GeneXus by Globant

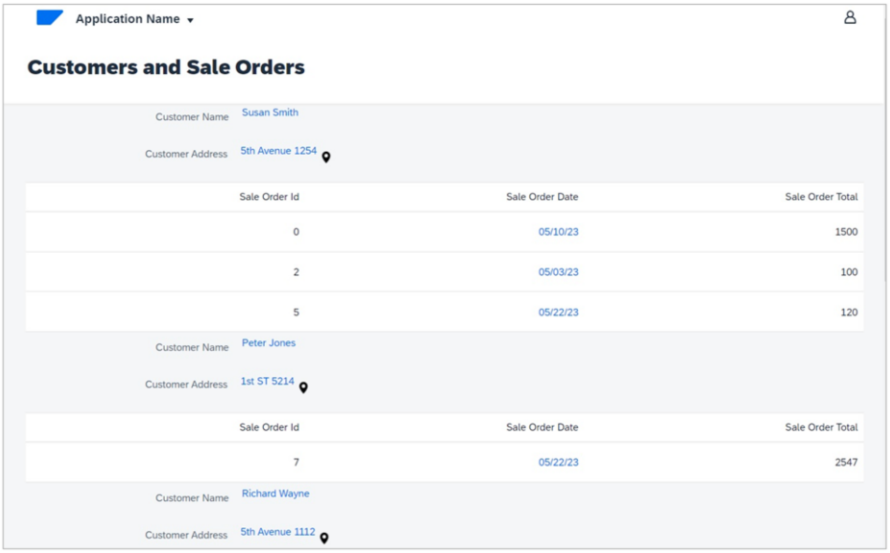
Using patterns: Fiori for Web applied to Web Panels

So far, we have seen the use of the Fiori for Web pattern applied to transactions, but we can also apply it to objects of Web Panel type.

Let's see a couple of examples.

Fiori for Web: Applied to Web Panels

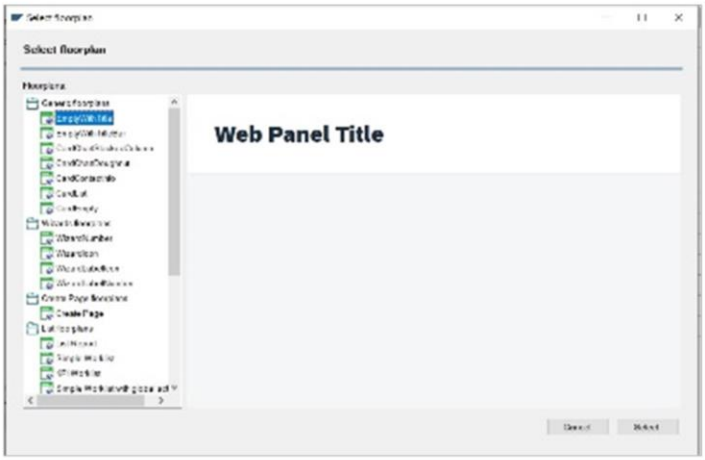
Example 1: Web Panel with base table and nested grids



First, we want a web panel with the Fiori design that shows the grouped information of all customers, each one with its set of sales orders.

Fiori for Web: Applied to Web Panels

Example 1: Web Panel with base table and nested grids

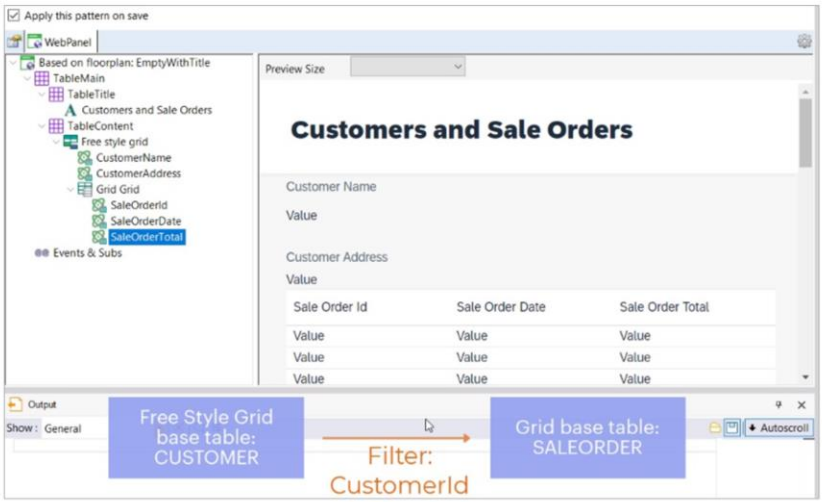


We go to GeneXus, and in our knowledge base we create a Web Panel named CustomersAndOrders.

We save it and note that like transactions, here we also see the Patterns tab. In this case, we choose an empty instance with only the title. We choose floorplan E Empty with Title.

Fiori for Web: Applied to Web Panels

Example 1: Web Panel with base table and nested grids



First, we click on the Title and in its Caption property we enter "Customers and Sales Orders".

Now in the Table Content node, we remove the Error Viewer, and add a Free Style Grid. With a right-click, we add the attributes we want to see. In this case, CustomerName and CustomerAddress.

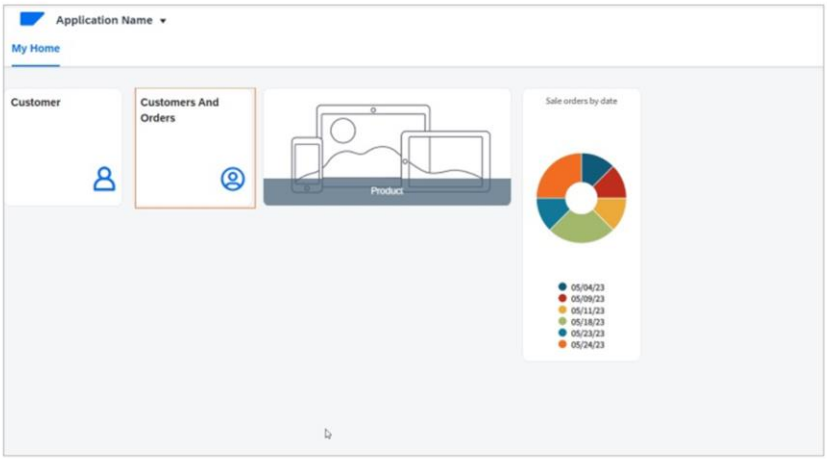
Since we also want to see the grouped set of orders for each customer, within the same Free Style Grid, we now add a Grid control... And inside it, the attributes we want to see: SalesOrderId, SalesOrderDate, and SalesOrderTotal.

Remember that based on the presence of these attributes, GeneXus will determine the base tables of each grid. Since in this case they are different related tables, it will apply filters automatically.

Therefore, for each customer it will show its set of sales orders.

Fiori for Web: Applied to Web Panels

Example 1: Web Panel with base table and nested grids

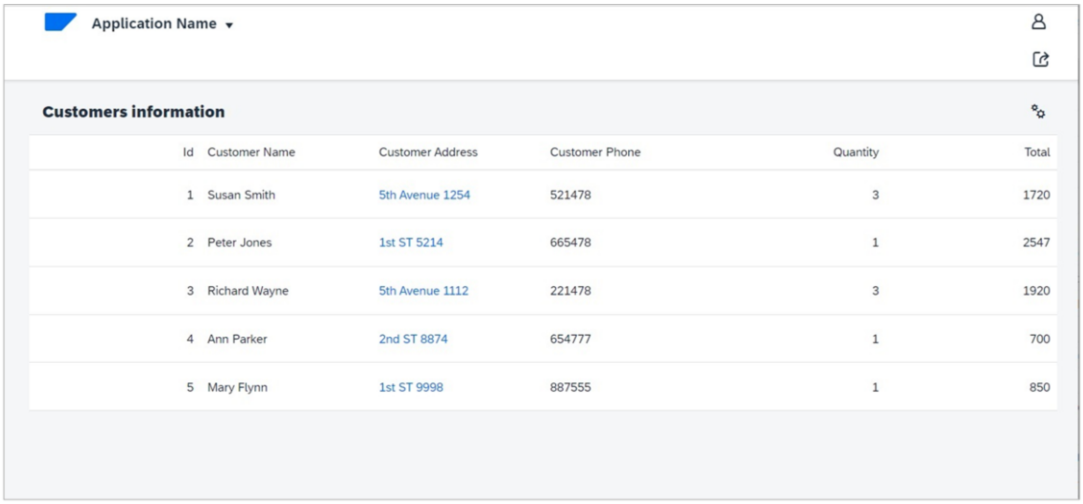


We need to include this Web panel in the launchpad and in the master page menu. We enable the corresponding properties and add the icon code that we have already searched for previously.

We press F5...

Fiori for Web: Applied to Web Panels

Example 2: Web Panel without base table

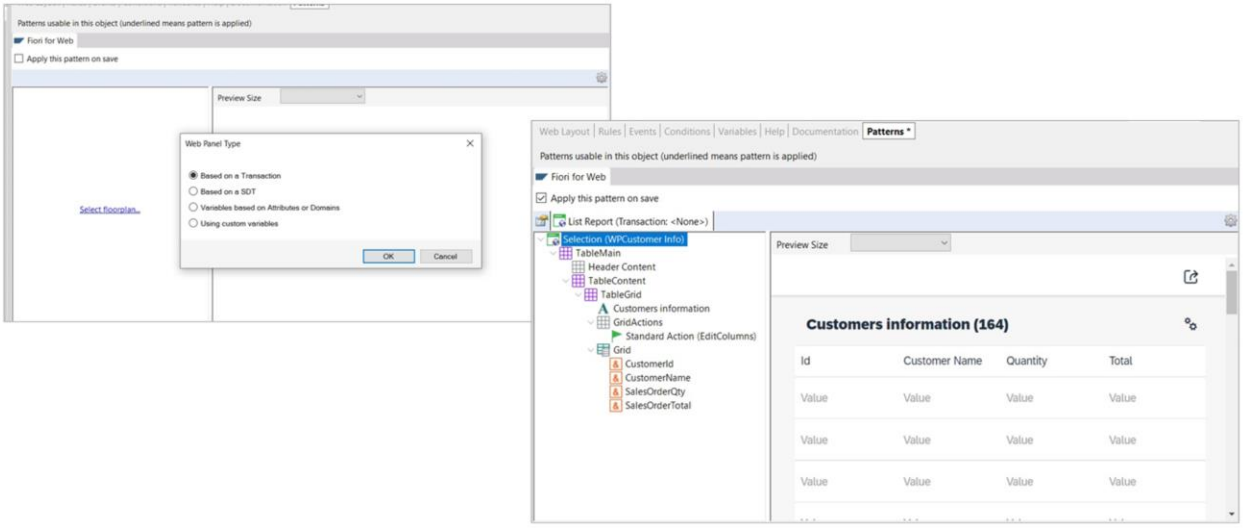


OK. Let's see another example.

We will create a Web panel without a base table that shows all customers, each one with the total sum of their sales orders, and the number of sales orders.

Fiori for Web: Applied to Web Panels

Example 2: Web Panel without base table



To do so, we create a new Web Panel, this time named CustomersGralInfo. We save it and go to the Patterns tab to initialize it this time as ListReport.

We have applied this floorplan before to a Transaction, but as we are now working with a Web panel, we are asked to indicate the origin of the data to be shown in the grid.

It can be:

- From a transaction.
- From an SDT; that is, from a structured data type.
- From variables based on attributes or domains.
- From user-defined variables.

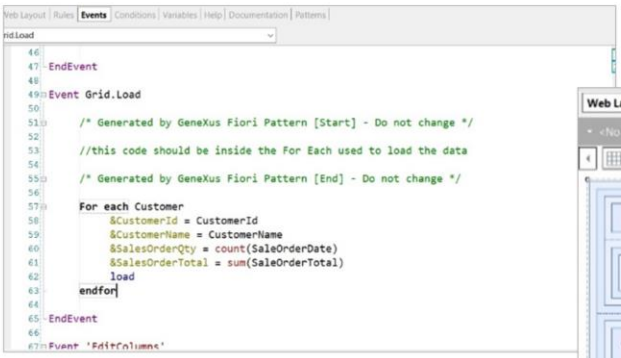
In our example, we are going to choose variables based on attributes or domains.

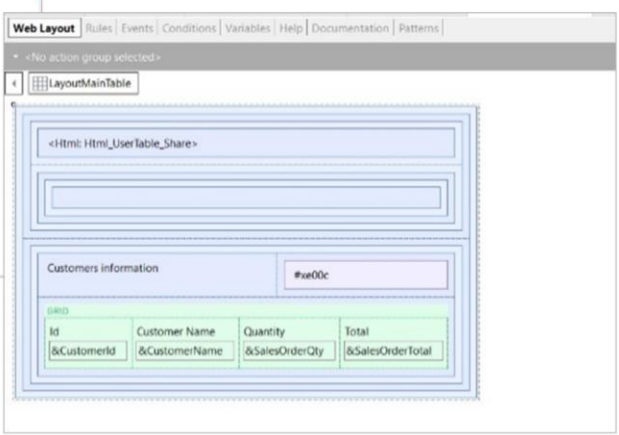
First, we select CustomerId., and we add the other variables we need.

CustomerName, CustomerAddress, and CustomerPhone based on attributes with the same name. Then we add the variable &SalesOrderTotal... And &SalesOrderQty with its corresponding description. Since we want to have a Web panel that shows information, we will remove the Insert, Update, and Delete actions. We customize the title. These are the definitions we have so far.

Fiori for Web: Applied to Web Panels

Example 2: Web Panel without base table





OK. Now we have a Web panel without a base table, so we must code the data loading in the Load event:

So we go to the events tab... And write the corresponding For each in the Load event.

We save and briefly look at the generated form.

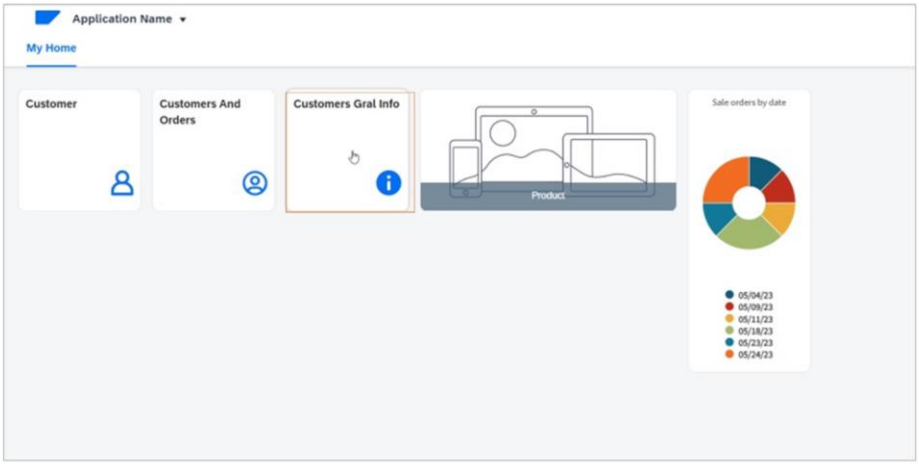
We still have to verify that this Web panel is included in the Fiori launchpad and include it in the Master page menu as well.

We configure the necessary properties...

And add the code of an icon that we have previously looked for...

Fiori for Web: Applied to Web Panels

Example 2: Web Panel without base table



Now we press F5 to see it running.

Next, we will see how to customize the Fiori launchpad to include a web panel that was previously created by the developer and has no instance of the Fiori for Web pattern applied.

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