



OpenUI5 Road Map

March 2019

PUBLIC

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About SAP road maps

Companies today are planning their digital journeys – transforming business models, reengineering business processes, and reimagining work.

SAP road maps highlight innovations that may help you plan and implement your digital journey. They span products relevant to lines of business in your industry and explain how our innovations may add value to your business.

In our road maps, you can learn about our innovations along four different timelines:

1. **Recent innovations** for our products that have been launched in the past weeks or months and can already be purchased
2. **Planned innovations** for our products that are intended to be launched in the short term or midterm
3. **Product direction**, providing a long-term perspective on high-level development plans for innovations for our solutions – inspired by your requirements
4. **Product vision**, providing a high-level and long-term business perspective on innovations for our products

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Product overview

- Product description
- Product portfolio

Vision and direction

- Key trends, customer needs, and customer needs
- Product areas of future investment
- Major updates on maintenance strategy
- Upcoming short-term and midterm innovations

Product innovations

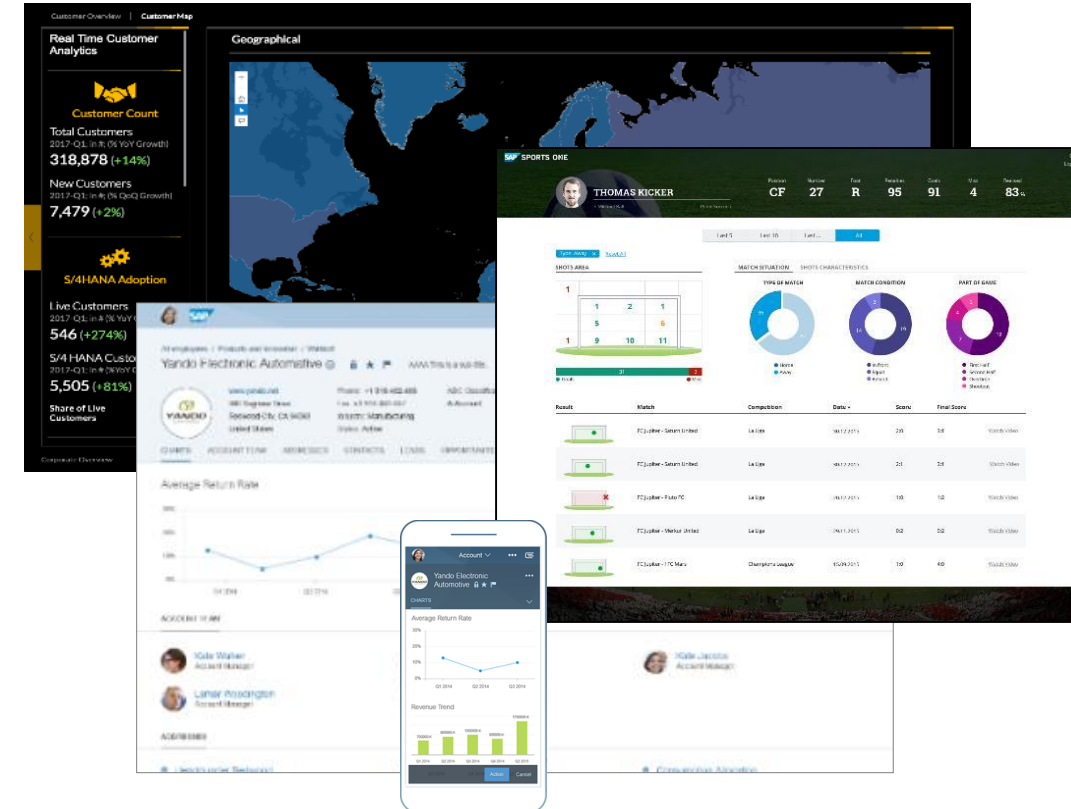
- Detailed innovations

OpenUI5

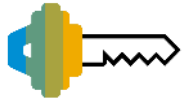
Product description

OpenUI5 is an open source client-side JavaScript framework designed to build cross-platform, responsive, enterprise-grade Web applications. It is the leading UI technology of SAP's user experience strategy.

- Rich set of extensible and themeable UI controls ensuring consistent user experience across solutions
- Facilitation of efficient development for designing Web applications
- Fulfills the SAP product standards
- Released under the Apache 2.0 license

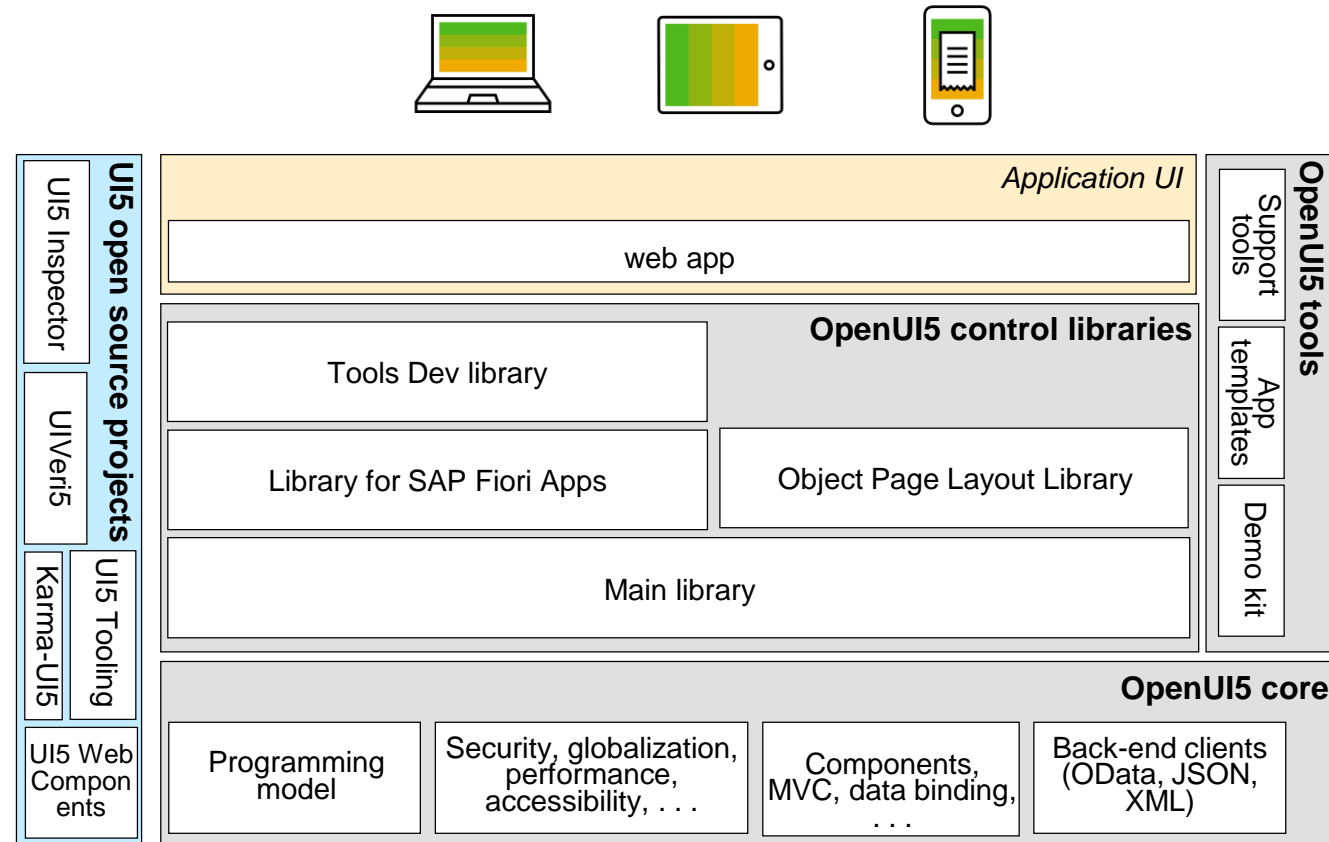


OpenUI5



Key capabilities

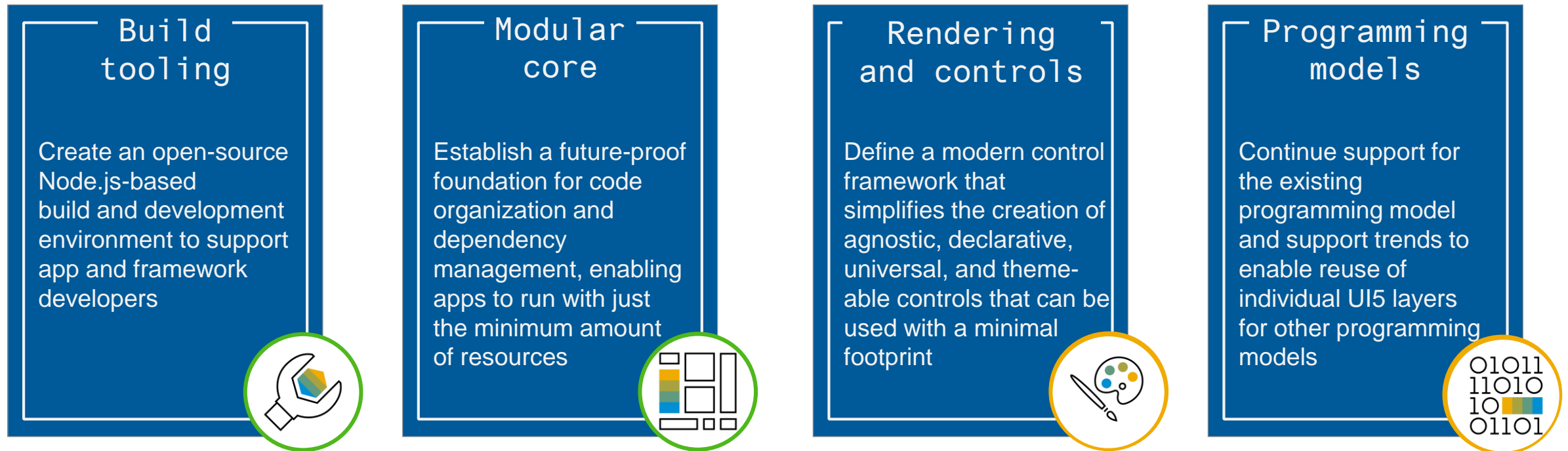
- **The core** serves as foundation for and simplifies Web development by managing many aspects behind the scenes.
- SAPUI5 offers ready-to-use **UI controls**, ranging from basic elements to complex UI patterns. They benefit from the consistent design language and coherent UX patterns known as SAP Fiori.
- Various **tools** complement the framework. They assist in building and testing apps as well as diagnosing and resolving issues during development and maintenance.
- Besides the tools integrated into the OpenUI5 SDK there are other **UI5 open source projects** to support the efficient development of web applications.



OpenUI5

Upcoming short-term and midterm innovations

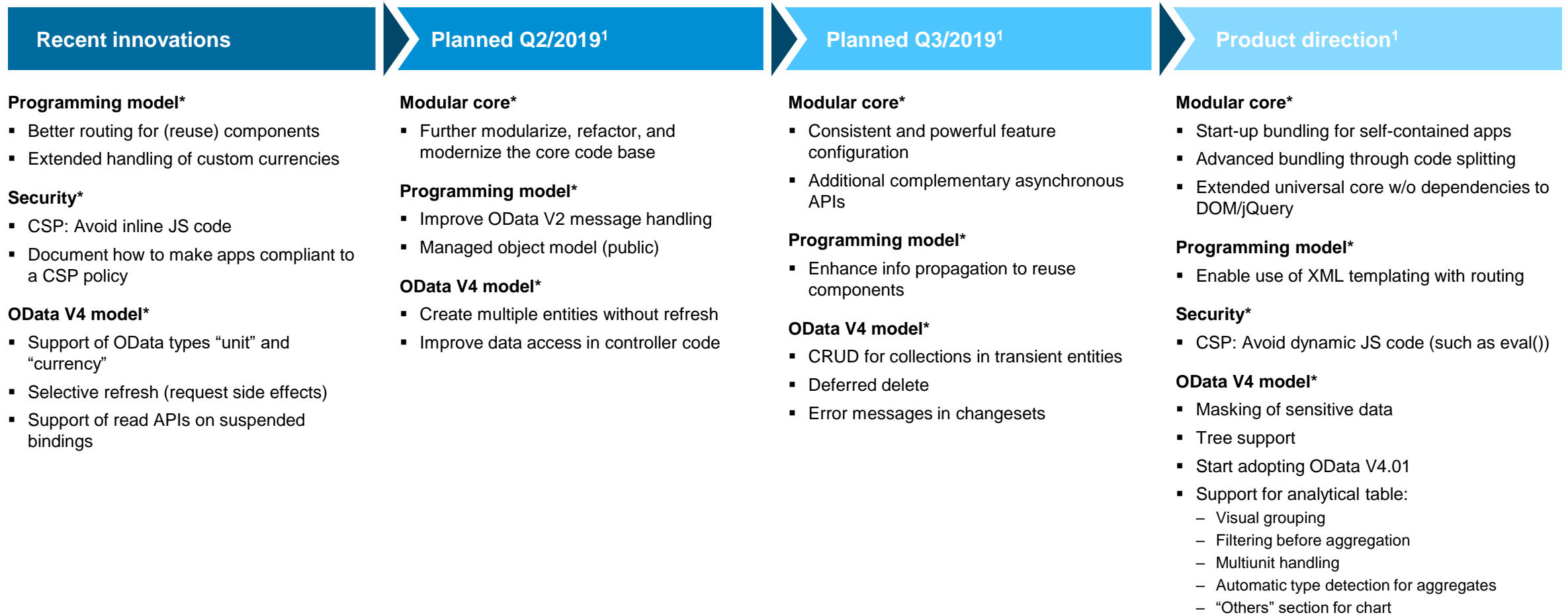
The UI5 Evolution project solves today's problems with being monolithic and having advanced framework, controls, and tooling by splitting the core, the rendering and controls, and the programming model into individual layers and enabling individual consumption.



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OpenUI5 core

Product road map overview – Key innovations

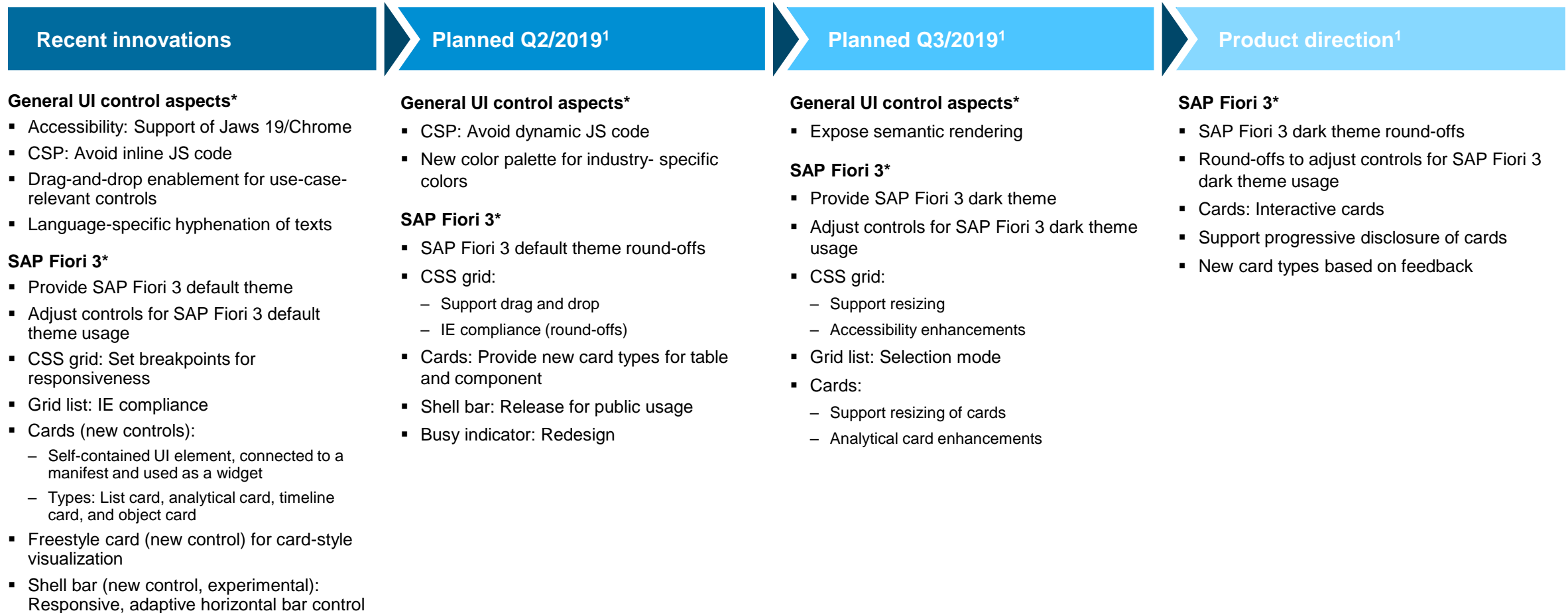


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*Also valid for OpenUI5

OpenUI5 rendering

Product road map overview – Key innovations (1/6)



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OpenUI5 rendering

Product road map overview – Key innovations (2/6)

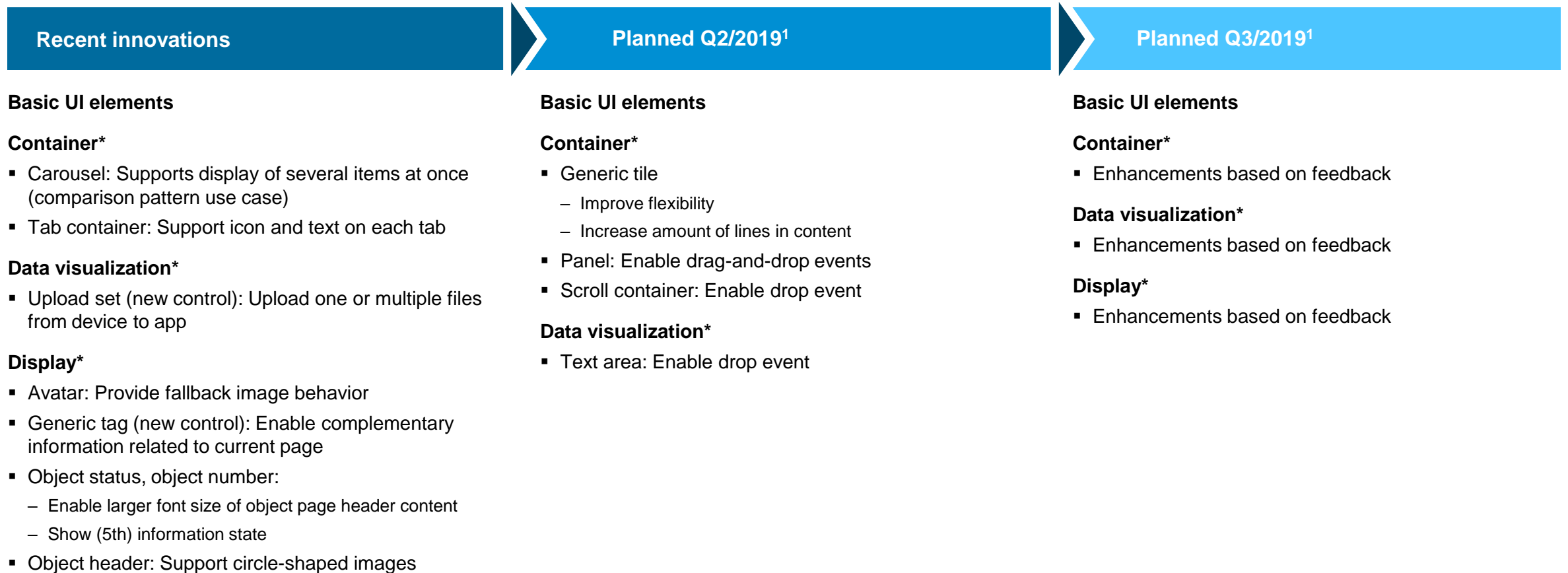
Recent innovations	Planned Q2/2019 ¹	Planned Q3/2019 ¹
Layouts, floorplans, frameworks Layouts* <ul style="list-style-type: none">Dynamic page:<ul style="list-style-type: none">Single line title for mobile scenarioNew landmarkInfo aggregation for landmark roles (accessibility)Flexible column layout: Hide first column in full screen use caseSemantic page (sap.f):<ul style="list-style-type: none">Single line title for mobile scenarioNew accessibility landmarkInfo aggregations Floorplans* <ul style="list-style-type: none">Object page:<ul style="list-style-type: none">New landmarkInfo aggregation for landmark roles (accessibility)Enable drag and dropSupport comparison patternUX improvements: Horizontal form arrangement, auto-expand subsections Tool purposes* <ul style="list-style-type: none">Tool page: New selectedKey property in side navigation control	Layouts, floorplans, frameworks Layouts* <ul style="list-style-type: none">Dynamic page: Improve UX for expanding/collapsing headerPage (sap.m): Enable drop event Floorplans* <ul style="list-style-type: none">Object page:<ul style="list-style-type: none">Semantic object pageMerge section/subsection with title and toolbar in case only one type of contentWizard:<ul style="list-style-type: none">Visual indication for validated stepsEnable drop eventImprove UX with animations Tool purposes* <ul style="list-style-type: none">Block layout: Enhance data bindingVertical layout: Enable drop eventResponsive splitter: Paginator capability	Layouts, floorplans, frameworks Layouts* <ul style="list-style-type: none">Dynamic page: Embed tabs in header content Floorplans* <ul style="list-style-type: none">Object page: Optimize subsection toolbar behavior

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*Also valid for OpenUI5

OpenUI5 rendering

Product road map overview – Key innovations (3/6)

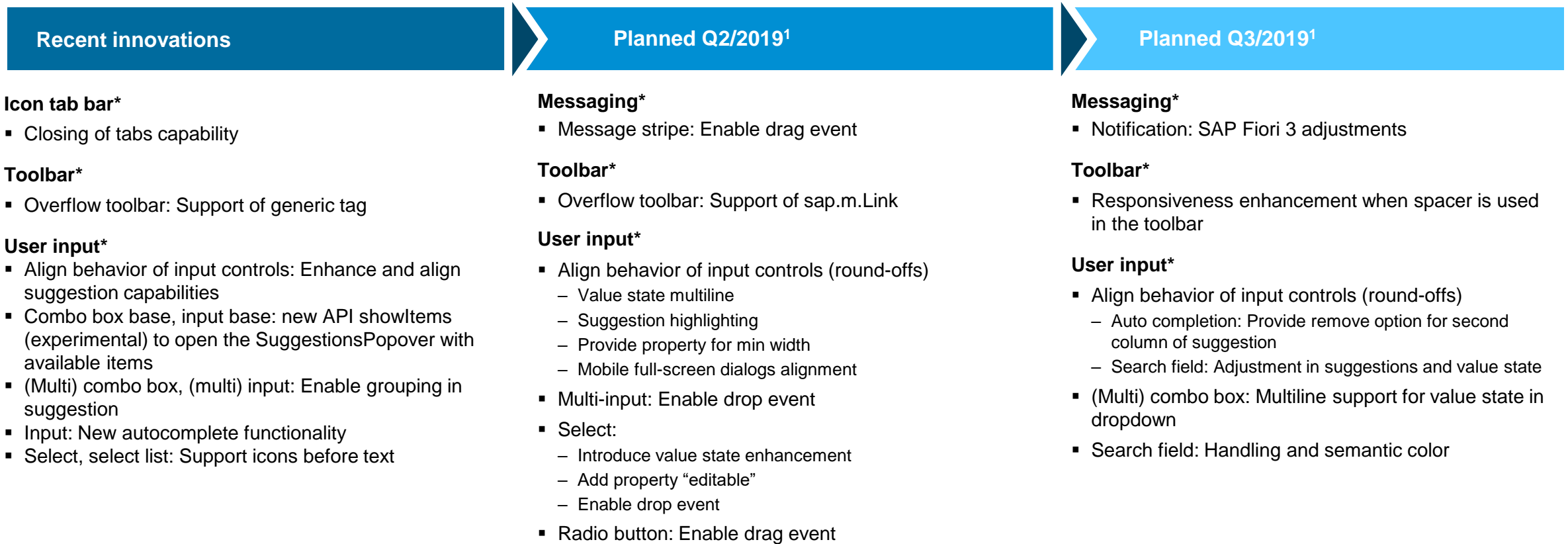


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OpenUI5 rendering

Product road map overview – Key innovations (4/6)

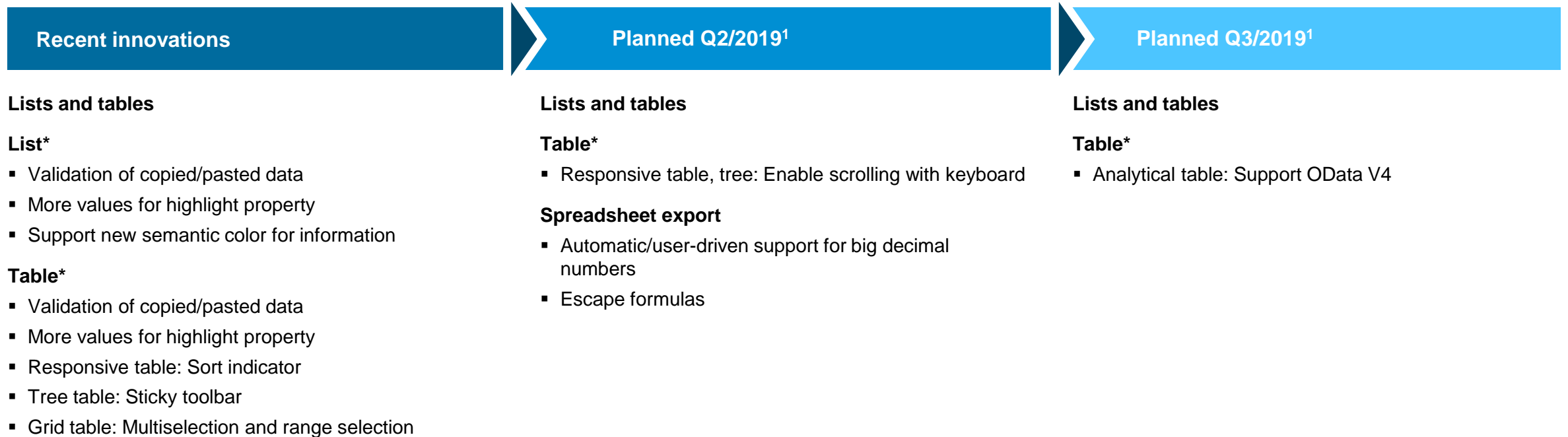


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OpenUI5 rendering

Product road map overview – Key innovations (5/6)



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OpenUI5 rendering

Product road map overview – Key innovations (6/6)

Recent innovations

Scheduler

Date-time input*

- Planning calendar: Subintervals enhancements
- Single planning calendar (new control) with:
 - Day/week view, date navigation header area, vertical timeline, sticky mode, and cozy form factor (for mobile use case)
 - Interactive grid: Grid cell focus navigation and selecting grid cells
 - Visual indication of appointments shorter than 30 min
 - Usage of planning calendar legend
 - Appointment selection
 - Drag-and-drop capabilities: Move, create, resize, copy appointments
 - Accessibility capabilities
- Date-time picker
 - Date picker: Property showing if last entry is valid

Planned Q2/2019¹

Scheduler

Date-time input*

- Month/year picker
- Planning calendar
 - Pin rows
 - Header alignment according to one person calendar UX definition
- Single planning calendar
 - Working hours visualization
 - Long titles/subtitles in appointments
 - Support of special days
 - Month view

Planned Q3/2019¹

Scheduler

Date-time input*

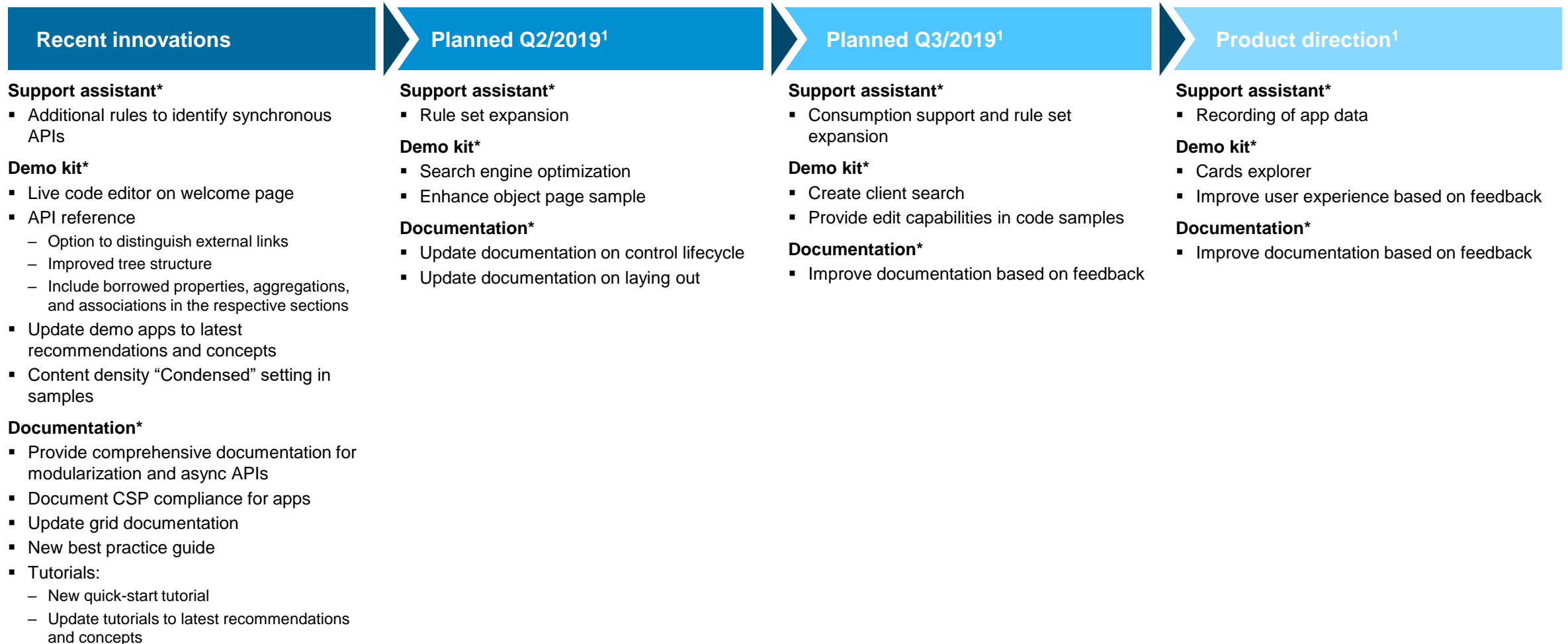
- Date picker: UX alignment with month/year picker concept
- Planning calendar
 - Grouping
 - Enable interval headers in all views

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*Also valid for OpenUI5

OpenUI5 tools and documentation

Product road map overview – Key innovations

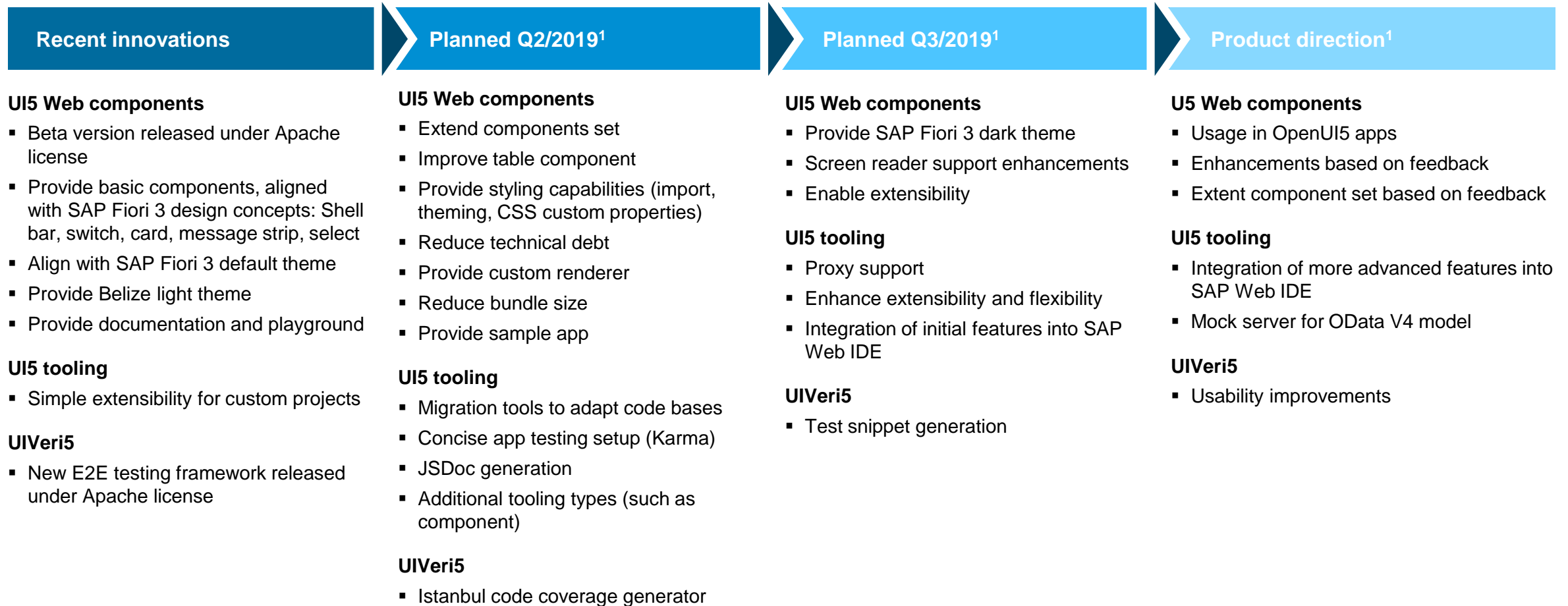


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OpenUI5 – Complementary open source projects

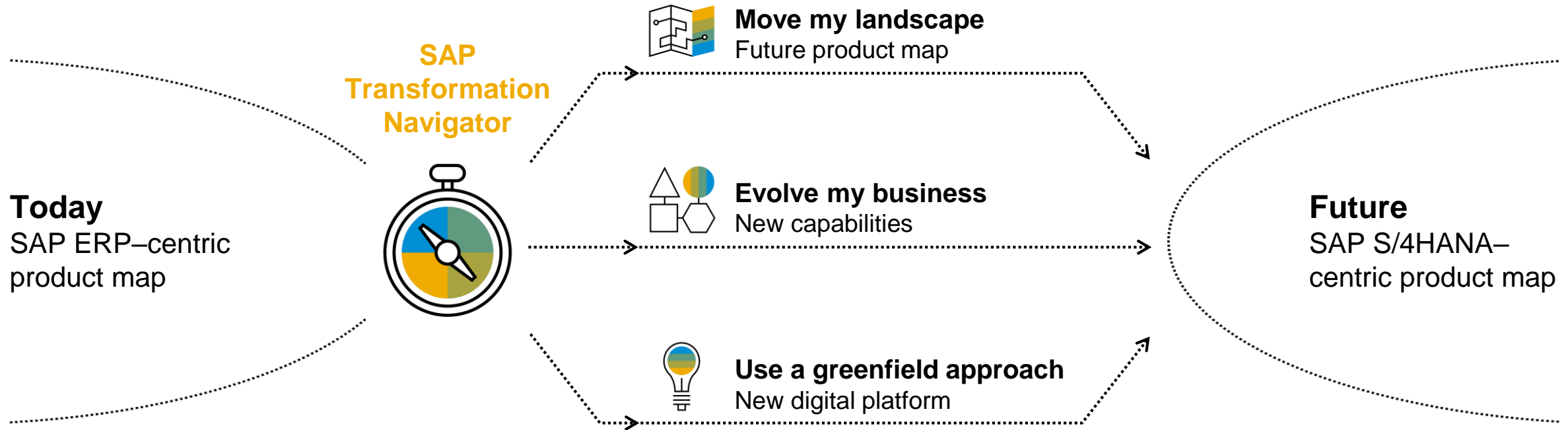
Product road map overview – Key innovations



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Supporting your digital transformation



SAP Transformation Navigator provides you with clear guidance to chart the Intelligent Enterprise:

- Based on your currently used products, this free self-service produces an individualized report highlighting business value, detailing integration to SAP S/4HANA and other cloud products, and explaining transformation services and license information.
- With the new time-slider feature, you can even identify the best point in time to engage in your journey to becoming an intelligent enterprise.
- Discover the tool and your transformation path at <https://support.sap.com/stn>.

Related road maps

SAPUI5 has sundry intersections with the following solutions.

Related product road maps available on sap.com/roadmaps:

- SAP Fiori
- SAP Web IDE
- SAP Cloud Platform
- SAP Gateway



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- ▶ [SAPUI5 Product Page](#)
- ▶ [SAPUI5 SDK](#)
- ▶ [OpenUI5 Web Page](#)



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