

Streamline SAP Fiori app development using **SAP Fiori tools**

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UI5con^{ON AIR}

Agenda

Introducing SAP Fiori tools

Migrate, Enhance and Deploy an SAP Fiori elements app using SAP Fiori tools

- Migrate SAP Fiori Web IDE projects to SAP Fiori tools
 - import using git & migrate using new migration view
- Enhance an SAP Fiori elements app
- Deploy an SAP Fiori app with SAP Fiori tools

Labs Preview: Low-code capabilities in application modeler

Q&A

Introducing **SAP Fiori** elements & tools



SAP Fiori tools helps us further scale SAP Fiori app development



Fiori

10s of apps

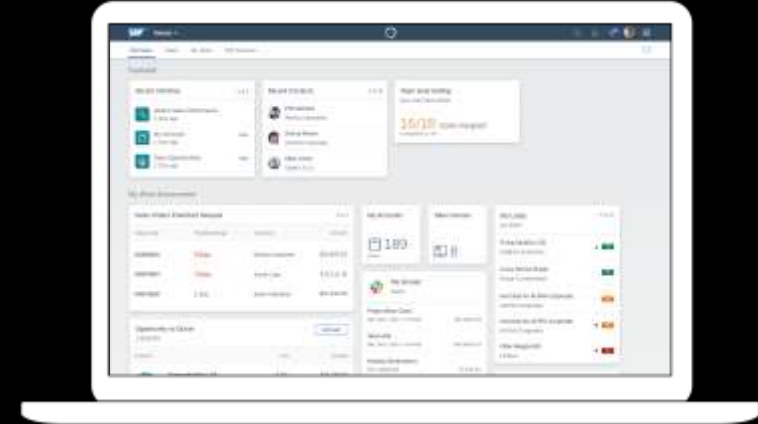
2013



Fiori 2

100s of apps

2016



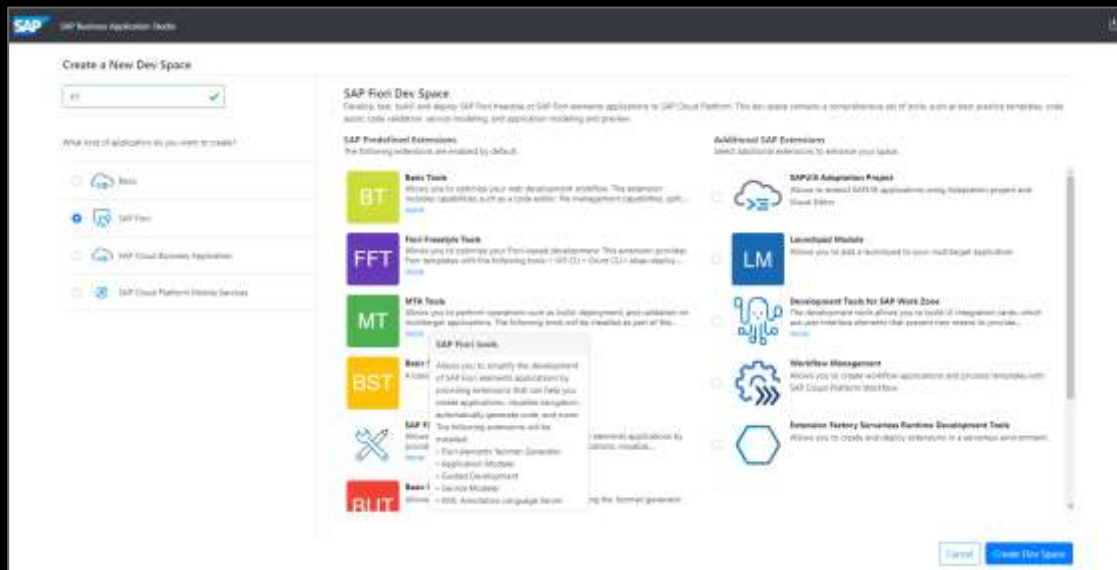
Fiori 3

1000s of apps
Today

Get started with SAP Fiori tools

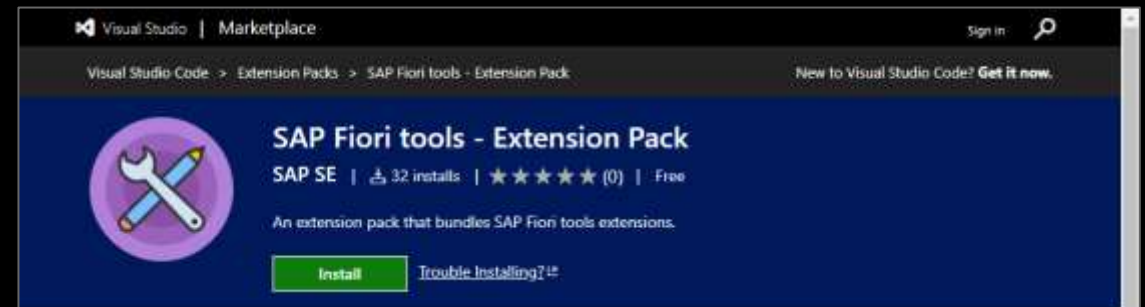
SAP Business Application Studio

SAP Fiori tools are preinstalled in the SAP Fiori and Full Stack Cloud Application dev spaces.



Visual Studio Code

Download the SAP Fiori tools extension pack in the Visual Studio Code marketplace.



<https://marketplace.visualstudio.com/items?itemName=SAPSE.sap-ux-fiori-tools-extension-pack>

SAP Fiori tools guides developers through the full cycle

Application Generator

Creates the project environment for development



Application Modeler

Visualizes the structure of the application: pages, properties, and navigation



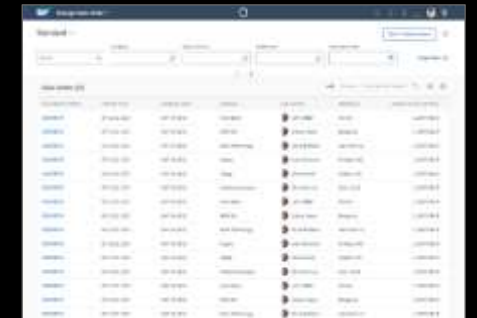
Guided Development

Provides step-by-step development instructions and generates code snippets in-line



Application Preview

Provides preview of web app in the browser either with mock data or live data



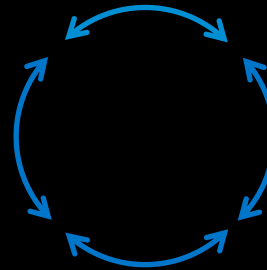
Service Modeler

Visualizes service entities, relations, properties, and annotations



Annotation LSP

Delivers a language server protocol for annotations with micro-snippets and diagnostics



Migrate, Enhance and Deploy an **SAP Fiori app using SAP Fiori tools**

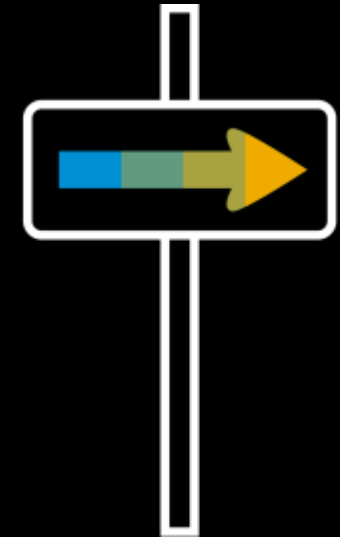


Migrate from SAP WebIDE

SAP Fiori tools provides a migration tool to help move your SAP Fiori projects from SAP Web IDE to either VS Code or SAP Business Application Studio

SAP Fiori tools helps migrate your existing projects to work with the tools

- Existing projects are auto-detected for migration
- Supporting both SAP Fiori elements and SAPUI5 freestyle projects
- Allows for the migration of multiple projects
- Project must have package.json or pom.xml to be selected for migration.
- Project must have a main data source specified in the manifest.json file

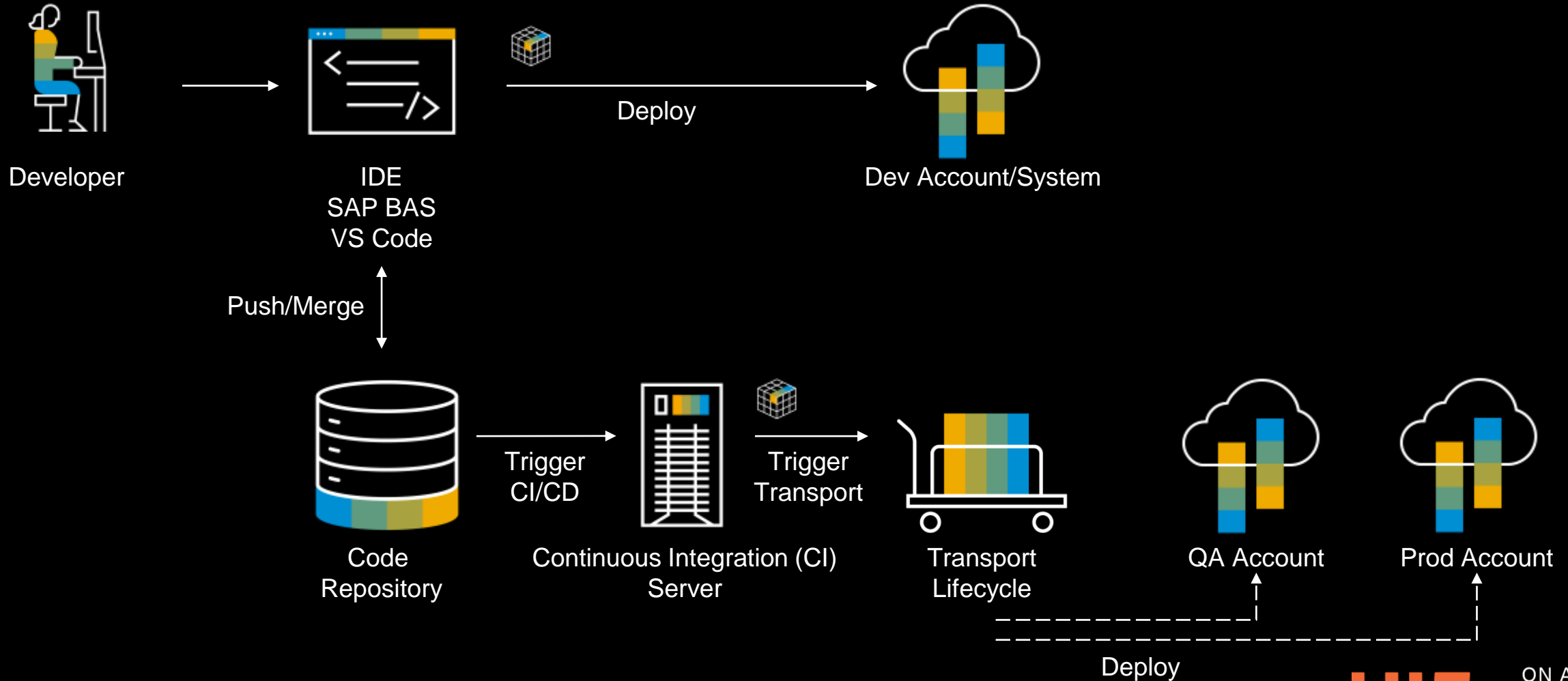


Demo

Migrating, Enhancing and Deploying
SAP Fiori apps using SAP Fiori tools



You can deploy manually or by using an automated pipeline (CI/CD)



SAP Fiori tools supports different options for deployment

SAP Fiori tools provides various options to deploy SAP Fiori applications to different target environments

SAP Fiori tools helps deploy to

- ABAP on-premise
- SAP Business Technology Platform, ABAP environment
- SAP Business Technology Platform standalone
- SAP Business Technology Platform as part of multi-target applications (MTA)

+ the tools help to add an SAP Fiori launchpad configuration



Deploy apps from SAP Fiori tools in two steps

1) Generate the deployment configuration

This creates or modifies .yaml deployment configuration using command

```
npx fiori add deploy-config
```



2) Run the deployment

Use command-line tools to run the actual deployment task

```
npm run deploy
```



Labs Preview: Low-code capabilities in application modeler



Low-code capabilities in application modeler*

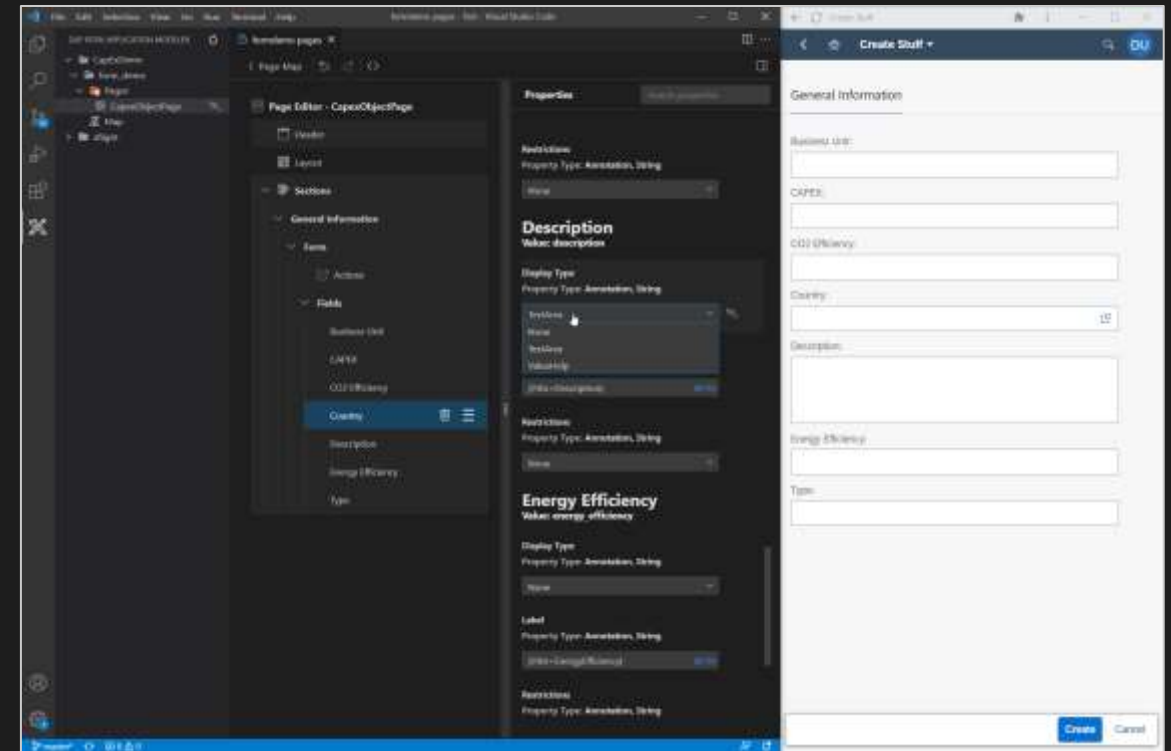
Labs
Preview

What is 'Low Code'?

- Create application software through a graphical user interface instead of traditional hand-coded computer programming

Current state of planning for 2021

- Generate local OData and CAP CDS annotations through graphical UI
- Simple scenarios in OData V4 only
- Supported floorplans:
 - Form **new**
 - List Report
 - Object Page



* This is the current state of planning and may be changed by SAP at any time without notice.

Labs Preview Demo

Low-code capabilities in application modeler



Thank you!

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