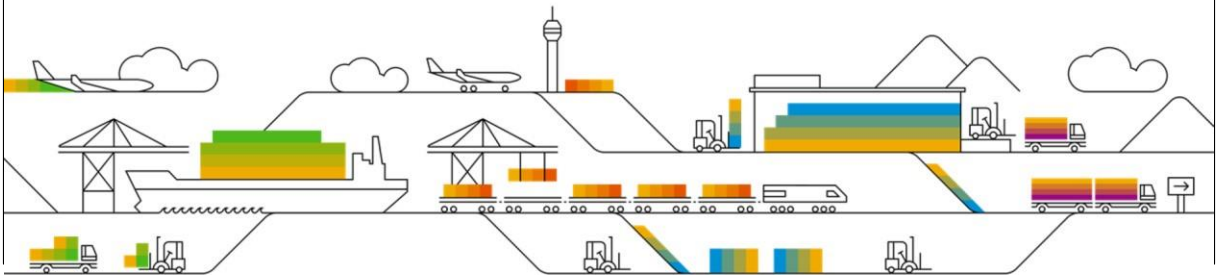


## Unit 2: Introduction to SAP Fiori elements



## SAP Fiori elements

- **Smart Templates = SAP Fiori elements**

### Motivations:

- Consistent UX across business processes
- Rapid SAP Fiori app development
- Improved SAP Fiori app maintenance
- Adaptation via SAPUI5 flexibility and extensibility

- **Examples of SAP Fiori elements**

- Overview page
- List report,
- Object page,



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SAP Fiori elements (formerly known as smart templates) provide a framework for generating UIs at runtime based on metadata annotations and predefined templates for the most used application patterns. The goals are to ensure design consistency, keep apps up to date with evolving design guidelines, and reduce the amount of frontend code for building SAP Fiori apps.

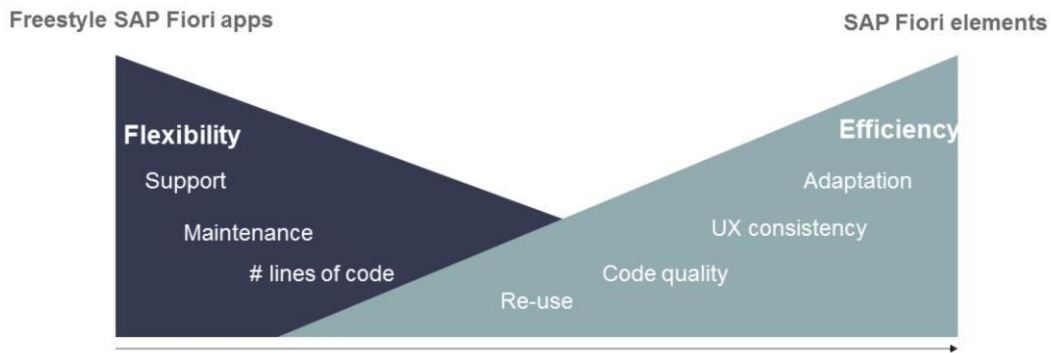
SAP Fiori elements use annotations that add semantics and structures to the data provided by the user.

SAP Fiori elements are part of the SAPUI5 delivery.

More detail available here:

## SAP Fiori app UI development

Flexibility vs. development efficiency with SAP Fiori elements



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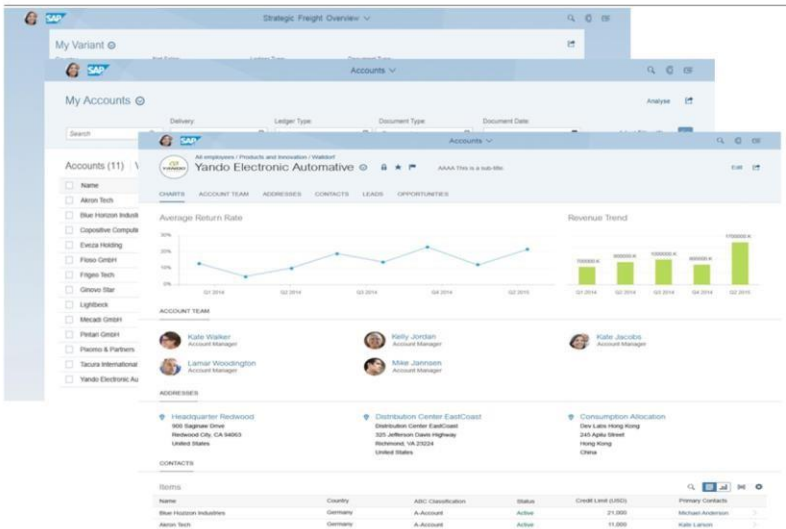
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<https://experience.sap.com/fiori-design-web/smart-templates/>

Freestyle SAP Fiori Apps give you the flexibility of SAP Fiori App development compliant with SAP FioriUX, but requires more efforts on development and maintenance.

SAP Fiori Elements provide a framework for generating UIs at runtime based on metadata annotations and predefined templates for the most used application patterns, leading to higher development efficiency and UX consistency.

# SAP Fiori elements



Overview page

List report

Object page

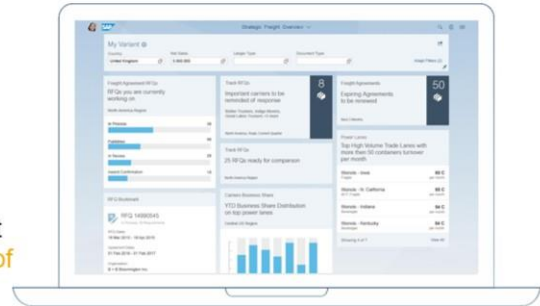
## SAP Fiori overview page

Support for a specific domain/role through Cards with different application content

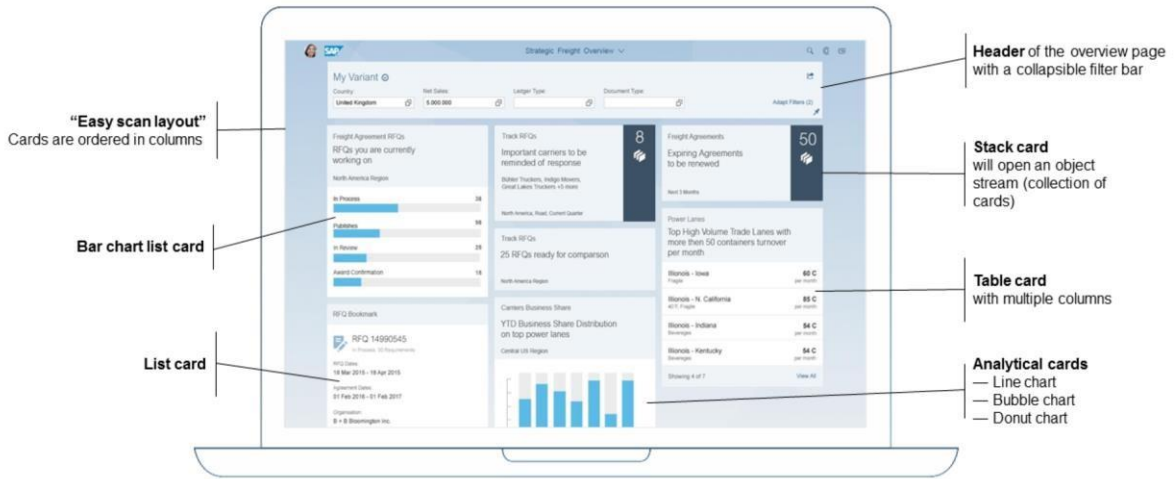
The overview page is a **data-driven SAP Fiori app** providing all the information a domain/role have to overlook in a single page.

Via **cards** a user can view, filter and react easily through content from different applications.

The overview page organizes and displays an amount of filterable data to provide an **introductory-level view of content** on one glance.



## Overview page at a glance



## List report at a glance

**Smart filter bar**  
including search fields with value helps

**Break-outs**  
for custom fields in smart filter bar

**Personalization and configuration**  
of search fields and columns

**Actions**  
for one or multiple line items

**Indicator support**  
— status  
— progress  
— rating

Name	Country	ABC Classification	Status	Credit Limit	Cur
Alpine Tools	Germany	A-Account	Active	11,000	USD
Blue Horizon Industries	Germany	A-Account	Active	21,000	USD
Cognitive Computing	Germany	A-Account	Active	21,000	USD
Conco Helling	Spain	A-Account	Active	22,000	USD
Finesse Group	Germany	A-Account	Active	23,000	USD
Fligge Tech	United States	A-Account	Active	38,000	USD
Glassco Star	Germany	A-Account	Active	22,000	USD
Lightbark	France	A-Account	Active	69,000	USD
Microlink Group	Germany	A-Account	Active	22,000	USD
Printer Group	Germany	A-Account	Active	27,000	USD
Proven & Poylert	United States	A-Account	Active	22,000	USD
Service International	United States	A-Account	Active	22,000	USD
Yards Electronic Automobile	United States	A-Account	Active	40,000	USD

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With a list report, users can view and work with a large set of items. This floorplan offers powerful features for finding and acting on relevant items. It is often used as an entry point for navigating to the item details, which are usually shown on an object page.

## Object Page at a glance



The object page floorplan allows the user to display, create, or edit an object. This is now the recommended floorplan for representing both simple and complex objects in SAP Fiori. It has replaced the flat object view floorplan and is set to replace the object view floorplan. The object page floorplan comes with a flexible header, a choice of anchor or tab navigation, and a flexible, responsive layout. These features make it adaptable for a wide range of use cases.



## References

**SAP User Experience Community**

**SAP** Community Network

- SAP Fiori App Reference: <http://www.sap.com/fiori-apps-library>
- SAP User Experience Community: <https://experience.sap.com/>
- SAP Fiori Design Guidelines: <https://experience.sap.com/fiori-design/>
- SAP Fiori Explorer: <https://experience.sap.com/fiori-design-web/explore/>



**SAPUI5**

User Interface

Business Logic

<https://sapui5.netweaver.ondemand.com/sdk/index.html>

<https://sapui5.netweaver.ondemand.com/sdk/explored.html>