

Welcome • Timings • Safety • Ground rules • Objectives

Agenda

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02 Benifits

O3 Config Overview

Data Source Designer

05 Lobby Element Designer

06 Lobby Page Designer

Context Pane Elements

Workshop & Managing IFS Lobbies



Before We StartGeneral Information

- Timings
- · Session Objectives
- Training Material and Environment Access
- Demo and Workshop
 Exercises
- Questions and More Information





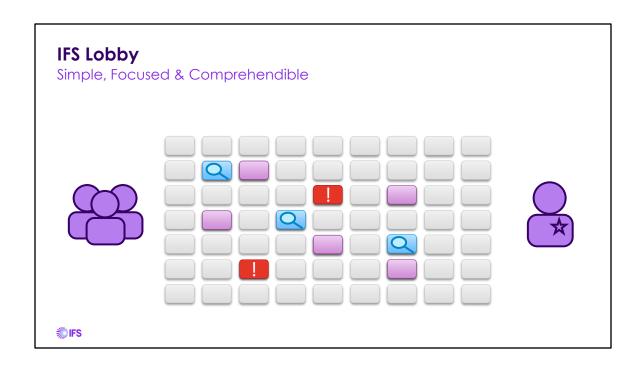


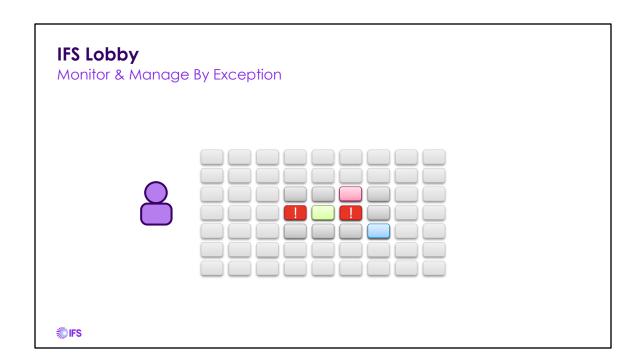
Link to Application

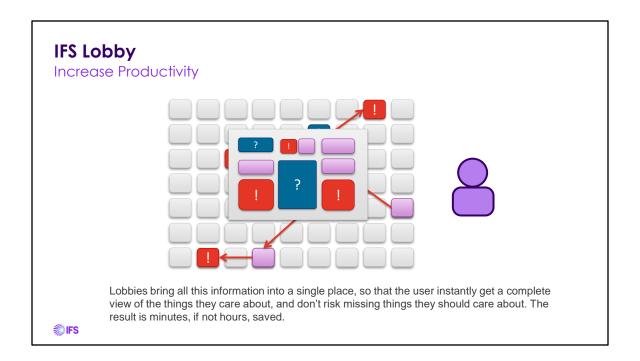
User Name(s)

User Password(s)

IFS Lobby Introduction A personal view Bringing you closer to what's happening in your business Bringing you closer to the things you need to do Bringing you closer to the things you Should keep an eye on

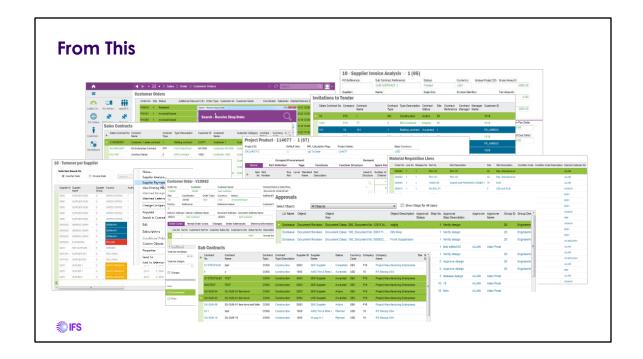


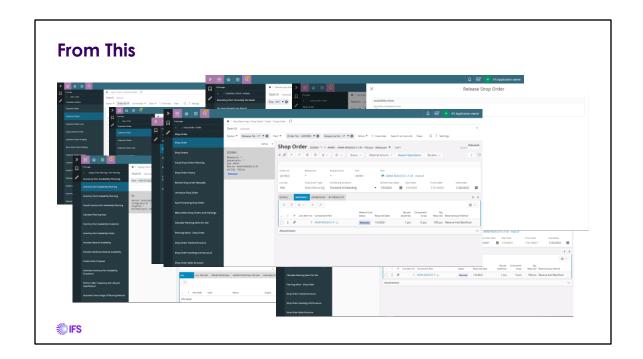


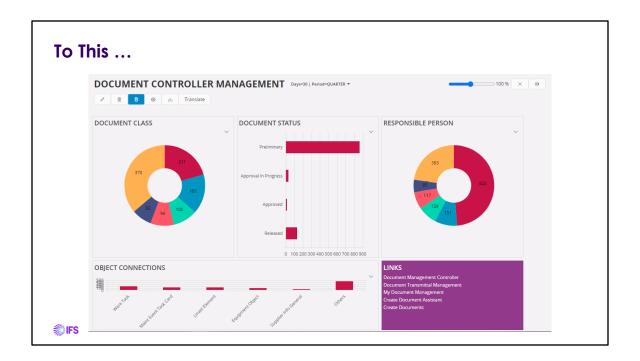


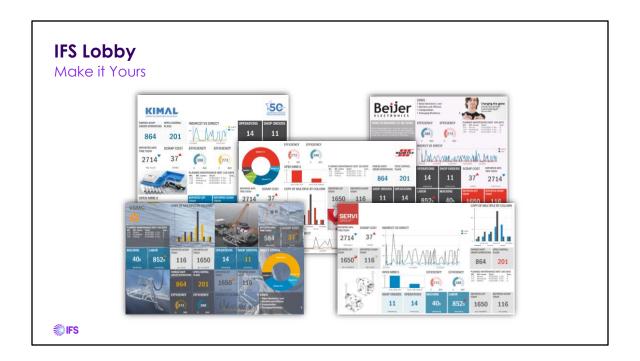


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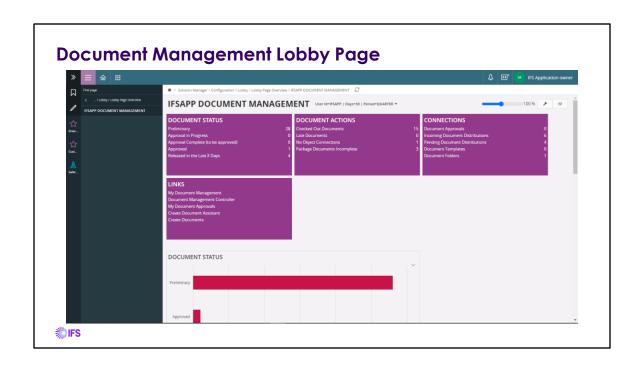


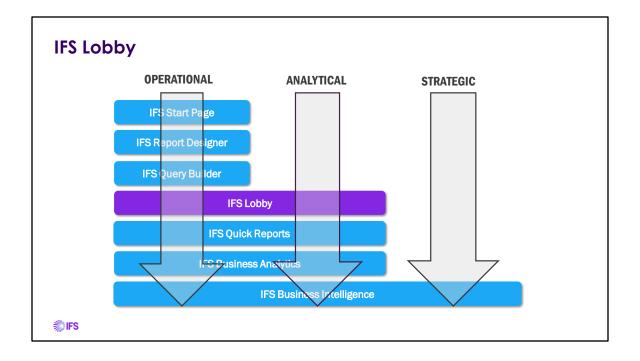










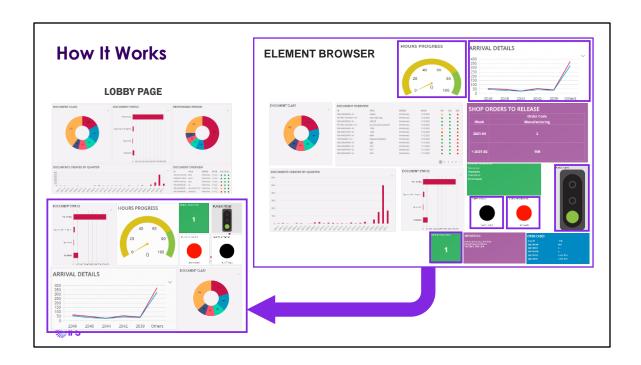


IFS Lobby

Benefits

- · All IFS Lobby administration tools are run inside IFS Applications
- No deployment or build needed
- Possible to export and import
- Direct manipulation—WYSIWYG (What you see is what you get)
- Possible to drill down from page to data source (for ease of use)





IFS Lobby

Lobby Configuration

IFS Entry point

- IFS AURENA client
- · User Configurable
- · Easy to understand

Insight

- · Real-time focus on exceptions
- · Not more data but the right data

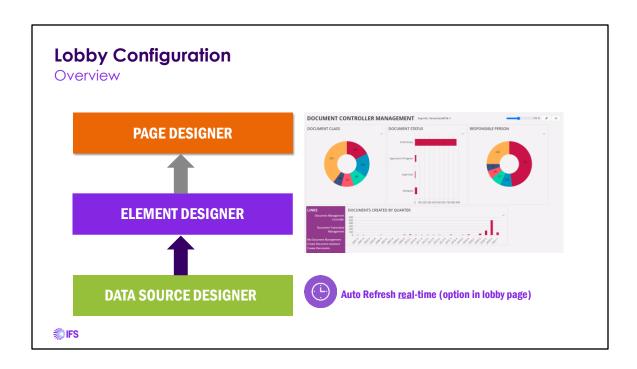
Take it with you

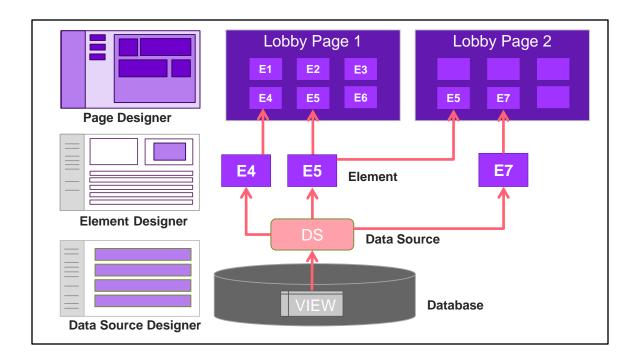
· Device independent

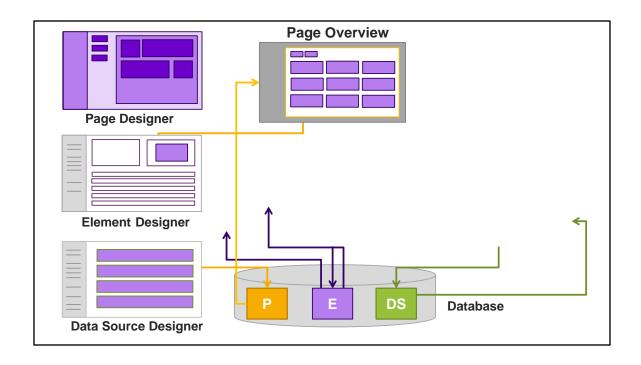




IFS Lobby Starting Point For The Best UX IFS Lobby - Aurena • First in Applications 10 • Casual and B2B user Start Page A REAL FOCUS FOR THE USER − SHOWS WHAT MATTERS MOST LOG ON > FOCUS > ACT > RELAX > ■IFS







Practice

Hands On

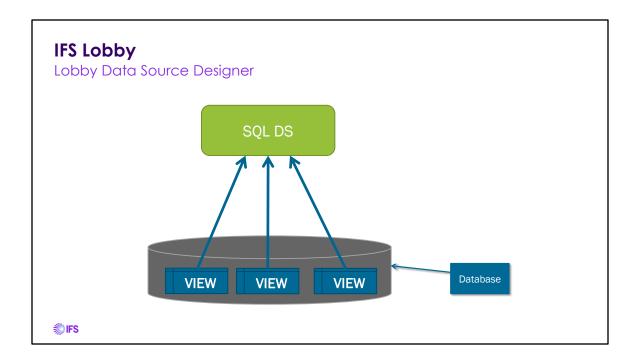
What You Learned

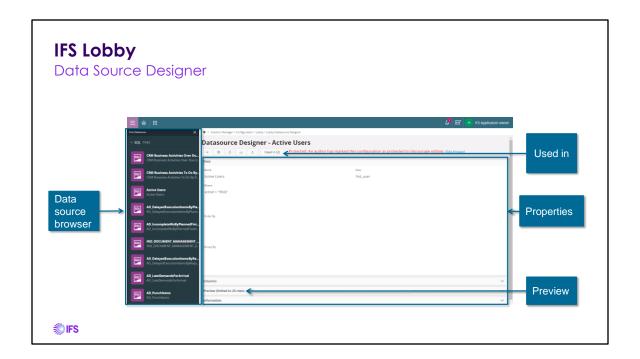
- Overview of lobbies
- · Lobby concept and Architecture
- · Benefits of lobbies

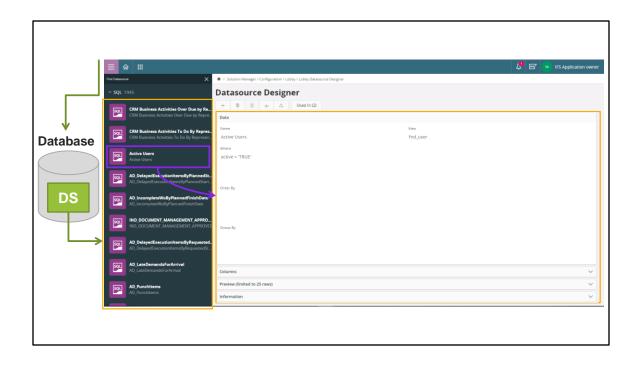
Let's Login to IFS Applications











IFS Lobby

Data Source Designer

- · As of this moment, the Aurena Datasource designer supports only for SQL data sources.
- · Declare the name of the view that you want the data to be fetched from. Ex: Business_Activity
- Columns section is used to manage the columns to be used from the view.

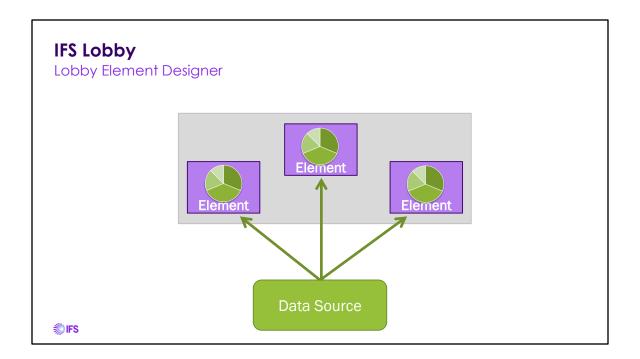


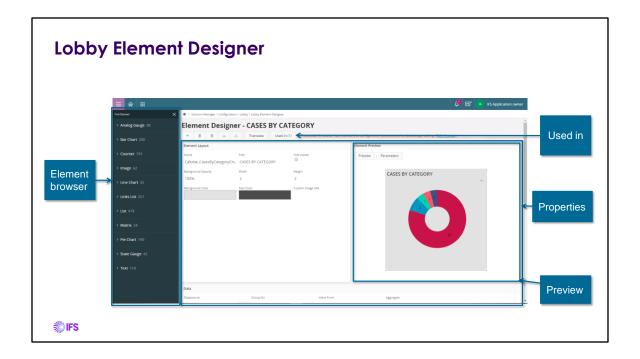
- Preview section can be used to verify whether the data source is working properly.
- Use the Parameters button to change the parameter values via 'Page Parameters' dialog and preview the data
- Used In button at the top of the page will indicate the number of elements which uses this data source and provide an overview of those elements upon clicking on it.

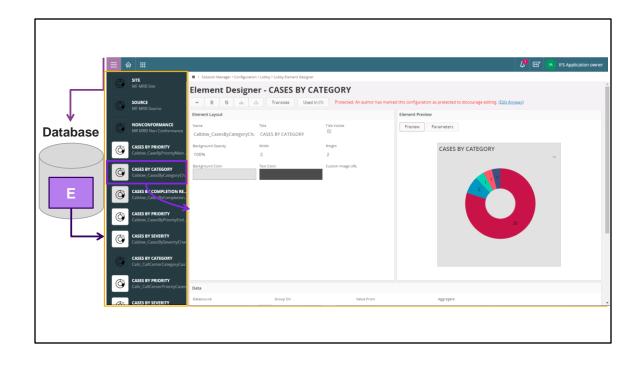


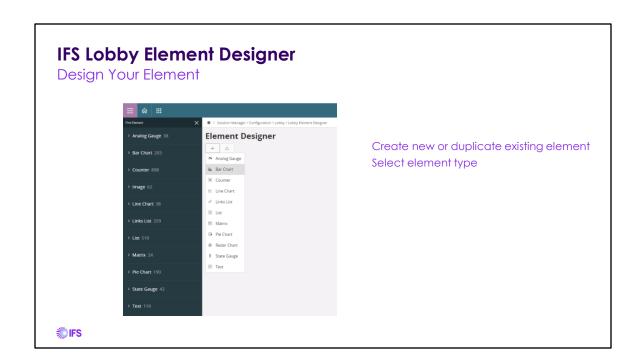


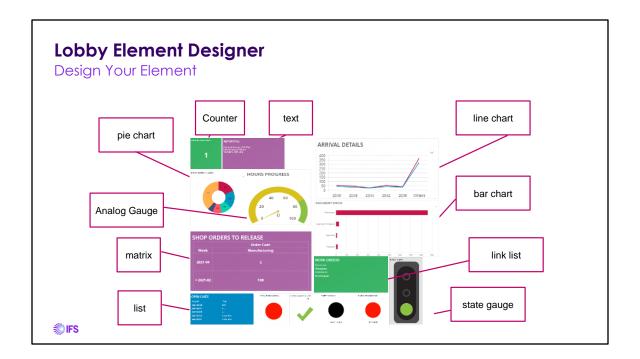


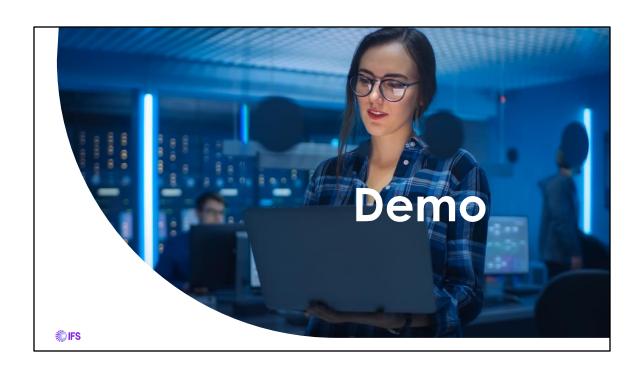






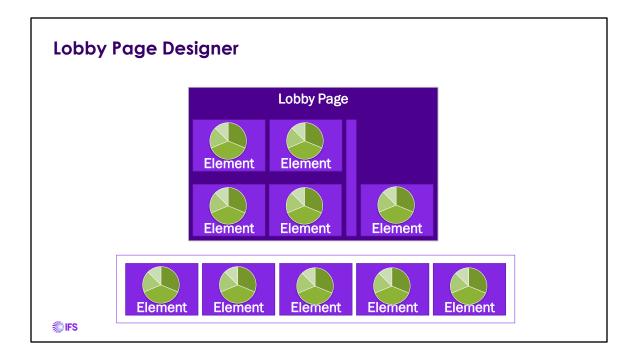


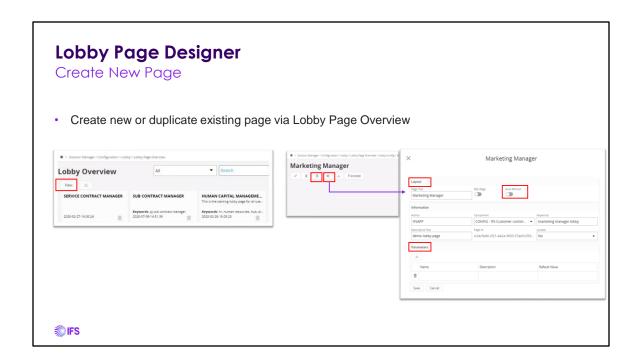


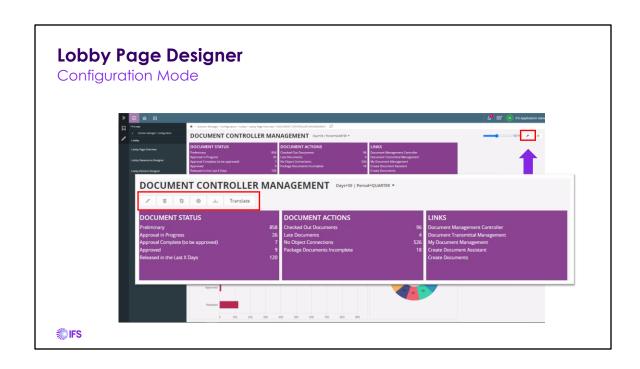


Documentation & Help Technical Documentation **Procedure of the Company of the C



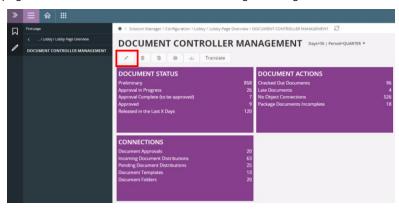






Lobby Page DesignerConfiguration Mode

• Go to page edit mode to add new elements or change existing.

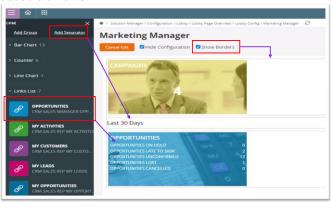


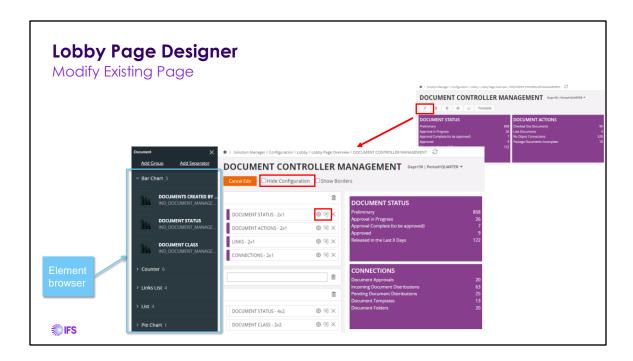


Lobby Page Designer

Create New Page

- Design your own lay-out
- Select the needed elements





You can interact with a Lobby Page in several ways:

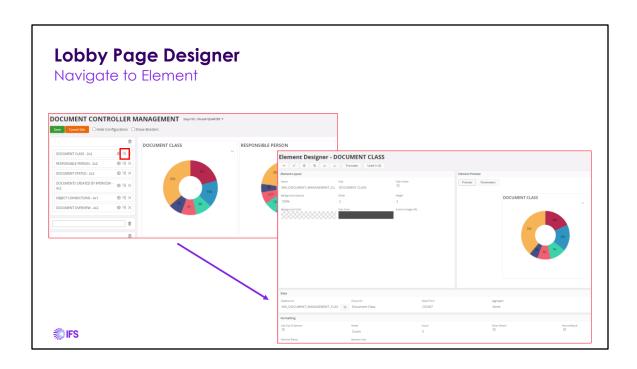
Click on Elements to navigate to the element designer, Elements are setup for navigation.

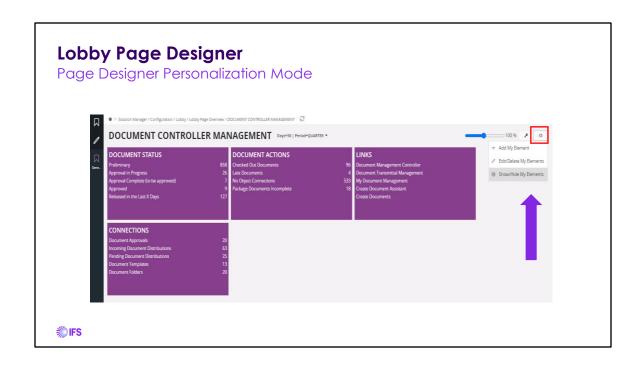
Click on Elements and expand them to fill the Page area.

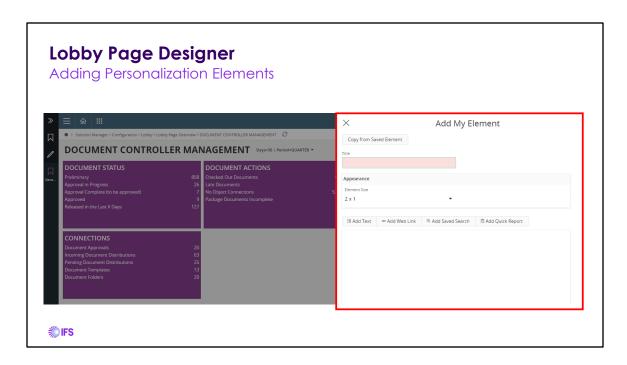
Zoom in and out of the Page, and change the screen orientation if your device supports it.

Configure and personalize the Page.

If your Page has Elements that use parameters, modify the parameters to change the data that is visualized.







You can interact with a Lobby Page in several ways:

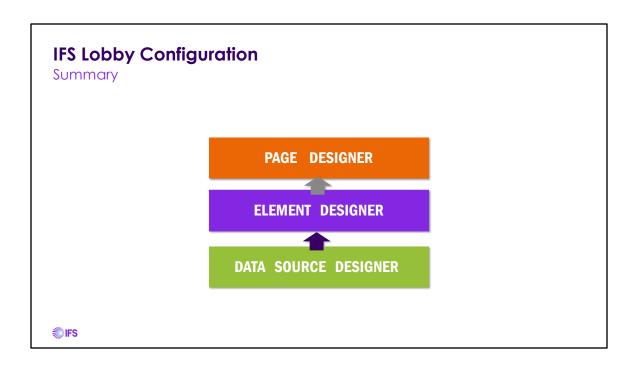
Click on Elements to navigate to the source data, provided the Elements are setup for navigation.

Double click on Elements and expand them to fill the Page area.

Zoom in and out of the Page, and change the screen orientation if your device supports it.

Configure and personalize the Page.

If your Page has Elements that use parameters, modify the parameters to change the data that is visualized.



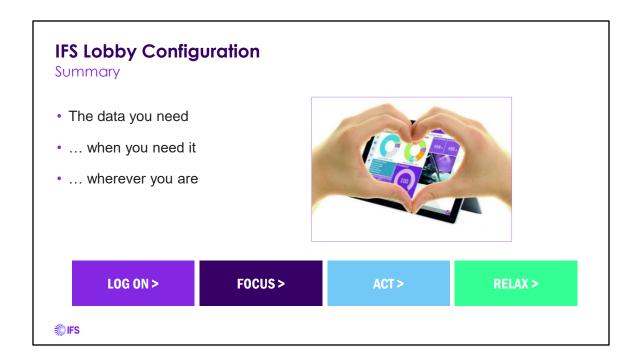
Have MULTIPLE lobby pages

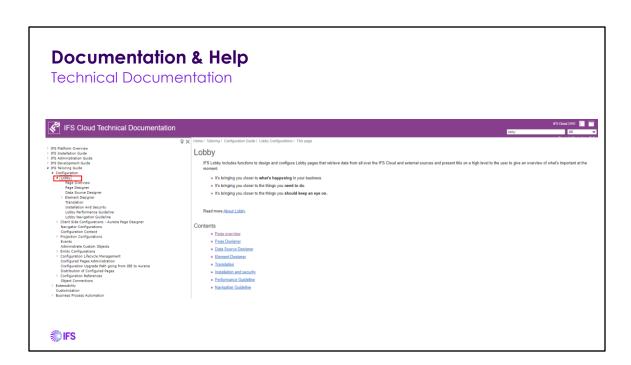
IFS Lobby Configuration

Summary

- IFS Cloud lobbies can make a real difference to:
- The way you THINK real time focus
- The way you VISUALIZE a business situation
- How and WHERE you make the decisions that matter
- The way you FEELkeep 'one step ahead'









Aurena Projection & Client Files

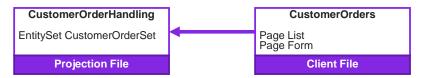
- Aurena Client file is the main entry point that defines pages, elements and data bindings to the projection it uses.
- The projection file exposes data via Entity Sets and functionality via functions and actions.
- · A projection file may be used by multiple client files, but a given client file can use only one projection.
- A particular client file may contain multiple pages of different kinds (Groups, List, ...etc.)
- Hence, when you need to access a particular Aurena page, the URL points to the specific client file and the page name.

https://host:port/main/ifsapplications/web/page/CustomerOrder/Form

Client File Name



Projection, Client Files & Pages



- CustomerOrderSet is the entity set which exposes data via the Customer Order Logical Unit.
- · List and Form are two pages of CustomerOrders client file which displays data based on the projection's entity set.
- URL to Customer Orders window:
 - https://host:port/main/ifsapplications/web/page/CustomerOrders/List
- · URL that exposes data via the projection:
 - https://host:port/main/ifsapplications/projection/v1/CustomerOrdersHandling.svc/CustomerOrderSet



Filter Records Using OData

- You can filter records exposed via the projection using relevant OData filter conditions. Learn more about OData querying in here.
- · Few examples of filtering customer order records:
- · Retrieve all Customer Orders:
 - CustomerOrdersHandling.svc/CustomerOrderSet
- Retrieve a specific Customer Order via the Orderld (Primary Key):
 - CustomerOrdersHandling.svc/CustomerOrderSet('P10626')
- · Retrieve Customer Orders of Order Currency equivalent to USD:
 - CustomerOrdersHandling.svc/CustomerOrderSet?\$filter=CurrencyCode eq 'USD'
- Retrieve above dataset according to the descending order of wanted delivery date:
 - CustomerOrdersHandling.svc/CustomerOrderSet?\$filter=CurrencyCode eq 'USD'&\$orderby=WantedDeliveryDate desc



Navigation In Element Designer

- You can specify the page to be navigated upon clicking on the element under the Navigation section of the lobby element.
- Checking the "Use Datasource condition" checkbox will incorporate the data source where clause.
- Specify the URL to the page at the "URL Address" text area.
 - Ex: page/UserHandling/Users

Туре	Format	Example
Page, Assistant, Tree	<pagetype>/<clientname>/<p ageNa me>?<parameters></parameters></p </clientname></pagetype>	page/UserHandling/Users assistant/CompliancePlanAssistant/Compliance PlanningAssistant
Quick Report	quickreport/ <reportid></reportid>	quickreport/20245952
Lobby	lobby/ <lobbypageid></lobbypageid>	Lobby/5608a61f-17c3-4afa-ad16-e38c5b1cd9ec
External web page or URL	<url></url>	http://www.ifs.com



Navigation In Element Designer

 OData filter conditions can be appended after the page name as follows to filter record(s) at the destination page upon navigating to it.

page/UserHandling/Users?\$filter=Identity eq \$[IDENTITY]

• Syntax of placeholders used in navigation URLs are as follows:

Placeholder	Syntax
Page Parameters	\$PLACEHOLDER\$
Data Values	\$[PLACEHOLDER]
CSV Values	#PLACEHOLDER#



Placeholder Types In Navigation

Page Parameters:

Replaced using the page parameters available in the Lobby page where the Element is used.

• Ex: page/CustomerInstallmentsAnalysis/List?\$filter=CustomerId eq \$CustomerId\$

Data Values:

Replaced using the corresponding value from the data source used in the element.

Ex: page/PlanningUnitsAnalysis/List?\$filter=OrderNo eq \$[ORDER_NO]

CSV (Context Substitution Variable) Values:

Replaced by the corresponding value from the set of CSV values available for Lobby.

• Ex: page/PlanningUnitsAnalysis/List?\$filter=MainRepresentativeId eq #USER_ID#





Workshop

Requirements

- Provide a Lobby for the user to be able to get an overall view.
- Various elements required to provide a comprehensive page with all the required information.
- Data sources should be created and\or reused to get the relevant data from the database.
- Elements should be created to convert this data from data sources into simple, comprehensive and effective information.
- Lobby Pages should be created to display these elements in a comprehendible, simple and logically grouped manner.



- · An element is required to display information on the number of orders that need to be invoiced.
- Create a data source to retrieve the relevant data to list the orders that need to be invoiced. (The data should be filtered by the company)
- Create a Counter element and format it to display the data gathered in the data source in an informative manner.
- · Create a Lobby Page named "Customer Order Management", and add the counter element to the page.



- An element is required to display all the Customer Orders for a given company.
- · Create a data source to retrieve the relevant data to list the orders that need to be displayed.
 - Show the Customer Name for each Order displayed.
 - The data should be filtered by the company
- List the element and format it to display the data gathered in an informative manner.
 - Give the user the ability to navigate to a customer order of interest.
- · Add this element to the Lobby Page created previously.



- An element is required to display the quantities of different products for customer orders.
- Create a data source to retrieve the relevant data to list quantities for products ordered in customer orders.
 - Show the Product Description
 - The data should be filtered by the company
- Create a Pie-Chart element and format it to display the data gathered in the data source in an informative manner.
- Add this element to the Lobby Page created previously



- An element is required to indicate the number of unpaid invoices.
- Create a data source to retrieve the relevant data to list the unpaid customer invoices.
 - The data should be filtered by the company
- Create an Analog Gauge element and format it to display the data gathered in the data source in an informative manner.
- · Add this element to the Lobby Page created previously.



- An element is required to depict the sum of invoice payments per customer.
- Create a data source to retrieve the relevant data to list the unpaid customer invoices.
- The data should be filtered by the company
- Create an Analog Gauge element and format it to display the data gathered in the data source in an informative manner.
- · Add this element to the Lobby Page created previously.





- An element is required to show users states as given above.
- Create or reuse an existing data source to retrieve the relevant data to list the Users with the state of their account using the icons.
- Add this element to a new Lobby Page.



- An element is required to show number of suppliers from different countries.
- Create or a data source to retrieve Supplier and country details. The country code should be used to present information in the lobby.
- Add this element to a Lobby Page.





IFS Lobby

Security

Lobby Runtime Security

- · Lobby Runtime Security is mainly based on Presentation Objects.
- Lobby overview shows only granted pages(Presentation Objects) for the user.
- When a user opens a lobby page, if the relevant data source is not granted for a particular element, a cross sign is displayed on the element of the lobby page.

Lobby Designer Security

- · Lobby Designer Security is mainly base on projections.
- The logged in user must have grants for following projections in order to open the respective designers, view metadata of lobby items and perform CRUD operations on Lobby items.
- LobbyDatasourceConfiguration.projection: Datasource designer
- LobbyElementConfiguration.projection: Element Designer
- · LobbyConfiguration.projection: Page designer



IFS Lobby

Security

Special Security - Datasource Designer

- A user can access any table/view in the database and execute any query through the Datasource designer.
- Hence, a system privilege called LOBBY DATASOURCE DESIGNER has been implemented on Datasource designer as an extra layer of protection to protect data from unauthorized users.
- A user with LOBBY DATASOURCE DESIGNER system privilege can perform following operations:
- · Create data sources
- Edit data sources
- · Delete data sources
- · Preview data in a data source



IFS Lobby

Translations

- Elements and Pages can be translated
- · Translations are stored in the database
- Same tools used when translating the Enterprise Explorer can be used.

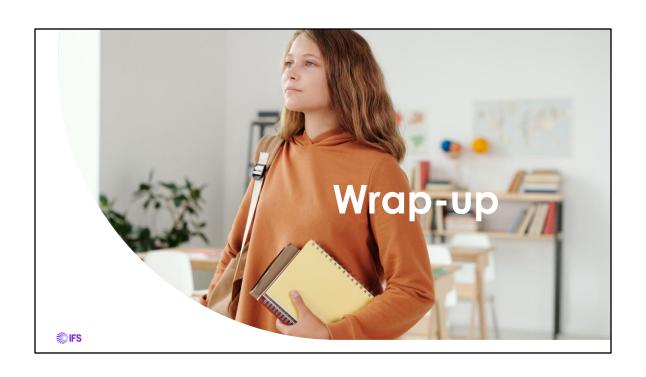
₩IFS

IFS Lobby

Import/ Export

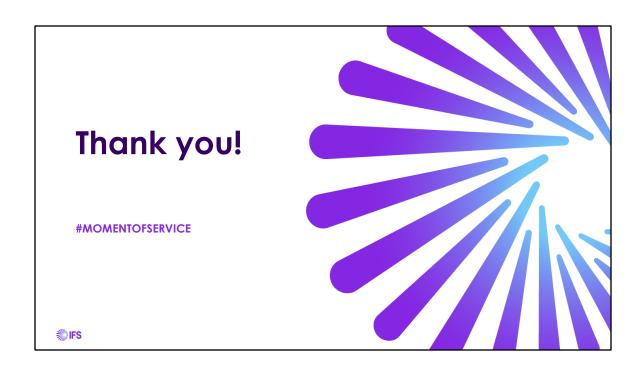
- Data sources, elements and lobby pages all have an import and export functionality.
- · Installation files use the XML standard.
- This allows you to use them in a DTAP(Development, Testing, Acceptance and Production) environment.
- Source Code Management:
 - Component\server\lobby\datasources
 - Component\server\lobby\elements
 - Component\server\lobby\pages













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