

UI5con

Evolving Developer Extensibility with SAPUI5 Flexibility

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**Have you tried to extend
SAP Fiori application?**



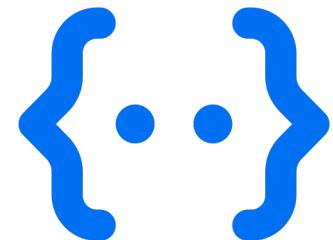
Why?



SAP delivers
thousands of
standard apps^[1]



Customers still ask
for more because
of their **diverse**
use cases

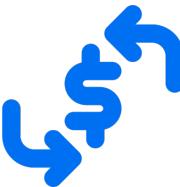


“I can just build a
custom app!”

[1] [Fiori Reference Library](#)

Extending Apps vs Building Custom

Can be more cost-efficient



Can be expensive and more

Typically no-code or low code



Typically pro-code, more knowledge required

Only very simple use cases supported



More opportunities, more flexibility

When to use what?

1 

“Is there a standard application for my requirement?”

Check [Fiori Reference Library](#)

2 

“Can I extend this standard application?”

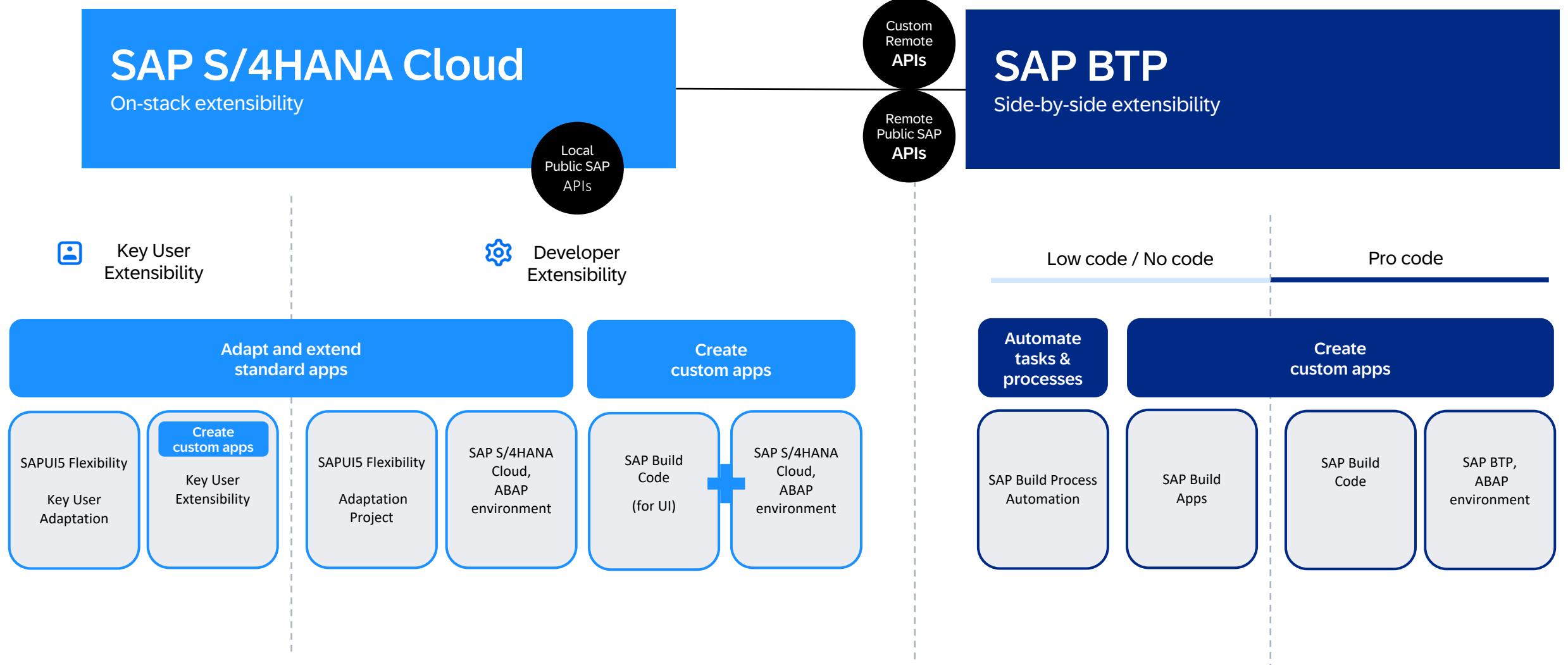
Use [SAPUI5 Flexibility](#) & S/4HANA [extensibility tools](#)

3 

“I have a unique requirement”

Build custom Fiori application on-stack ([ABAP Cloud](#)) or side-by-side on SAP BTP ([ABAP Cloud](#) or [CAP](#))

How to extend SAP S/4HANA Cloud

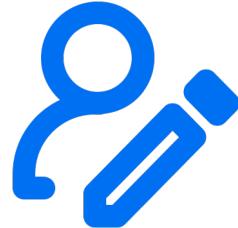


Different personas and their needs

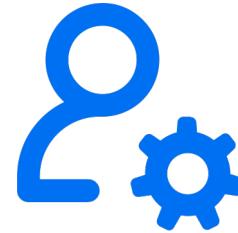
End User



Key User



Developer



“I **personalize** apps for myself.”

[SAPUI5 flexibility – All you need to know](#)

“As a **business expert**, I **adapt** apps for my **line of business**.”

Try it yourself: <https://ui5.sap.com> > Demo apps > SAPUI5 flexibility demo apps

“I **develop** new or change existing apps **for everybody**.”

Adapting UIs – How?

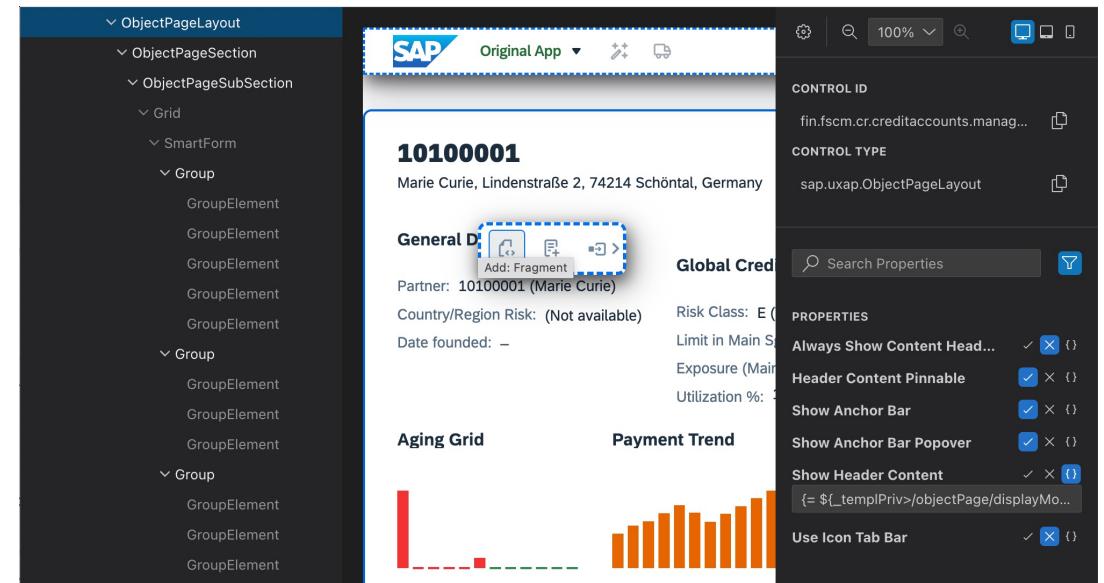
Key User Adaptation



No-Code: At runtime within SAP Fiori Launpad

vs

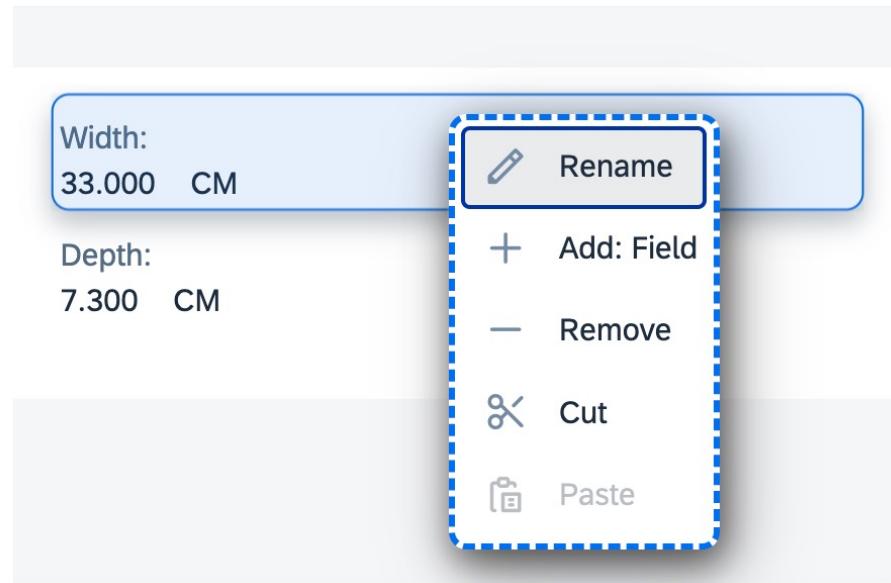
Developer Adaptation



Low-/Pro-Code: in IDE (BAS / VS Code)

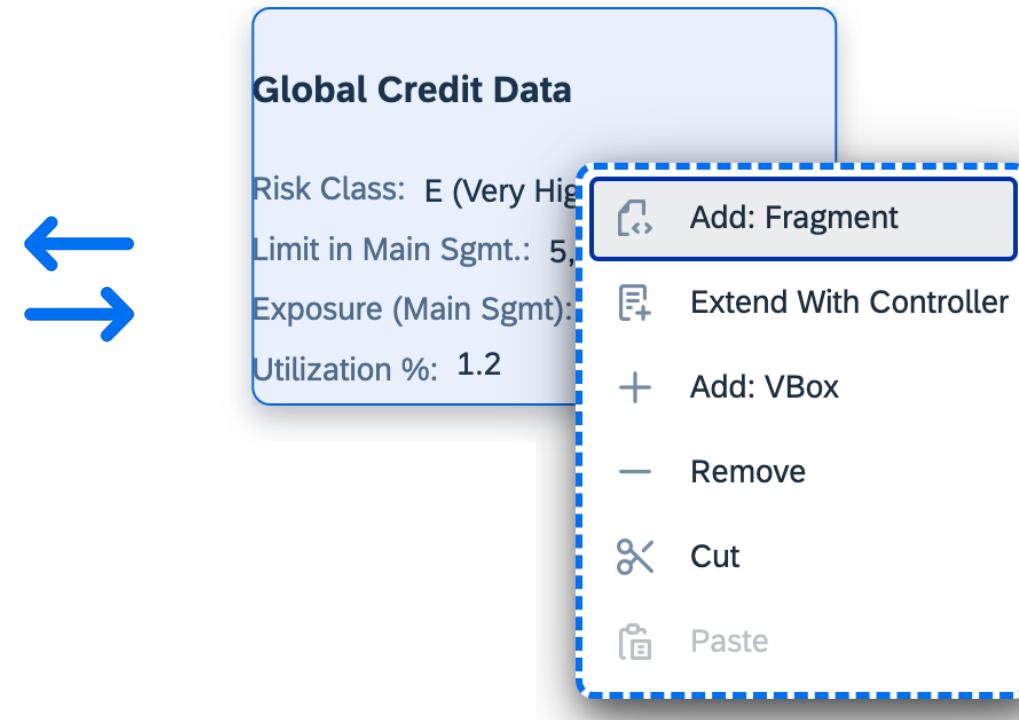
Adapting UIs – What?

Key User Adaptation



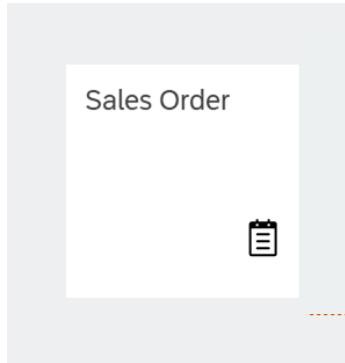
vs

Developer Adaptation



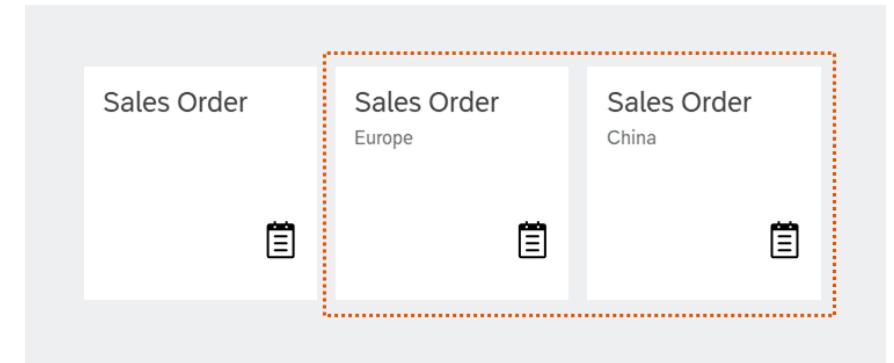
Adapting UIs – Result?

Key User Adaptation



vs

Developer Adaptation



Same app, only adapted
for everyone
or for dedicated user roles

Application variant
replacing or in addition to original



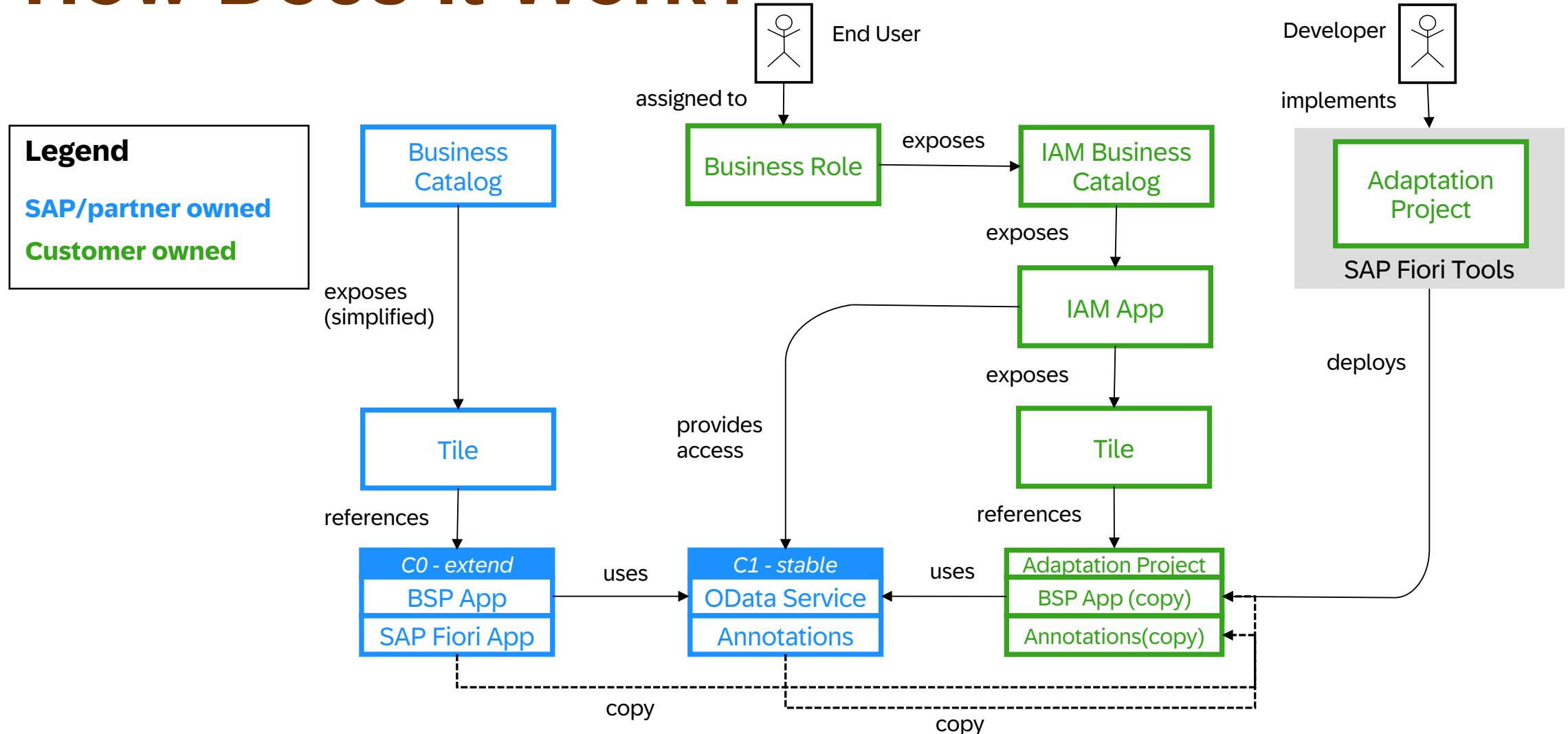
Demo time! [Labs Preview](#)

Improved Developer adaptation editor experience

Availability

	 ABAP platform, SAP NetWeaver platform	 SAP S/4HANA Cloud & SAP BTP, ABAP environment	 SAP BTP, Cloud Foundry environment
At runtime in SAP Fiori launchpad	 <ul style="list-style-type: none">✓ End user personalization✓ Key user adaptation	<ul style="list-style-type: none">✓ End user personalization✓ Key user adaptation	<ul style="list-style-type: none">✓ End user personalization✓ Key user adaptation
At design time in SAP BAS adaptation project	 <ul style="list-style-type: none">✓ Developer adaptation	<ul style="list-style-type: none">✓ Developer adaptation2402 S/4HANA Cloud2405 Steampunk	<ul style="list-style-type: none">✓ Developer adaptation

How Does It Work?



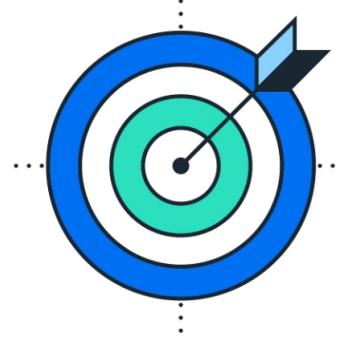


Demo time!

Developer adaptation for S/4HANA Cloud, Public Edition

Benefits of SAPUI5 Flexibility

Facilitates a **cost-efficient UI change process** for extending apps



Provides **intuitive tooling** tailored for different skillsets – from **no-code to low-code**

“Clean Core” – lifecycle-stable and modification-free UI changes



Generic framework capability allows **massive scales** automatically to all UI5 stakeholder

Flex for Custom Apps

Why?



New requirements will arise over lifetime of the app. Adapting app is often cheaper than a new development project



Dev efficiency when building multiple similar UIs e.g. for different business roles, countries or use cases

How?



[Enable your app](#) for SAPUI5 flexibility: use stable IDs and few other simple rules



Integrate into S/4HANA Fiori Launchpad or SAP Work Zone or run standalone in SAP BTP and subscribe to [UI5 Flexibility for Key Users service](#)!

Recent Achievements

- Microsoft VS Code support for Adaptation project added via Fiori Tools extension pack (S/4HANA on-premise systems)
- Automatic migration of Adaptation & extension project from SAP Web IDE to SAP BAS
- Adaptation project wizard automatically detect legacy applications and create extension projects for them
- Support for S/4HANA Cloud, Public Edition released

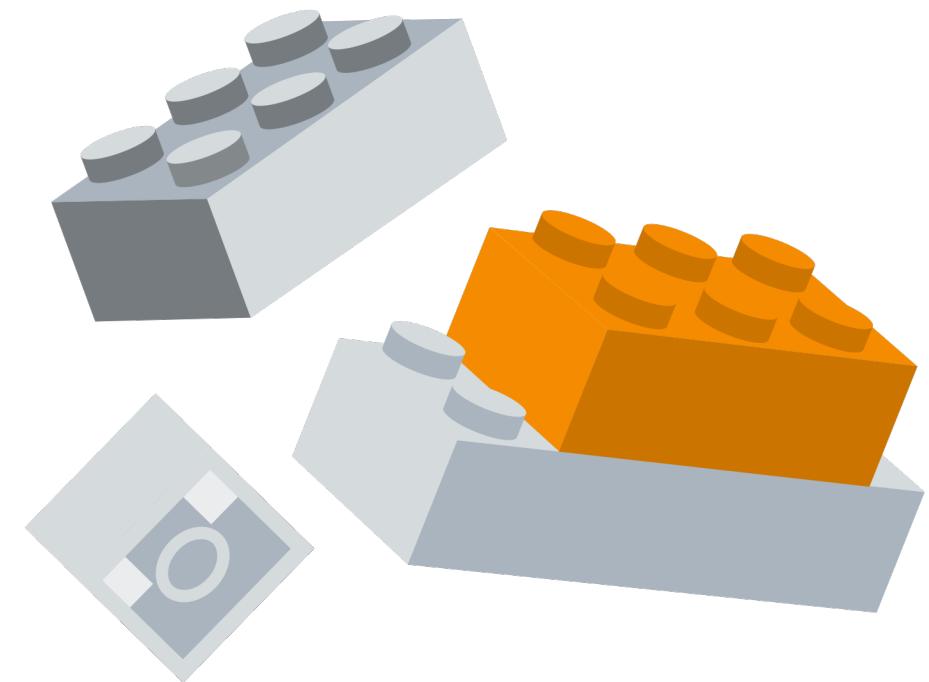
What's Coming Next?

- Unifying BAS and VS Code adaptation projects with improved experience of Adaptation Editor
- Developer adaptation for custom apps on SAP BTP
- GenAI support: Joule integration for XML and controller extensions
- Improved adaptation experience for common use-cases

Join Our Hands-On!

15:10 in W3

Try out the improved experience
of Adaptation editor!
(lab preview)

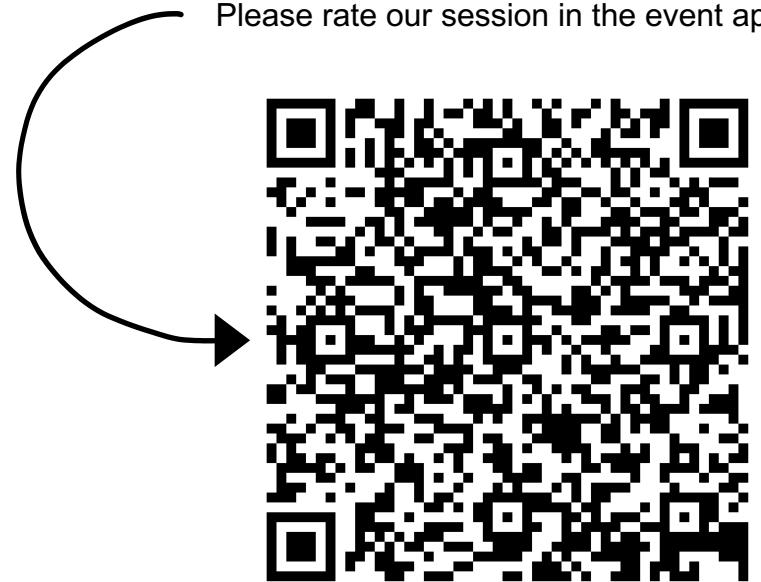


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Thank you!

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Q&A