

MASTERINGSAP

An SAPinsider Company

Mastering SAP Collaborate

22 - 23 May, 2023

Crown Promenade, Melbourne

Fiori Flexible Programming Model

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A Quick Review

Fiori provides

- A consistent design system
- Extensive set of components
- Floor plans for common scenarios
- Build quickly with excellent tooling

Unlocking Flexibility

- Standardise v Customise balance
- Initial development v Iterative Development
- Maintainability and Scalability

Maximising Value

- Completely custom coding is expensive
- Cost effective development
- Enhanced user experience and productivity
- Use the power of the ecosystem

Practical Application

When should I use FPM?

Start with Fiori Elements & extend when you need to

Some Examples:

- Adding a PDF view
- Adding a Map view
- Adding Custom Logic

Flexible Programming Model Ex

Resources - Demo Kit - SAPUI5

sapui5.hana.ondemand.com/#/resources

UI5 Demo Kit

Search Anything

Version 1.123.2

Home

Documentation

API Reference

Samples

Demo Apps

Resources

UI5 Tooling is a state-of-the-art modular toolchain to develop UI5 projects by consuming UI5 via npm. It is an open-source, modular, configurable, and extensible CLI to efficiently develop apps, libraries, and reuse components with the UI5 framework.

Check out UI5 Tooling on GitHub

Card Explorer

Integration cards are a great way to provide business content for users on widget-like cards on home pages or dashboards. The Card Explorer shows you everything you need to know to implement them.

Check out UI Integration with cards

Flexible Programming Model Explorer

The flexible programming model makes it easy for you to tailor applications to your own particular needs when using SAP Fiori elements for OData V4.

Check out the FPM Explorer

Support Assistant

Test Recorder

Theme Parameter Toolbox

UI Theme Designer

UI5 Inspector

UI5 Tooling

wdi5

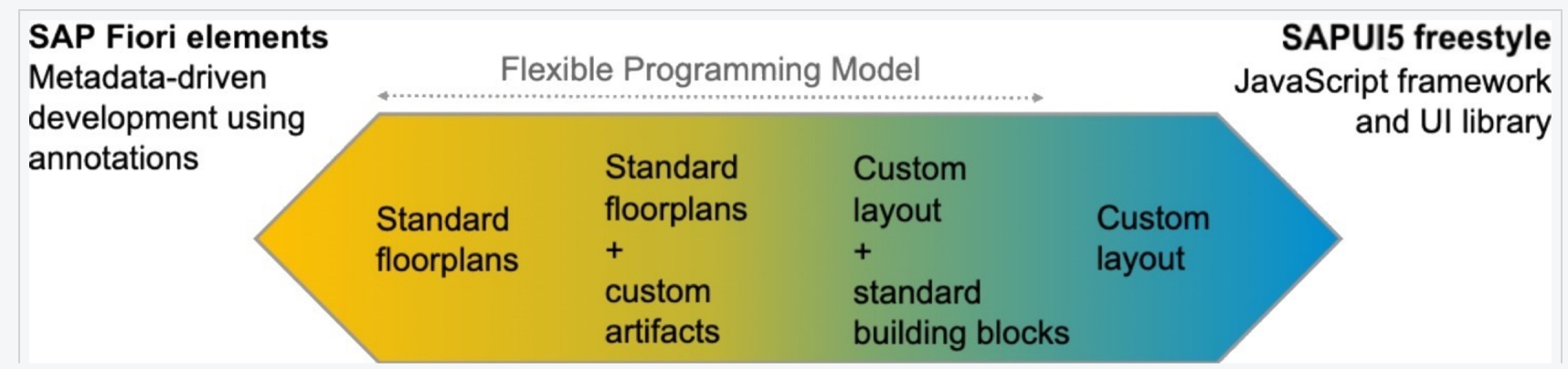
Overview

Flexible Programming Model

SAP Fiori elements for OData V4 offers multiple ways to extend applications according to your specific requirements. The flexible programming model provides a range of options for this, eliminating the need for a rigid choice between SAP Fiori elements and freestyle SAPUI5 development.

While you have the freedom to use any SAPUI5 coding or controls in extension points, you can also make use of our building blocks and controller extensions to enhance your application.

You can even create a custom app that runs on the SAP Fiori elements framework, where all pages are treated like custom pages.



Extension Points

- Similar to ABAP User exits
- Allow you to add your own ui

Building Blocks

- SAP Fiori Compliant
- Include standard features like draft handling
- Driven by Metadata
- Extensible

Controller Extensions

- Extend your application
- Add new methods
- Override existing methods
- Separated from other standard code so they are upgrade safe

Summary

- Standard
- Extensible
- Flexible
- Maintainable

References

- [FPM Explorer](#)
- [SAP Community Blog](#)
- [You Tube Playlist](#)
- <https://learning.sap.com/learning-journeys/developing-an-sap-fiori-elements-app-based-on-a-cap-odata-v4-service>

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