

UI5con

Mastering the Art of Adaptation

What's New in SAPUI5 Flexibility

Angelika Kirilin, Dominik Stork, Christian Voshage

Agenda

Intro / Demo

What's New

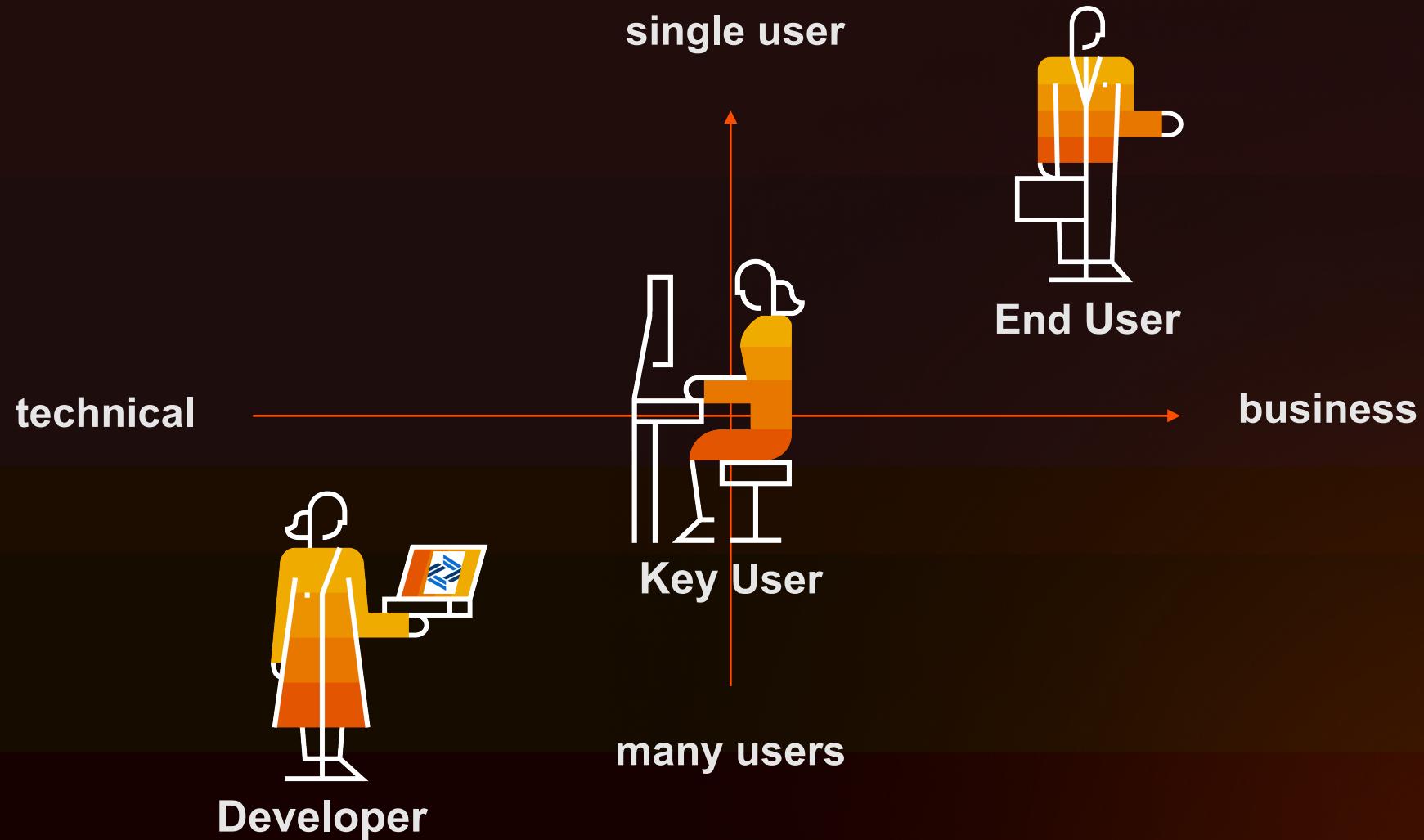
Techy Details

Why Flex?

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Different needs



Intro / Demo

What's the benefit?

Facilitates cost-efficient UI change process for extending apps



Provides intuitive low-code/no-code tooling tailored to the needs of target personas



Ensures lifecycle-stable and modification-free UI changes based on deltas



Generic framework capability allows massive scales automatically to all UI5 stakeholder

What's New

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Versioning

**Work in the productive environment?
Drafts!**

**Want to know what happened?
Version history!**

**Want to work on your next increment already?
Publish an older version!**

**Want to compare and go back?
Switch between versions!**

Adapting UIs for specific user groups

Work on the same app with multiple use cases?
Adaptations!

Want to automatically assign the correct view to your user?
Prioritization!

Want to edit or delete your changes?
No problem!

Want to compare and go back?
Switch between adaptations!

Adapting UIs for specific user groups



Sales

Availability	Price
In stock	449,99 USD

[Reviews](#) [Inventory Information](#)

Rating	Reviewed	Review Text	Helpful
★★★★★	05.12.2016	Abhorreant eloquentiam eam, vis natum solet et. Te mollis equidem liberavisse ius, in ius iudico eirmod option. Atqui errem clita eu ius. Tantas dictas id mei, ad pro commodo urbanitas. No consultatu theophrastus pri. Id eleifend evertitur vulputate duo, ex labores salutandi his. Nulla elitr oratio ut usu, qui interesset necessitatibus ut. Sea cu deleniti indoctum persecuti, agam eligendi sit ei. An vis civibus offendit incorrupte, mel ne dicam corrumpt. An qui prompta aliquid.	Is helpful (1)
★★★★★	Pascale Monty-Demers 04.12.2016	Animal abhorreant eloquentiam eam, vis natum solet et. Te mollis equidem liberavisse ius, in ius iudico eirmod option. Atqui errem clita eu ius. Tantas dictas id mei, ad pro commodo urbanitas. No consultatu theophrastus pri. I.	Is helpful (11)
★★★★★	04.12.2016	Eirmod option. Atqui errem clita eu ius. Tantas dictas id mei, ad pro commodo urbanitas. No consultatu theophrastus pri. Id eleifend evertitur vulputate duo, ex labores salutandi his. Nulla elitr	Is helpful (1)



Inventory

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[Inventory Information](#)

Stock Data				
Stock Bin Number	Department	Stock Levels	Lot Size	Ordered Quantity
0200000000	SALES-NA	<div style="width: 111px;"><div style="width: 37px;"></div></div> 37	111,000 EA	0,000 EA
0200000000	SALES-NA	<div style="width: 111px;"><div style="width: 37px;"></div></div> 37	111,000 EA	0,000 EA
0200000001	MARKETING	<div style="width: 111px;"><div style="width: 37px;"></div></div> 37	111,000 EA	0,000 EA
0200000001	MARKETING	<div style="width: 111px;"><div style="width: 37px;"></div></div> 37	111,000 EA	0,000 EA

Visualization

**What has changed in the application?
Details about individual changes and overview!**

**Want to collaborate with other key users?
See what they're up to!**

**Looking for a particular change?
Filter the changes according to type and state!**

Techy Details

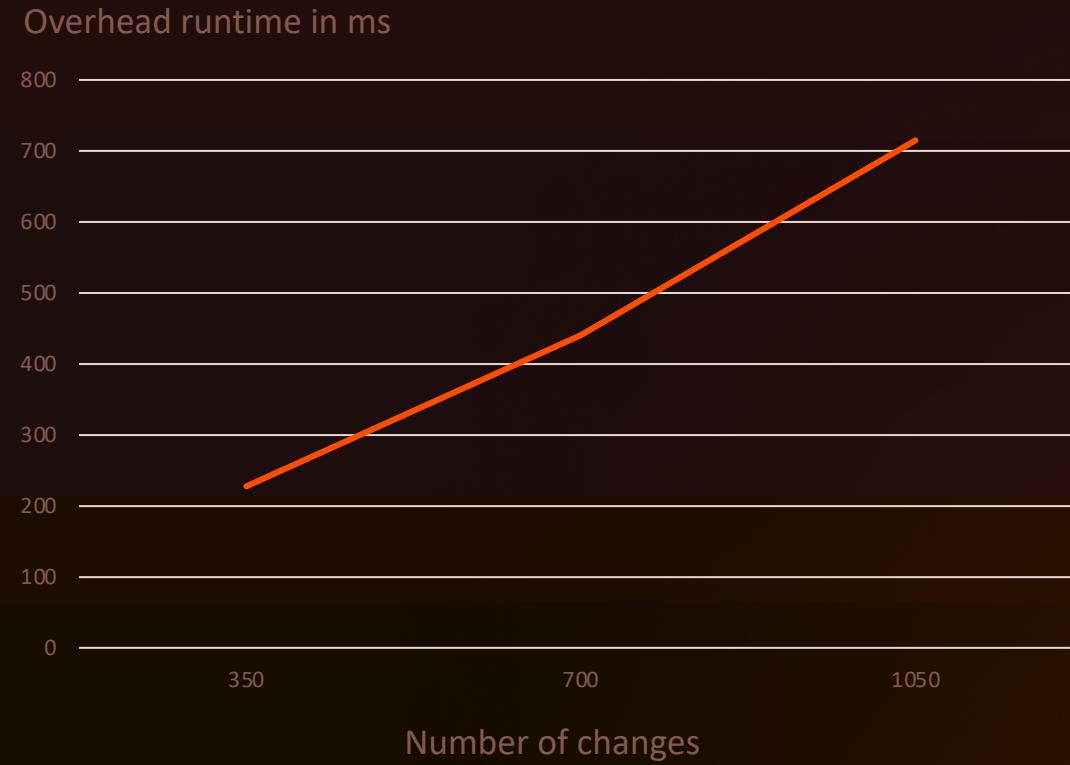
How to enable flex?

**Make your controls recognizable
Stable IDs!**

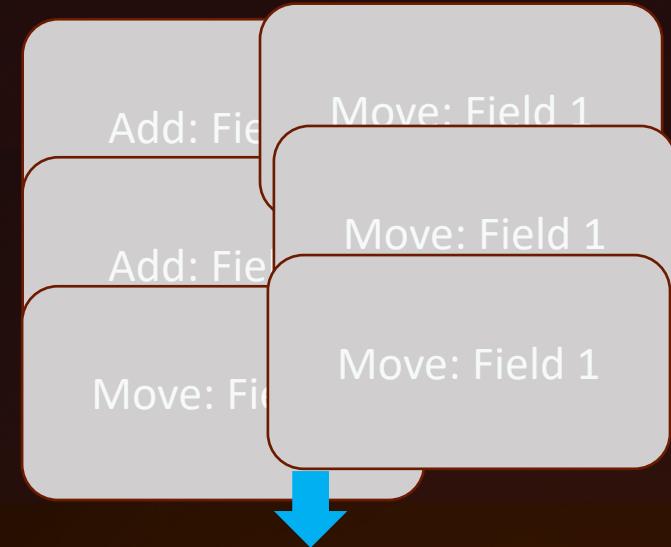
**Have a flex-capable back end
FLP or CF service!**

**Beware the control lifecycle
Beware the race conditions!**

Performance



Condensing



last-one-wins

reverse

update

index-relevant changes

What's Next

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What's Next

Upcoming for Adaptation Project

Availability in VSCode

- Adaptation project is currently planned for to be available for VSCode in 23Q4
 - All the same features for create/preview/edit/deploy will be available in VSCode

Support for more applications

- Adaptation Project will be soon able to create Extension projects for non-supported applications (in SAP Business Application Studio)

Availability for S/4HANA Cloud systems

- Adaptation Project will be soon available to be used for S/4HANA Cloud Systems and will give the opportunity to leverage Flexibility capabilities to a developer in this environment.

Resources

- What is SAPUI5 Flexibility? [Documentation](#)
- Versioning [blog post](#)

Thank you!

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