

UI5 Web Components

Version 1.0

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Agenda

UI5 Web Components **Story**

UI5 Web Components **in UI5**

UI5 Web Components **1.0**

UI5 Web Components **Ecosystem**

UI5 Web Components **Enterprise Qualities**

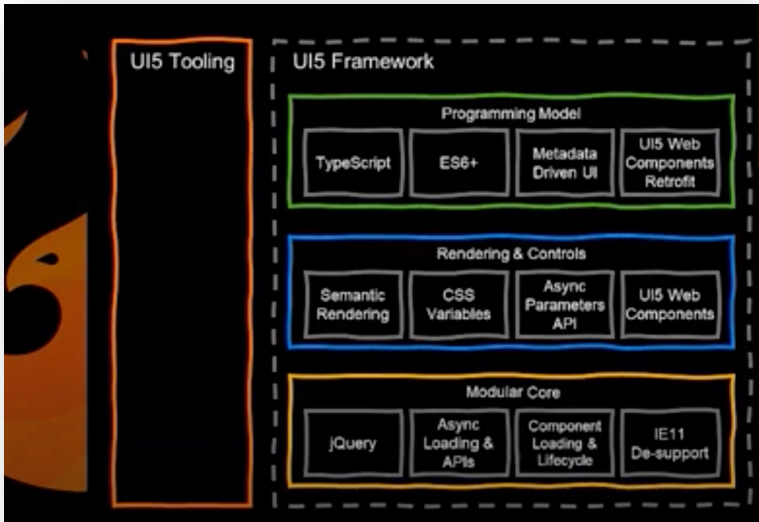
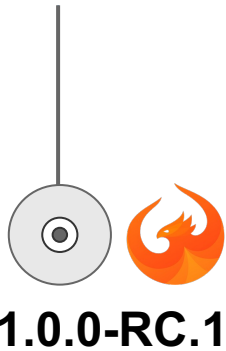
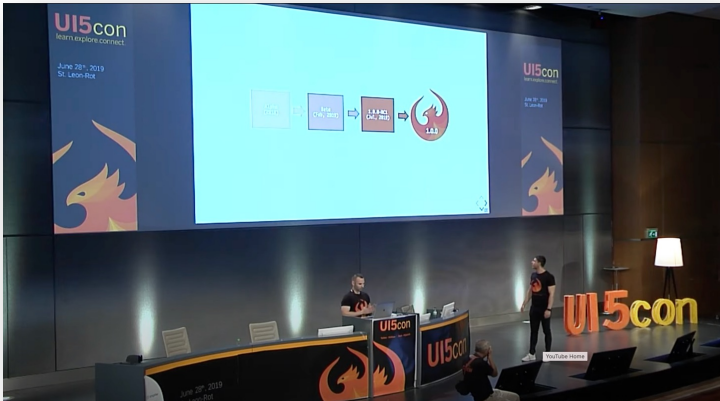
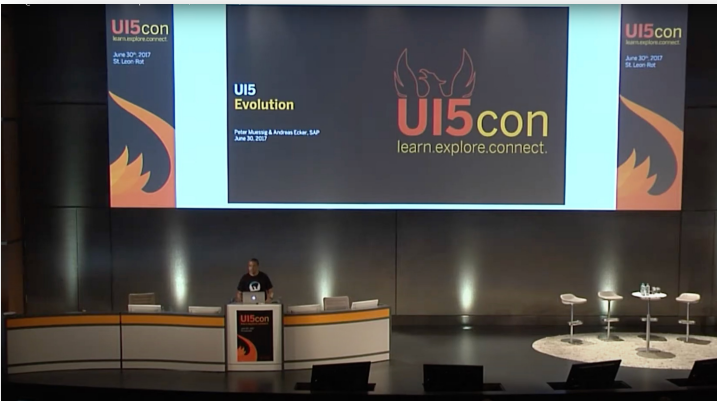
UI5 Web Components **Roadmap**

UI5 Web Components **in**    

Q & A

UI5 Web Components Story

UI5 Web Components Time machine



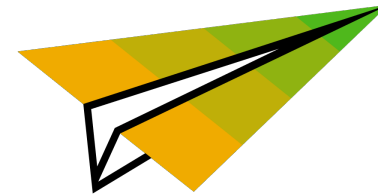
UI5 Web Components **in a Nutshell**



Easy to consume



Future-proof



Lightweight



Enterprise Ready

UI5 Web Components in a Nutshell



```
<h2>UI5 Web Components</h2>

<button>add</ui5-button>
<input />

<ul>
  <li>Apples</li>
  <li>Oranges</li>
  <li>Bananas</li>
</ul>
```

```
<ui5-title>UI5 Web Components</ui5-title>

<ui5-button>add</ui5-button>
<ui5-input></ui5-input>

<ui5-list>
  <ui5-li>Apples</ui5-li>
  <ui5-li>Oranges</ui5-li>
  <ui5-li>Bananas</li>
</ui5-list>
```

UI5 Web Components

add

Hello

- Apples
- Oranges
- Bananas

UI5 Web Components

+ add

Hello



Apples

Available >

Oranges

Re-stock >

Bananas

Re-stock >

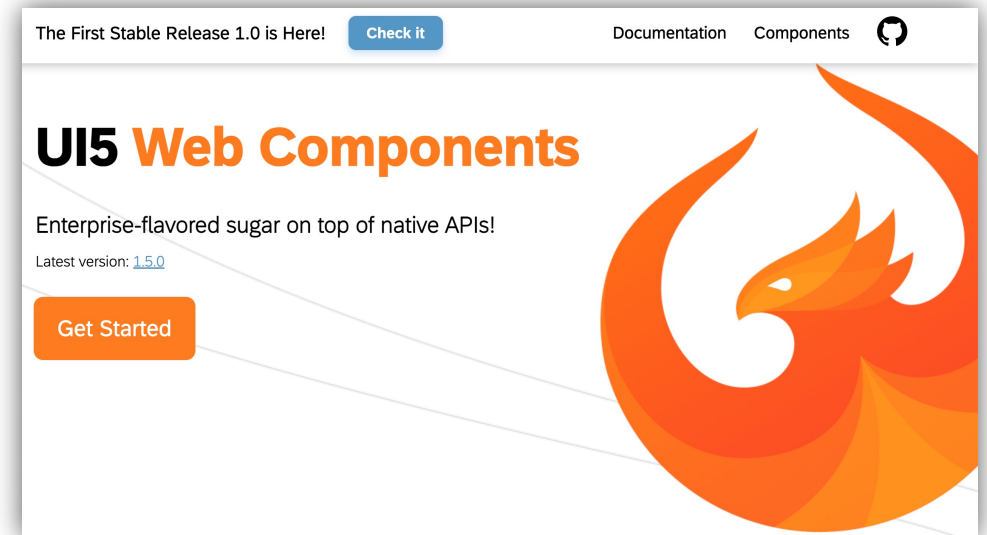
The **1.0** is here!

UI5 Web Components **Stable Release 1.0**



The Stable 1.0.0 Release

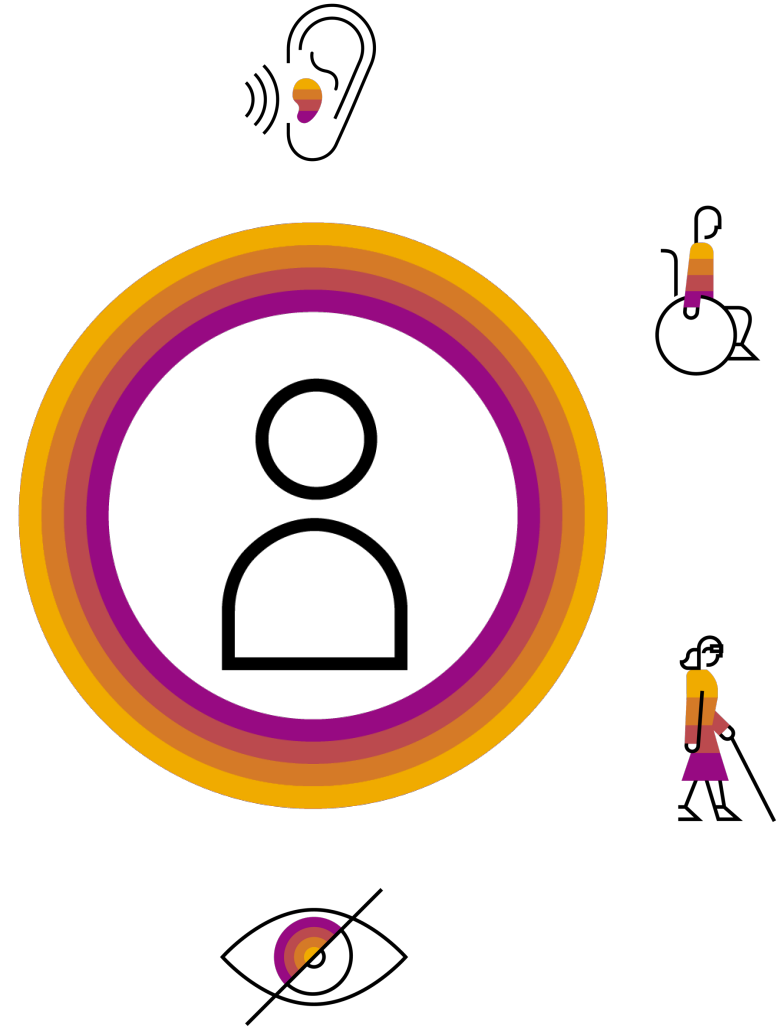
- New components and features
- SAP Fiori evolution: SAP Fiori Horizon theme
- New icons font (SAP Icons 5.0)
- Stable and future-proof APIs
- Accessibility: full fledge compliance and smooth experience
- Enriched documentation and tutorials



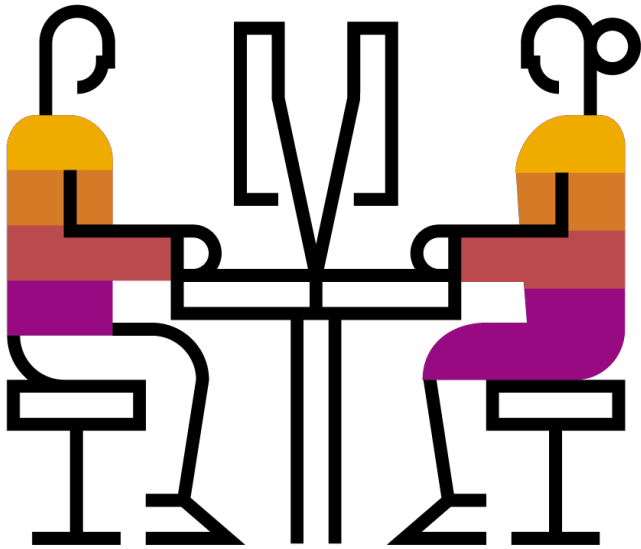
UI5 Web Components

Enterprise Qualities

Enterprise Qualities: Accessibility

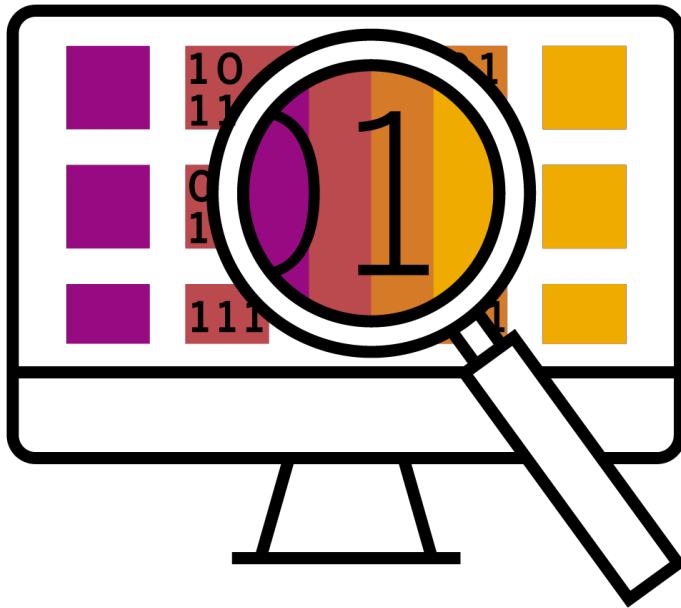


Accessibility: **Keyboard Handling**



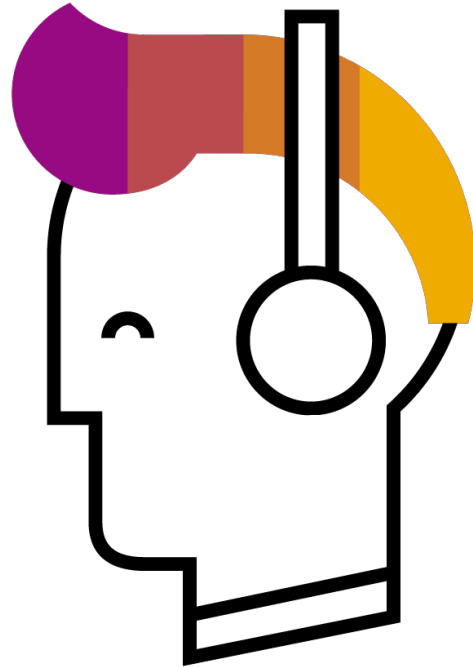
- Keyboard navigation and interaction
- Tab and Reading order
- Keyboard focus handling
- Fast Navigation (**F6**)

Accessibility: **Color Contrast**



- **Contrast Ratio in standard themes**
- **HCB/HCW themes**

Accessibility: Screen Reader



Enterprise Qualities: **Theming**



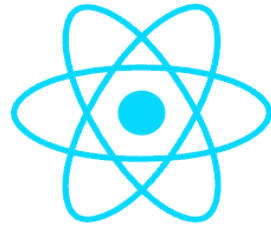
Enterprise Qualities: **Globalization**



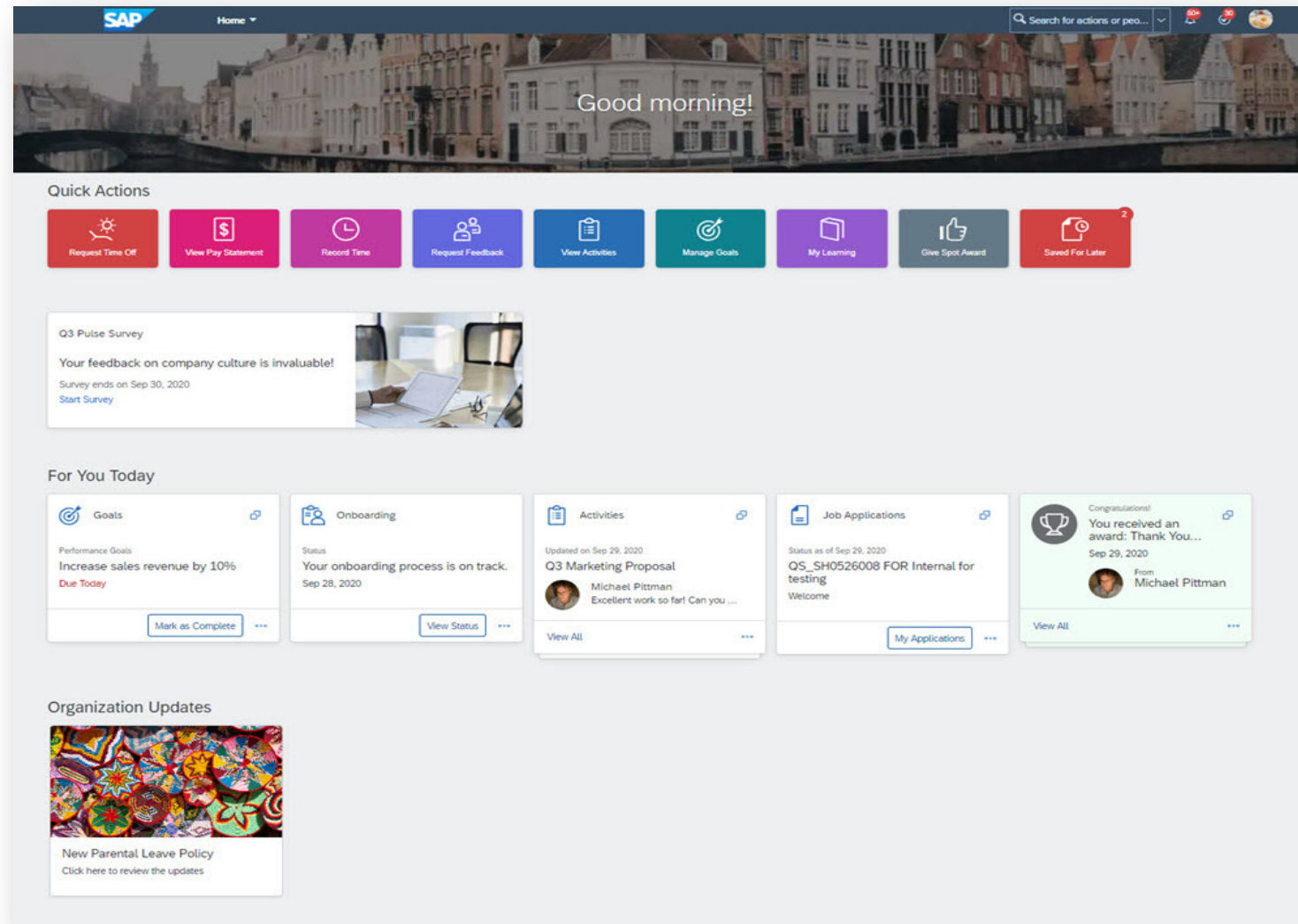
- Internationalization
- Localization
- Right-to-Left

UI5 Web Components in React, Angular, Vue, Svelte...

UI5 Web Components in React, Angular, Vue, Svelte...



UI5 Web Components in production



UI5 Web Components in UI5

UI5 Web Components in UI5



UI5 Web Components in UI5



The screenshot displays the SAP UI5 documentation interface. The top navigation bar includes links for Documentation, API Reference, Samples, Demo Apps, and Tools. The 'Samples' tab is active, showing a 'Sample: Panel' view. On the left, a sidebar lists various web components under the 'Web Components' category. The main content area shows a 'Fixed Panel with Message Strip' example, which includes a message strip with a blue background and white text. Below this, there are sections for 'Expanded Panel with List' and 'Collapsed Panel with Inputs'.

Web Components	
Avatar	1
Avatar Group	2
Badge	1
Barcode Scanner Dialog	1
Breadcrumbs	1
BusyIndicator	1
Button	1
Card	1
Carousel	1
Check Box	4
ComboBox	1
Dialog	1
Dynamic Side Content	1
Flexible Column Layout	1
Icon	2
Illustrated Message	1
Input	1
Label	1
Link	1
List	6
Media Gallery	1
Message Strip	1
Multi Combo Box	1
Multi Input	1

Fixed Panel with Message Strip

! Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonummy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonummy eirmod tempor invidunt ut labore et dolore magna aliquyam erat

▼ **Expanded Panel with List**

- First Item
- Second Item
- Third Item

▶ **Collapsed Panel with Inputs**

▶ **Collapsed Panel with custom header**

UI5 Web Components Ecosystem

Ecosystem: **UI5 Web Components for React**



- React wrapper of UI5 Web Components
- Extended component set + layouts + charts
- Ease the usage of Custom Elements in React



**UI5 Web Components
for React**

Ecosystem: Custom Web Component Development



@ui5/webcomponents-tooling

- Build + Test Infrastructure
- Create New Component quickly



Ecosystem: Custom Web Component `<ui5-tab-shellbar>`



SAP Application Development Lobby Store Monitor Settings

Quick Start

Create a Process Create a Form Create an Automation Create a sample Capital Expenditure application

All Projects (56) Search by Project name & description Create

Name	Versions	Type	Last Accessed	Collaborators
SAP SuccessFactors SDK The SuccessFactors SDK package is a collection of activities allowing you to easily automate SAP SuccessFactors.	5 Available Latest: 1.25.57	Business Process	Jun 22, 7:59 am	Everyone
SAPUI5 SDK The SAPUI5 SDK package is a collection of activities allowing you to create automations using SAPUI5.	4 Available Latest: 1.25.57	Business Process	Jun 22, 7:44 am	Everyone
Outlook Best Practices (mail)	1 Available	Business Process	Jun 21, 8:04 am	Everyone

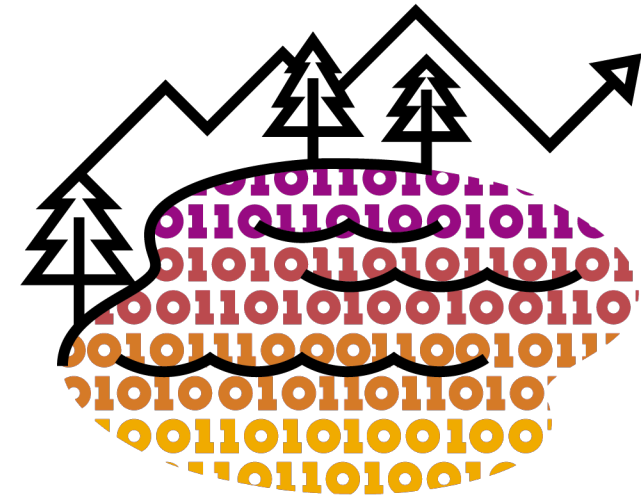
UI5 Web Components Roadmap

UI5 Web Components Roadmap



Our Future Plans Include

- New components and features (Menu Button, Advanced Table Web Component)
- Typescript support
- Custom Elements manifest
- Continue evolve with SAP Fiori
- Strengthening the UI5 Web Components usage in SAPUI5
- Have fun! :)



Q & A

Resources

- Playground

<https://sap.github.io/ui5-webcomponents/>

- GitHub

<https://github.com/SAP/ui5-webcomponents/>

- Reference apps

<https://ilhan007.github.io/ui5con-app/>

<https://sap-samples.github.io/ui5-webcomponents-sample-react/>

<https://sap-samples.github.io/ui5-webcomponents-sample-angular/>

<https://sap-samples.github.io/ui5-webcomponents-sample-vue/>

<https://sap-samples.github.io/ui5-webcomponents-sample-svelte/>

- NPM

<https://www.npmjs.com/package/@ui5/webcomponents>

Thank you!

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