

PART 1 / 5

DEVELOPMENT & EXTENSIBILITY



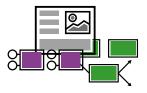


TAILOR AND EXTEND CUSTOMER SOLUTION

CONCEPTS AND TERMINOLOGY

EXTEND INSIDE













CONFIGURE



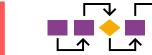






EXTEND OUTSIDE





USING APIS













CONCEPT MAPPING IFS EE – IFS CLOUD

IFS EE/Apps10	Available in IFS Cloud	IFS Cloud	Upgraded
Custom Fields	Yes	Custom Attributes + Page Configuration	The attributes with definition and storage are upgraded Layout needs to be redone Assumes the pages in IFS Aurena are based on same data source as in IFS EE
Custom Logical Units	Yes	Custom Entities	Yes
Custom Page	Yes	Page Configurations	No (redo)
Custom Enumeration	Yes	Custom Enumeration	Yes
Custom Screen Layout + Page Properties	Yes	Aurena Page Designer	No (redo)
Custom Menu	Partly	Command + Custom Action	No (redo)
Custom Tabs	Yes	Projection Configurations + Aurena Page Designer	No (redo)

CONCEPT MAPPING IFS EE – IFS CLOUD

IFS EE/Apps10	Available in IFS Cloud	IFS Cloud	Upgraded
Conditional Fields	No	Not planned	No
Information Cards	No	Not planned (Not valid for a browser-based application)	No - Deprecated
Custom Events	Yes	Custom Events	Yes
Event Actions	Yes	Event Actions	Yes (URL:s needs to be updated manually)
Application Configuration Packages	Yes	Application Configuration Packages	Yes



CONFIGURATION CONCEPTS IN IFS CLOUD

- Custom Attributes
- Entity Configurations
- Projection Configurations
- Custom Actions & Commands
- Application Configuration Packages





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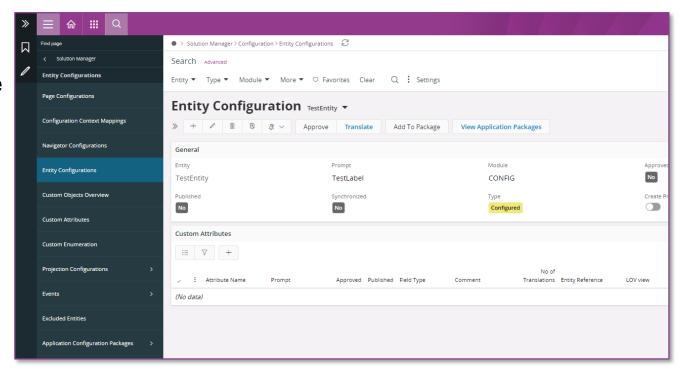
DEVELOPMENT & EXTENSIBILITY



ENTITY CONFIGURATIONS

CREATE NEW CUSTOM ENTITIES

- Entity Configurations page is used to configure Entities in IFS Cloud.
- You can use Entity Configurations page to;
- Create new Custom Entities
- Configure existing Standard Entities
- Custom Entities already created in IFS Enterprise Explorer (known as Custom LU), can also be used in IFS Cloud.

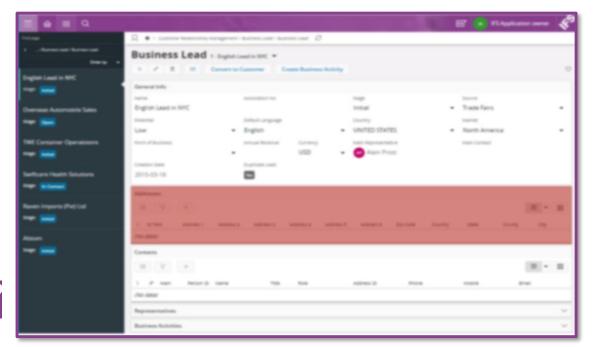




CUSTOM ENTITIES

EXTEND STANDARD PAGES

- A standard Application page can be extended with Custom Entities
- Custom Entities are added to standard pages In IFS Cloud by configuring the Projection on which the page is based on
- The Page Designer is used to configure the layout of the standard page



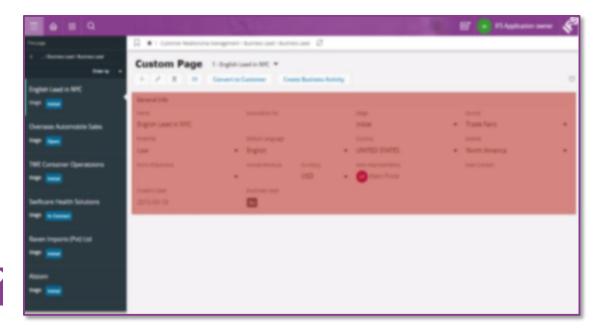
The Custom Entity data can be visualized as a **new section** in a standard page



CUSTOM ENTITIES

CREATE NEW CUSTOM PAGES

- Custom Pages can be created in IFS Cloud
- A Custom Page is created based on a new Custom Projection
- A new Custom Projection can be created using Custom Entities or Standard Entities
- The Page Designer is used to configure the Layout of the Custom Page



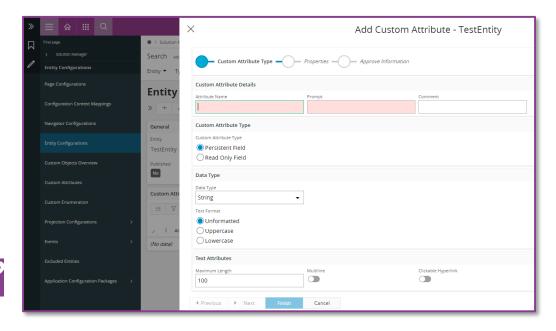
A **new Custom Page** based on a Custom Entity

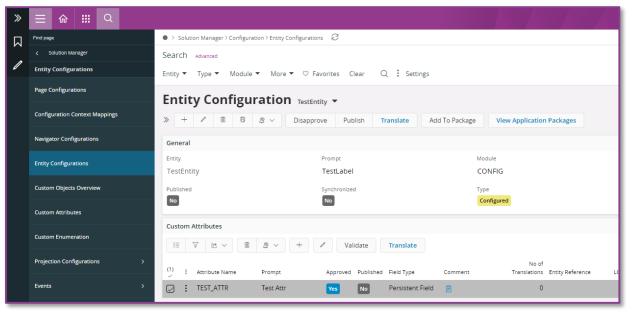


CUSTOM ATTRIBUTES

CONFIGURE AN ENTITY

- Custom Attributes are added to Entities using the Entity Configurations Page
- They can be added to either Standard pages or Custom Pages in IFS Cloud using the Page Designer
- Custom Fields in IFS Enterprise Explorer can also be used as Custom Attributes once upgraded.











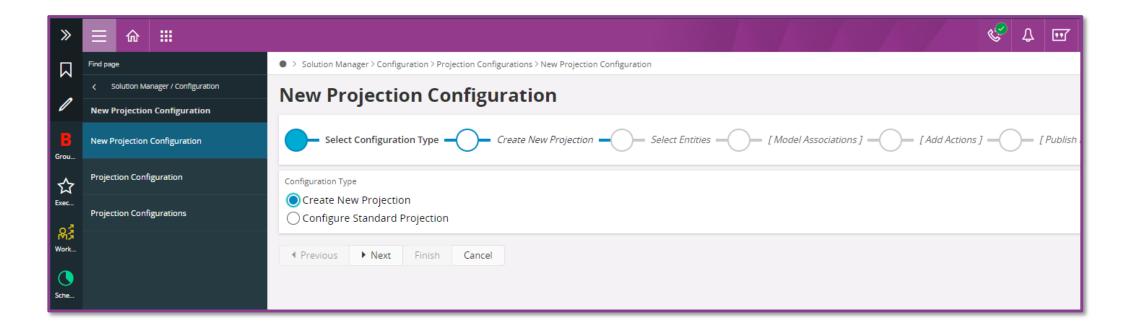
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DEVELOPMENT & EXTENSIBILITY



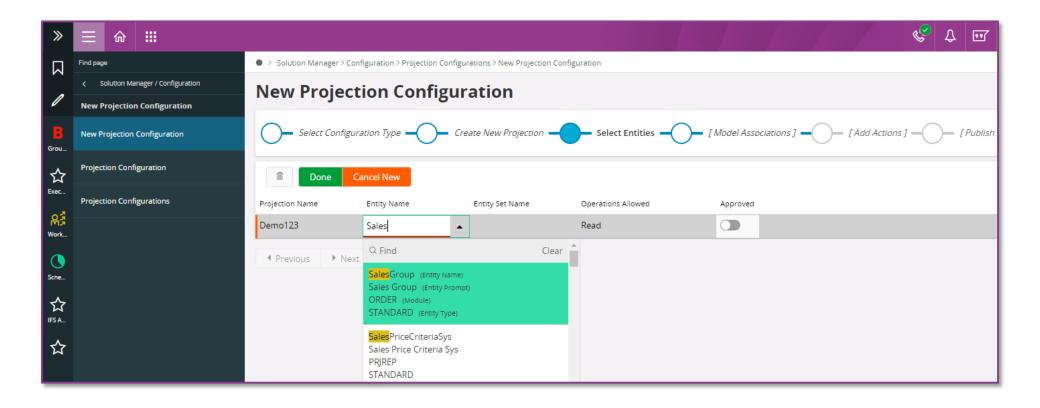
USING CUSTOM PROJECTIONS

- IFS Cloud pages are populated based on data retrieved through a Projection
- It is possible to create Custom Projections as well as configure the Standard Projections
- This is done through 'New Projection Configuration' assistant



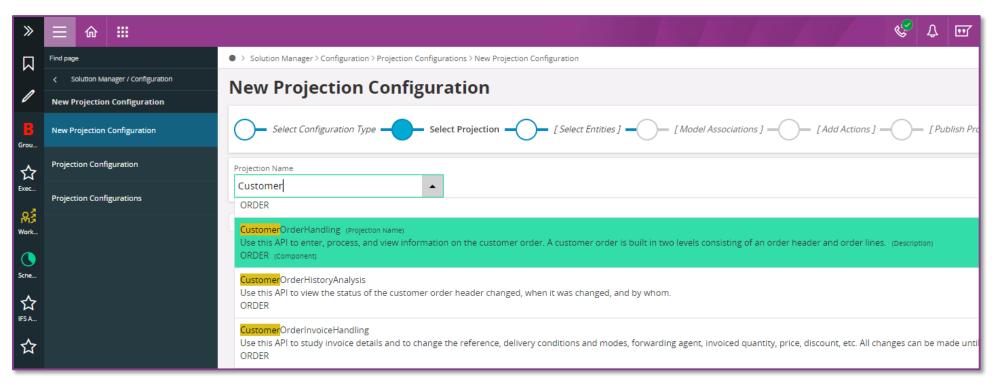
CREATE NEW PROJECTION

- You can create a new Projection and add either Custom Entities or Standard Entities into it.
- This Custom Projection can be then used to create a Custom Page, which can then be configured using the Page Designer.



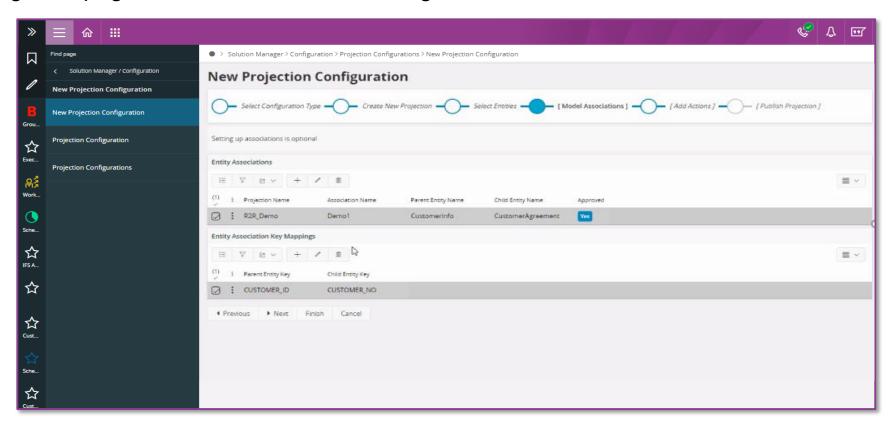
CONFIGURE STANDARD PROJECTION

- It is possible to configure existing Standard Projections also.
- They can be configured to add either Custom Entities or Standard Entities into it.
- Once configured, Standard Pages consuming those Standard Projections can then be configured using the Page Designer



ADDING ASSOCIATIONS

- Once you configure a projection by adding Entities, you can create Associations to define relationships between those Entities.
- This is useful to configure a page with a 'master-detail' configuration.







CUSTOM OBJECTS

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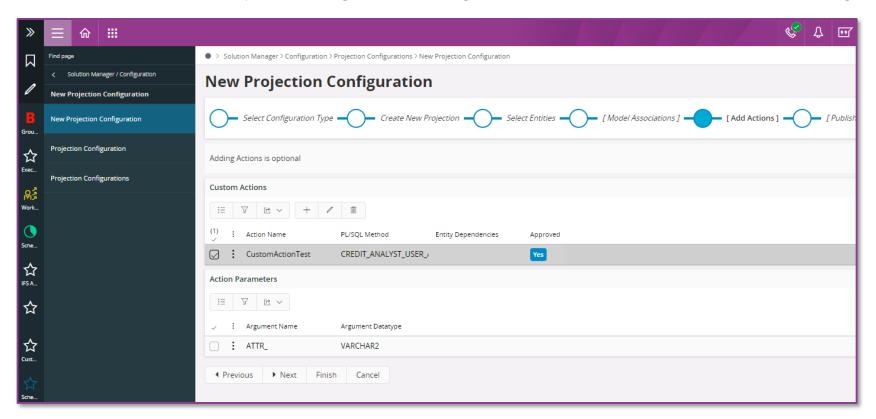
DEVELOPMENT & EXTENSIBILITY



CUSTOM ACTIONS AND COMMANDS

CUSTOM ACTIONS

- Custom Actions provides the possibility to add additional actions to Projections.
- As any Projection action, a Custom Action can be added as a command to a page.
- Custom Actions are defined in the Projection by referring an existing PL/SQL method in the business logic.



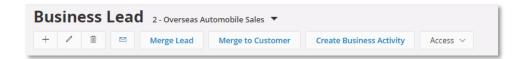


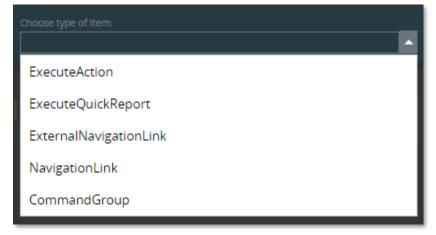
CUSTOM ACTIONS AND COMMANDS

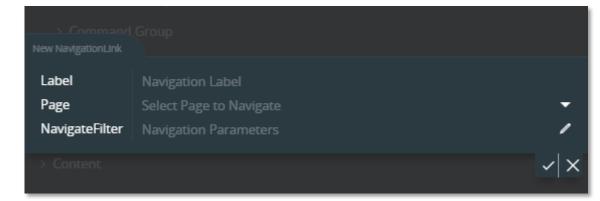
COMMANDS

 Commands are added as buttons to pages and can be added to the page top header and above lists and group sections

- They are added to Pages using the Page Designer
- Commands provides the functionality to:
 - Execute Projection Actions
 - Execute Quick Report
 - Navigate to external link
 - Navigate between pages













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DEVELOPMENT & EXTENSIBILITY



APPLICATION CONFIGURATION PACKAGES

CONFIGURATION EXPORT AND IMPORT

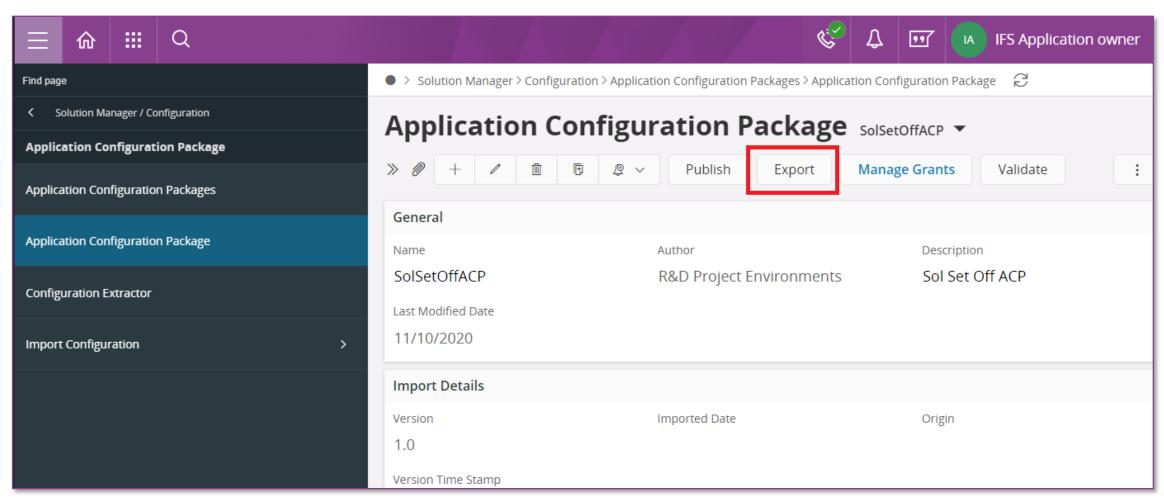
Configurations can be included in

Application Configuration Packages





EXPORTING AND IMPORTING CONFIGURATIONS





EXPORTING AND IMPORTING CONFIGURATIONS

