# Building SAP Fiori apps with flexible open-source modules



Tobias Queck, SAP Ashley Tung, SAP July 7<sup>th</sup>/8<sup>th</sup>, 2022



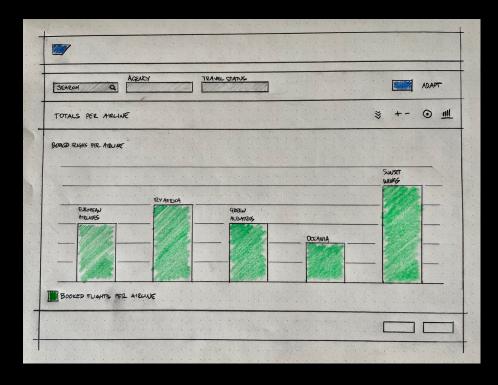
#### • Scenario / use case

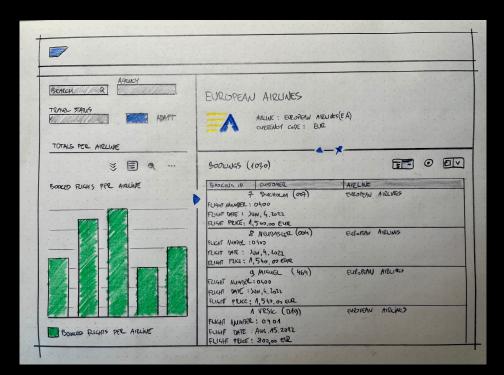
- Challenge when starting a new SAP Fiori app
- Simplifying SAP Fiori app development
- Standard SAP Fiori elements page types
- Flexible Programming Model
- Demo
- SAP Fiori tools open source strategy



#### Scenario / use Case for a new app

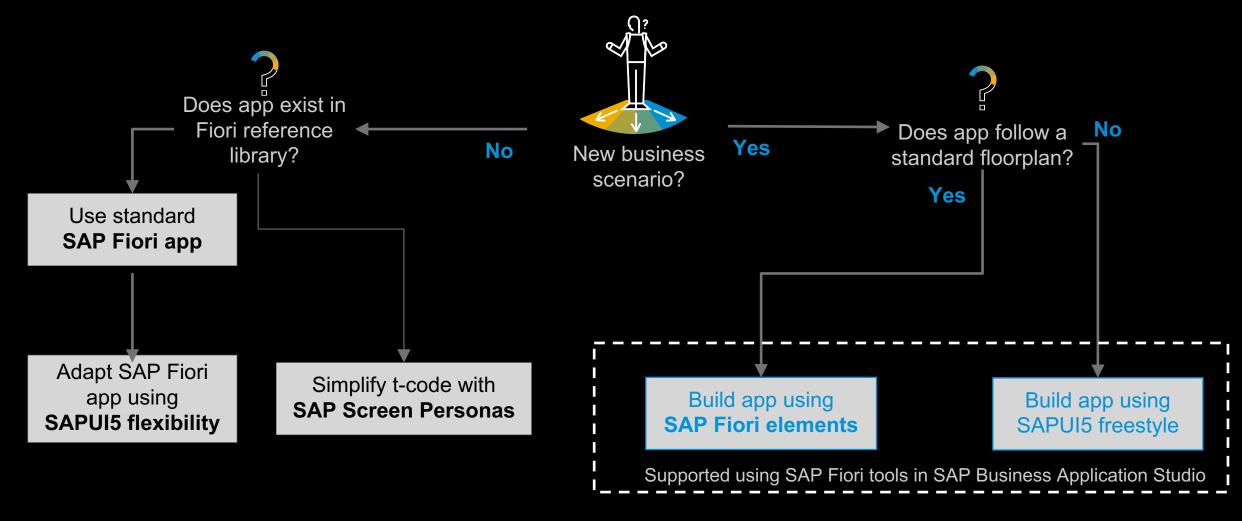
A developer using SAP Fiori tools asked for a recommendation on getting started to build a new SAP Fiori app. Her business manager wants to analyze the travel booking by agency and airline to better negotiate contract terms with agency and airline.





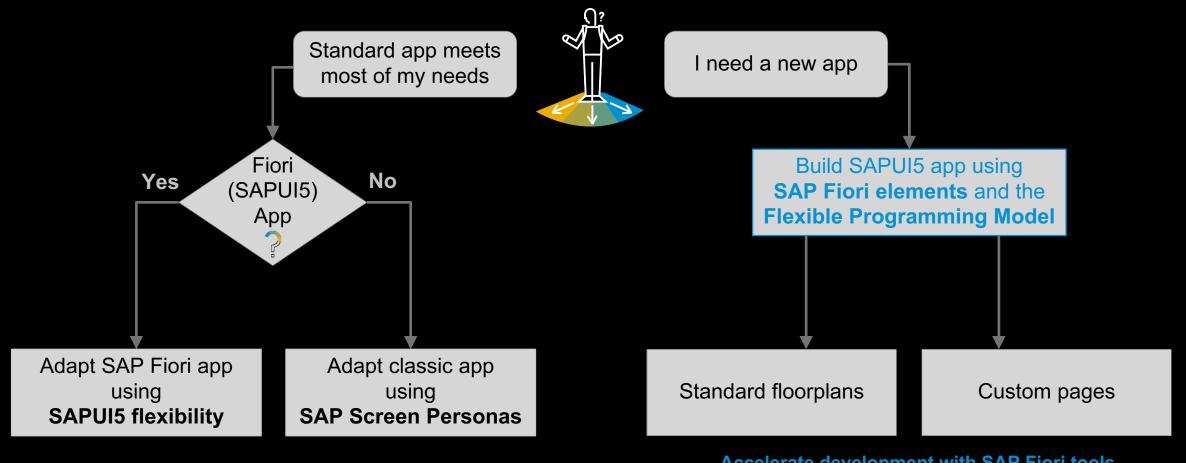
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#### You used to have to choose the development approach up front



### UI5con Hybrid®

#### The Flexible Programming Model simplifies SAP Fiori development



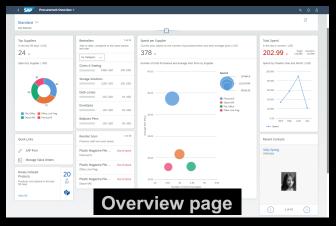
Accelerate development with SAP Fiori tools



#### SAP Fiori elements has five standard floorplans

Most use cases in the enterprise space involve providing an **overview**, **lists** of business objects and management of these business **objects**.

## Provide **overview** on business relevant data

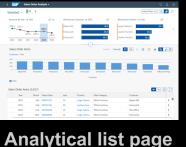


# Work on a **list** of business objects

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### Manage individual business **objects**

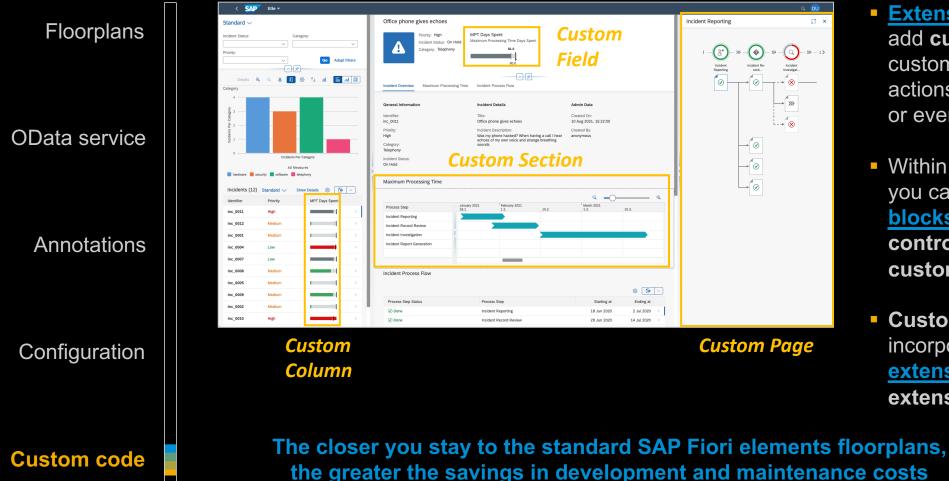
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****	Objec	t page	Unique and beautiful. Excellent quality. Great service. A great purchase, thank you! Not expensive for the quality. Great quality and exactly what was described.			
****	Annette Ev Ad 17, 2016, 3 LILLA FM	r pago	Honestly I have no clue what you had in mind when choosing to offer this product. I should have need the reviews that warned about how short, or small, this product is. Hornbiel Unsatisfied in wwwy way! Net			



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#### Custom code complements your app beyond standard SAP Fiori elements

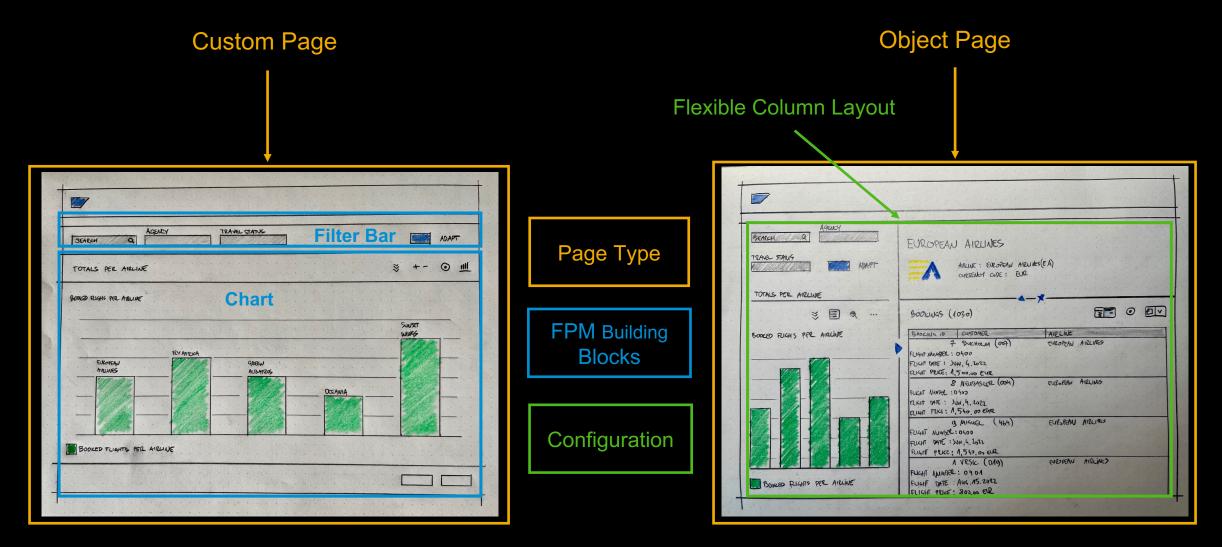


- Extension points allow you to add custom artifacts like custom sections, custom actions, custom table columns, or even custom pages.
- Within these custom artifacts you can leverage <u>building</u> <u>blocks</u> (OData V4), smart controls (OData V2) or custom controls
- Custom logic can be incorporated using <u>controller</u> <u>extensions</u> specified in the <u>extensionAPI</u>

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### Making a wire frame is a great way to visualize the app

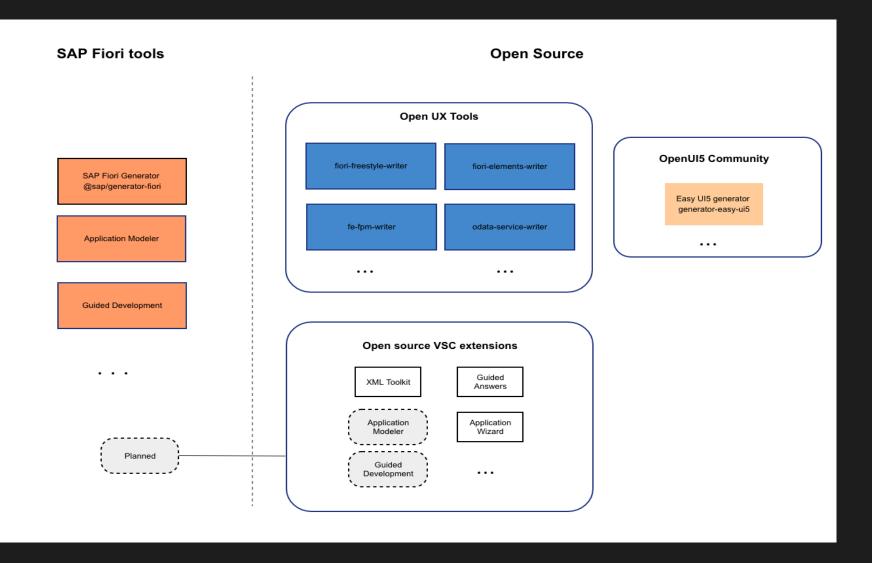


### UI5con HYBRID





#### We are making parts of SAP Fiori tools open source



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