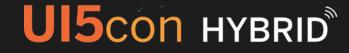
Building SAP Fiori apps with flexible open-source modules



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



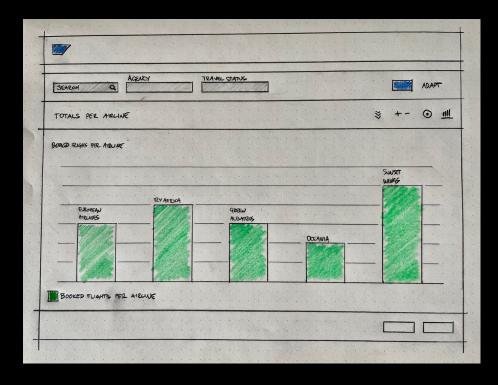
• Scenario / use case

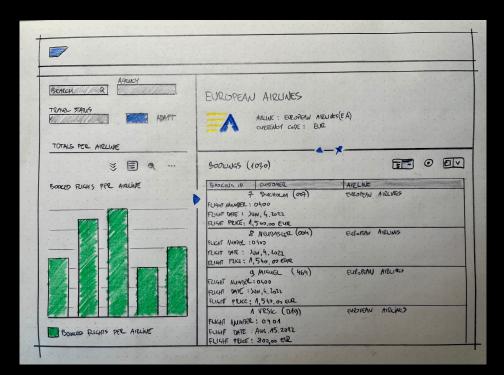
- Challenge when starting a new SAP Fiori app
- Simplifying SAP Fiori app development
- Standard SAP Fiori elements page types
- Flexible Programming Model
- Demo
- SAP Fiori tools open source strategy



Scenario / use Case for a new app

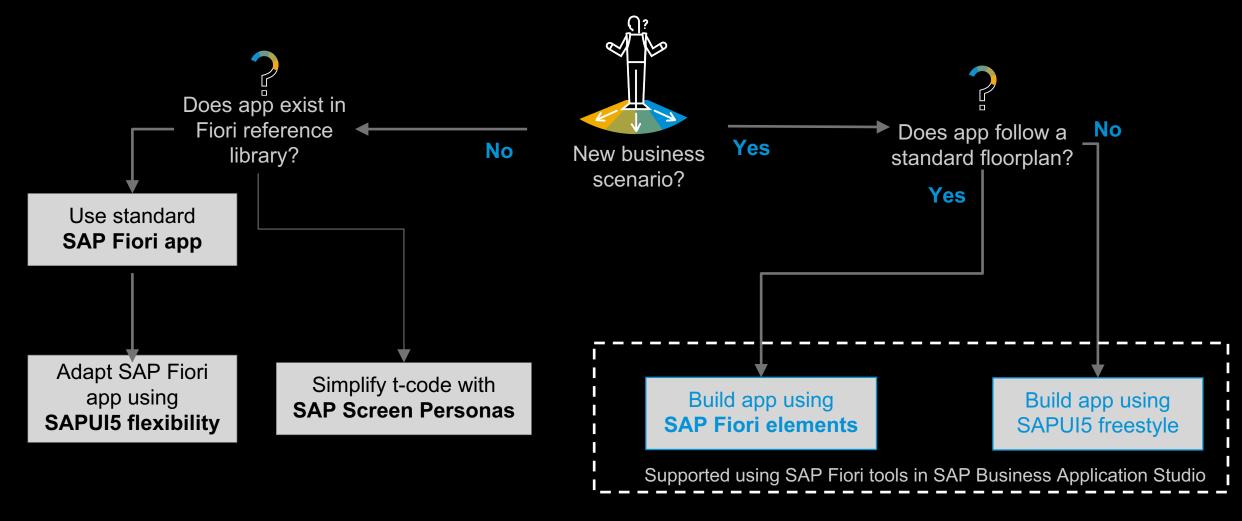
A developer using SAP Fiori tools asked for a recommendation on getting started to build a new SAP Fiori app. Her business manager wants to analyze the travel booking by agency and airline to better negotiate contract terms with agency and airline.





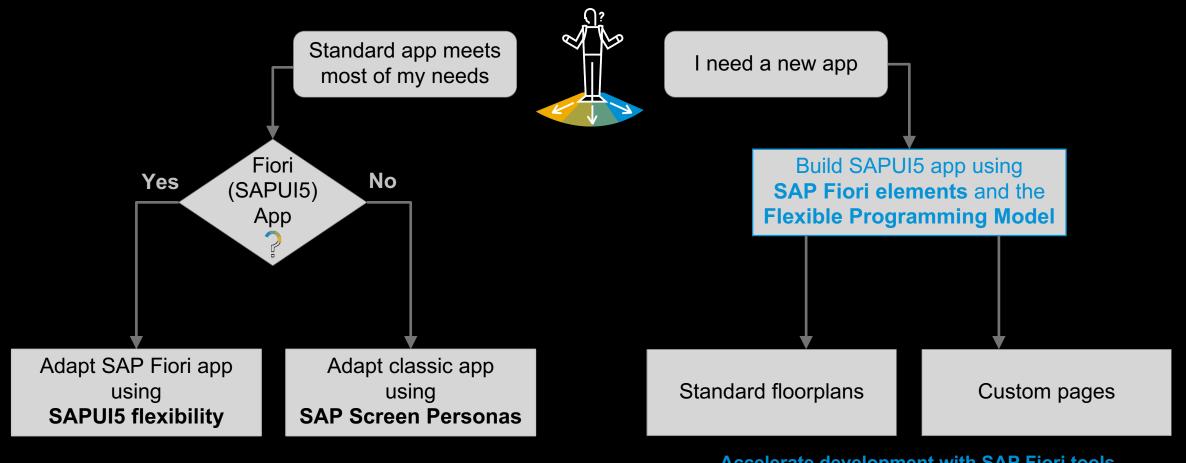
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You used to have to choose the development approach up front



UI5con Hybrid®

The Flexible Programming Model simplifies SAP Fiori development



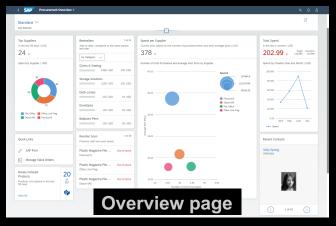
Accelerate development with SAP Fiori tools



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

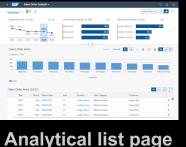


Work on a **list** of business objects

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		-	EP-WM-1000	Block-Bottom Paper Carrier - Pack of 250	Wapping Material	Regular Custom Ltd	*****	45.	oo uso	Assign Supplier	2
			PP-SN-1005	Bookmark Sticky Notes - assorted	Sticky Notes	Depot-448	*****	5	60 USD	Assign Supplier	
			EP-88-2004	Brown Packaging Tape	Bases & Bax Tape	Depot-440	*****	3.	40 USD	Assign Supplier	>
			EP-E-1004	Babble-lined Envelopes - Box of 100	Envelopes	Office-Guru AG	*** **	29	90 USD	Anign Supplier	>
			EP-E-1000	Business Envelope - Box of 250	Envelopes	Mein Ressort GmbH	*****	12	45 USD	Anign Supplier	>
		-	EP-E-1001	Business Envelopes with Windows	Envelopes	Mein Ressort GmbH	****	12	45 USD	Assign Supplier	
			EP-88-1003	Cardboard Malling Tube	Boxes & Box Tape	Mein Ressort GmbH	****	19.	99 USD	Assign Supplier	
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Manage individual business **objects**

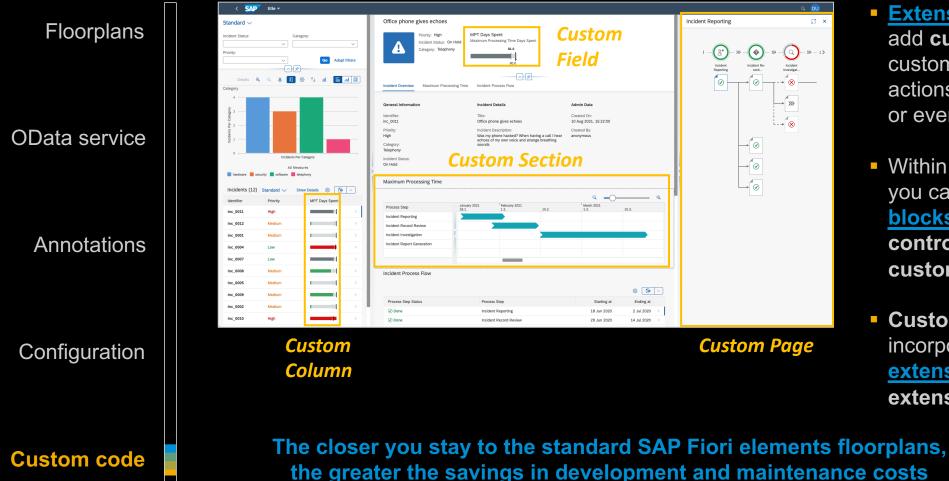
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Name: Bookmark Sticky Notes - assorted	Suppler: Depot-441	Width: 43.500 mm	Created Dr: Jan 1, 2017, 1:00:00 AM			
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****	Shert Stillyel Apr 18, 20		Reading these reviews, I really had to wonder if I had bought the same product. So expensiveyou can buy the same product for less money : Design Fail Not a happy customer. The description is wrong, I sent it back			
****	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

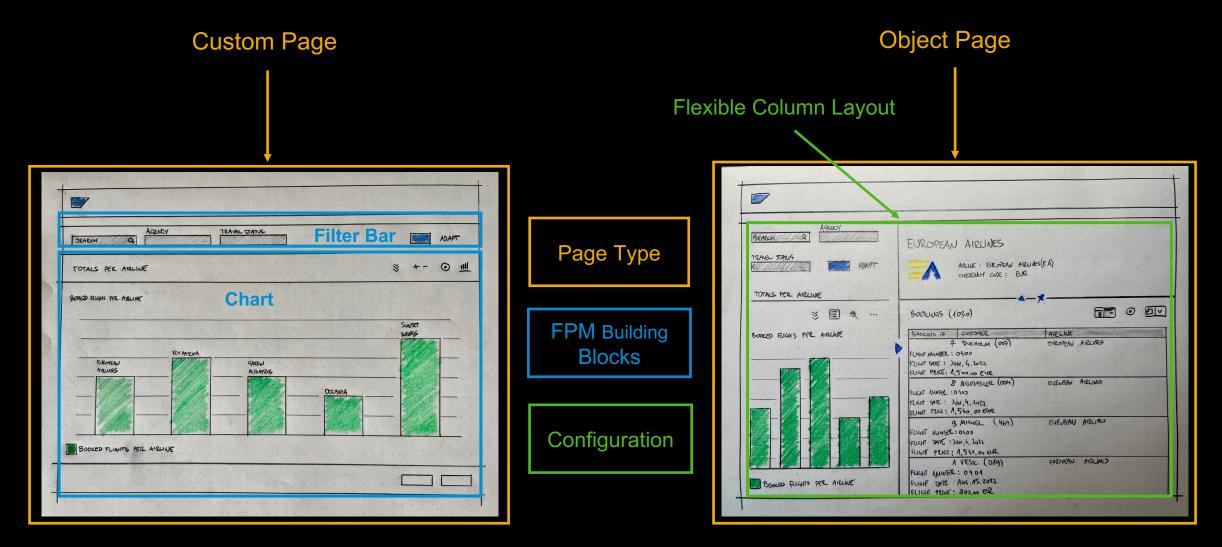


- Extension points allow you to add custom artifacts like custom sections, custom actions, custom table columns, or even custom pages.
- Within these custom artifacts you can leverage <u>building</u> <u>blocks</u> (OData V4), smart controls (OData V2) or custom controls
- Custom logic can be incorporated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

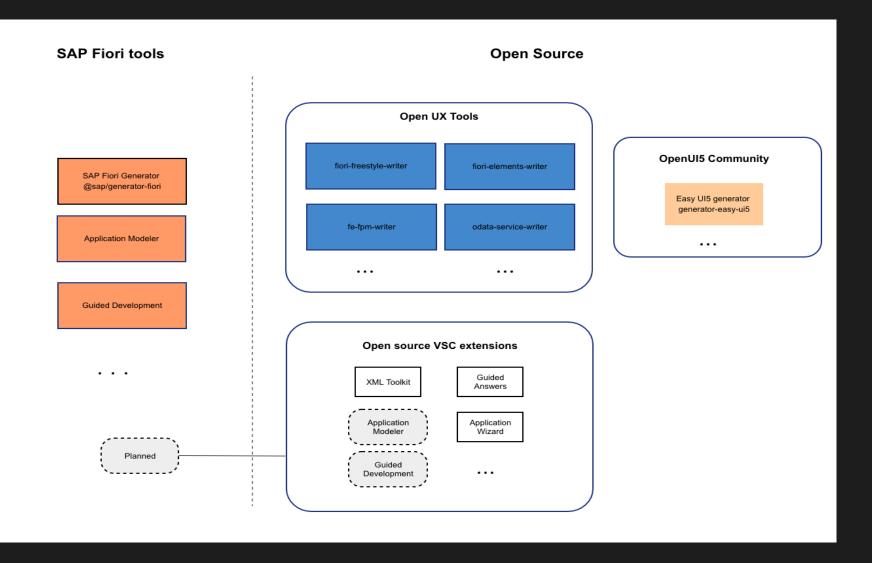


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We are making parts of SAP Fiori tools open source



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