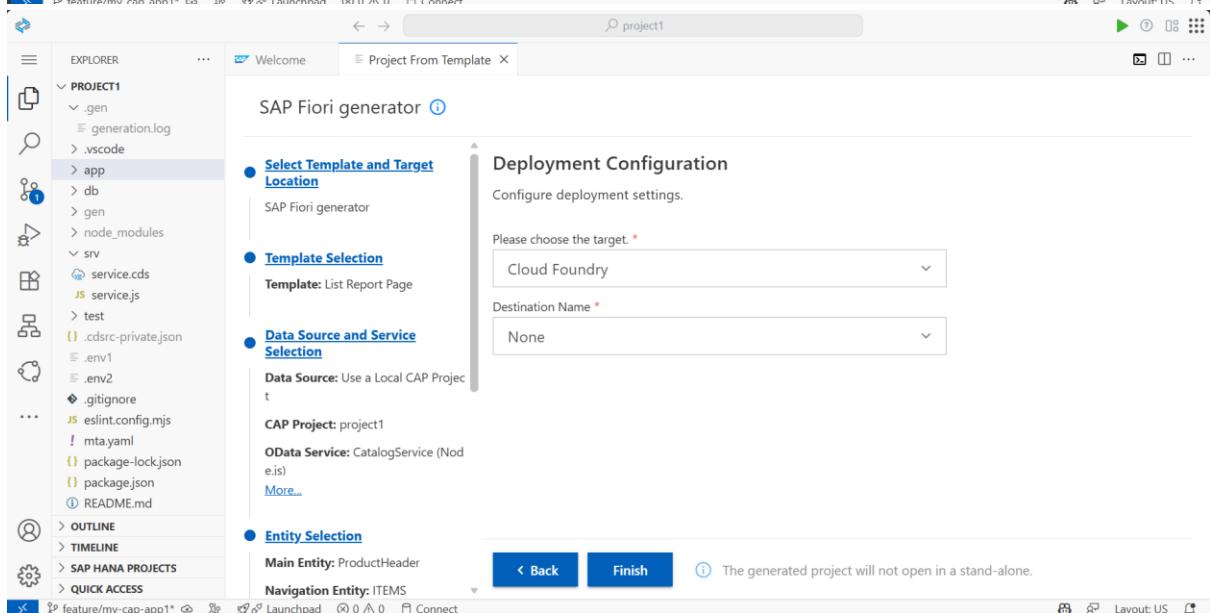
- Select Template and Target Location:** SAP Fiori generator
- Template Selection:** List Report Page
- Data Source and Service Selection:**
 - Main Entity:** ProductHeader
 - Navigation Entity:** ITEMS
 - Automatically add table columns to the list page and a section to the object page if none already exists?**
 - Yes
 - No
 - Table Type:** Responsive
- Entity Selection:**
 - Main Entity:** ProductHeader
 - Navigation Entity:** ITEMS
- Project Attributes:** None selected



The screenshot shows the SAP Fiori generator interface during the 'Project Attributes' configuration step. The left sidebar displays the project structure under 'PROJECT1'. The main panel shows the 'Project Attributes' configuration screen with the following fields:

- Module Name**: project1
- Application Title**: Fiori element app using SAP HANA cloud db
- Application Namespace**: (empty)
- Description**: An SAP Fiori application.
- Minimum SAPUI5 Version**: (empty)

At the bottom right of the panel, there are 'Back' and 'Next >' buttons, and a note: "The generated project will not open in a stand-alone." The status bar at the bottom indicates the current file is 'feature/my-cap-app1*'.



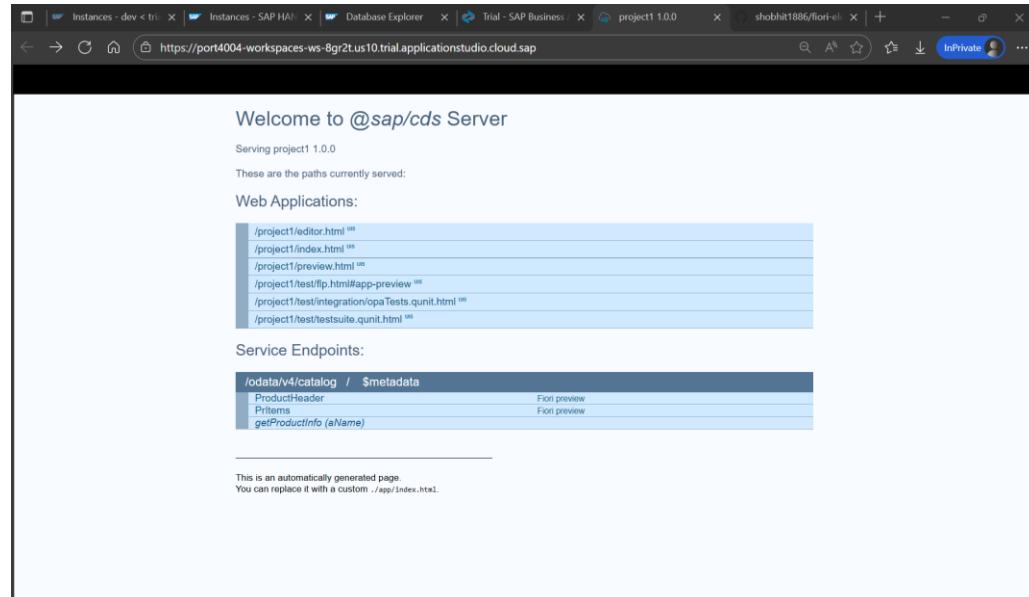
The screenshot shows the SAP Fiori generator interface during the 'Deployment Configuration' step. The left sidebar displays the project structure under 'PROJECT1'. The main panel shows the 'Deployment Configuration' configuration screen with the following fields:

- Please choose the target**: Cloud Foundry
- Destination Name**: None

At the bottom right of the panel, there are 'Back' and 'Finish' buttons, and a note: "The generated project will not open in a stand-alone." The status bar at the bottom indicates the current file is 'feature/my-cap-app1*'.

The fiori element app is generated. Now add annotations in cds file.

The output response of app after cds build, cds deploy.



Standard*

Editing Status: All Name: Status: Supplier: In Stock: (Not Selected) Go Adapt Filters

ProductHeader (7)

Name	Status	Supplier	In Stock	Date of Manufacture	Item Number	Item Name	Item Type
Copper Nitrate	InActive	xyz	Yes	Feb 14, 2008	14953600-3ff5-4ad6-bd2a-94e79...	Copper 2+ ions	Grade 4
Status of Item: New Item Stock: No							
Copper Sulphate	InActive	xyz	Yes	Feb 14, 2008	24953600-3ff5-4ad6-bd2a-94e79...	Sulphur 3++	GradeB
Status of Item: Old Item Stock: Yes							
Ammonia	InActive	xyz	Yes	Feb 14, 2008	aa953600-3ff5-4ad6-bd2a-94e79...	NH3++	GradeB
Status of Item: Old Item Stock: Yes							
Copper phosphate	InActive	xyz	Yes	Feb 14, 2008	aab53600-3ff5-4ac6-bd2a-94e79...	Phosphate	GradeA
Status of Item: Old Item Stock: No							
Ferric Sulphate	InActive	xyz	Yes	Feb 14, 2008	aab53600-3ff5-4ad6-bd2a-94e79...	H++	Grade B
Status of Item: New Item Stock: Yes							
Stainless Steel	Active	Africa Pvt ltd	No	Jan 1, 2025	2 Items	Iron - Carbon	2 Items

Copper Nitrate
xyz

[Edit](#) [Delete](#)

[General Information](#) [Additional Information](#) [Item data Information](#)

General Information

ID: 14953600-3ff5-4ad6-bd2a-94e794fc7b02	Name: Copper Nitrate	Status: InActive
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Additional Information

Supplier: xyz	Date of Manufacture: Feb 14, 2008	In Stock: Yes
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Item data Information

Item Number: 14953600-3ff5-4ad6-bd2a-94...	Item Name: Copper 2+ ions	Item Type: Grade 4	Status of Item: New	Item Stock: No
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The hana cloud DB:

SAP HANA Database Explorer interface showing the schema of the **PROJECT1_PRODUCT_HEADER** table.

Table Name: PROJECT1_PRODUCT_HEADER

Schema: DA1D80C6C02A4077A7FBDAAC89579971C.PROJECT1_PRODUCT_HEADER

Columns:

Name	SQL Data Type	Key	Not Null	Default	Comment
1 ID	NVARCHAR(36)	1	X	NULL	
2 NAME	NVARCHAR(20)			NULL	
3 DOM	DATE			NULL	
4 INSTOCK	BOOLEAN			0	
5 STATUS	NVARCHAR(10)			Active	
6 SUPPLIER	NVARCHAR(20)			NULL	

SAP HANA Database Explorer interface showing the raw data of the **PROJECT1_PRODUCT_HEADER** table.

Raw Data

ID	NAME	DOM	INSTOCK	STATUS	SUPPLIER
1 24953600-3f5-4ad6-bd2a-94e794fc7b02	Copper Sulphate	2008-02-14	true	InActive	xyz
2 14953600-3f5-4ad6-bd2a-94e794fc7b02	Copper Nitrate	2008-02-14	true	InActive	xyz
3 aa953600-3f5-4ad6-bd2a-94e794fc7b02	Ammonia	2008-02-14	true	InActive	xyz
4 aab53600-3f5-4ad6-bd2a-94e794fc7b02	Ferric Sulphate	2008-02-14	true	InActive	xyz
5 aab53600-3f5-4ac6-bd2a-94e794fc7b02	Copper phosphate	2008-02-14	true	InActive	xyz
6 dd653600-3f5-4ac6-bd2a-94e794fc7b02	Argon	2008-02-14	true	Active	US Ltd.
7 c3773e0e-eb55-4829-b047-a0f09c62f5e6	Stainless Steel	2025-01-01	false	Active	Africa Pvt ltd

Table2:

SAP HANA Database Explorer

Filter Instances

- 19329b14-2c9e-4bb7-af10-b9ff60fc1be
 - Column Views
 - Cubes
 - Functions
 - Graph Workspaces
 - Indexes
 - JSON Collections
 - Libraries
 - Procedures
 - Public Synonyms
 - Remote Subscriptions
 - Job Scheduler
 - Sequences
 - Synonyms
 - Table Types
 - Tables
 - Tasks
 - Tenants

Search Tables

- CATALOGSERVICE_PRITEMS_DRAFTS
- CATALOGSERVICE_PRODUCTHEADER_DR
- CDS_OUTBOX_MESSAGES
- DRAFT_DRAFTADMINISTRATIVEDATA
- PROJECT1_PRODUCT_HEADER
- PROJECT1_PR_ITEMS

Table Name: PROJECT1_PR_ITEMS Schema: DA1D80C6C02A4077A7FBDA489579971C.PROJECT1_PR_ITEMS

Columns Indexes Properties Runtime Information

Name	SQL Data Type	Key	Not Null	Default	Comment
PR_ITEMS_ID	NVARCHAR(36)	1	X	NULL	
ITEM	NVARCHAR(36)	2	X	NULL	
INSTOCK_ITEM	BOOLEAN			0	
STATUS_ITEM	NVARCHAR(10)			New	
TYPE_ITEM	NVARCHAR(10)			NULL	
ITEM_NAME	NVARCHAR(50)			NULL	

SAP HANA Database Explorer

Filter Instances

- 19329b14-2c9e-4bb7-af10-b9ff60fc1be
 - Column Views
 - Cubes
 - Functions
 - Graph Workspaces
 - Indexes
 - JSON Collections
 - Libraries
 - Procedures
 - Public Synonyms
 - Remote Subscriptions
 - Job Scheduler
 - Sequences
 - Synonyms
 - Table Types
 - Tables
 - Tasks
 - Tenants

Search Tables

- CATALOGSERVICE_PRITEMS_DRAFTS
- CATALOGSERVICE_PRODUCTHEADER_DR
- CDS_OUTBOX_MESSAGES
- DRAFT_DRAFTADMINISTRATIVEDATA
- PROJECT1_PRODUCT_HEADER
- PROJECT1_PR_ITEMS

Raw Data Analysis

Rows (8)

PR_ITEMS_ID	ITEM	INSTOCK_ITEM	STATUS_ITEM	TYPE_ITEM	ITEM_NAME
c3773e0e-eb55-4829-bd47-a0f09c6215eb	8cbcdff0-428d-4a2e-9ef3-9c27c2b042ec	false	New	Grade A	Iron
c3773e0e-eb55-4829-bd47-a0f09c6215eb	a03fd4d-8435-4566-adcb-c2f4251a5eeb	true	Old	Grade C	Carbon
aab53600-3ff5-4ad6-bd2a-94e794fc7b02	aab53600-3ff5-4ad6-bd2a-94e794fc7b02	true	New	Grade B	H++
ddb53600-3ff5-4ad6-bd2a-94e794fc7b02	ddb53600-3ff5-4ad6-bd2a-94e794fc7b02	false	Old	GradeA	Ar3+
aab53600-3ff5-4ad6-bd2a-94e794fc7b02	aab53600-3ff5-4ad6-bd2a-94e794fc7b02	false	Old	GradeA	Phosphate
aa953600-3ff5-4ad6-bd2a-94e794fc7b02	aa953600-3ff5-4ad6-bd2a-94e794fc7b02	true	Old	GradeB	NH3++
24953600-3ff5-4ad6-bd2a-94e794fc7b02	24953600-3ff5-4ad6-bd2a-94e794fc7b02	true	Old	GradeB	Sulphur 3++
14953600-3ff5-4ad6-bd2a-94e794fc7b02	14953600-3ff5-4ad6-bd2a-94e794fc7b02	false	New	Grade 4	Copper 2+ ions

SAP BTP :

SAP BTP Cockpit

Trial Home / d2455336trial / trial / dev

Space: dev - Service Instances

All: 2

Note that space level does not currently support label management, instance sharing, or the display of "created by" and "modified by" information.

Service:	Plan:	Status:
Search	All	All

Instances (2)

Instance	Service	Plan	Credentials	Status
Hana-trial-cloud	SAP HANA Cloud	hana	1 key	Created
project1-db	SAP HANA Schemas ...	hdi-shared	2 keys	Created

SAP HANA cloud central:

SAP HANA Cloud Central

Instances

All Instances

Instances (1) Subaccount Roles (2)

State	Name	Type	Notifications	Runtime Environment	Memory	Storage	Compute	Nodes	Replicas	Actions
Running	Hana-trial-cloud	SAP HANA Database	1	Cloud Foundry	16 GB	80 GB	1 vCPUs	1 node	0 replicas	...

Version: 2025.28.7 (QRC 3/2025)
Encryption Key: SAP-Managed