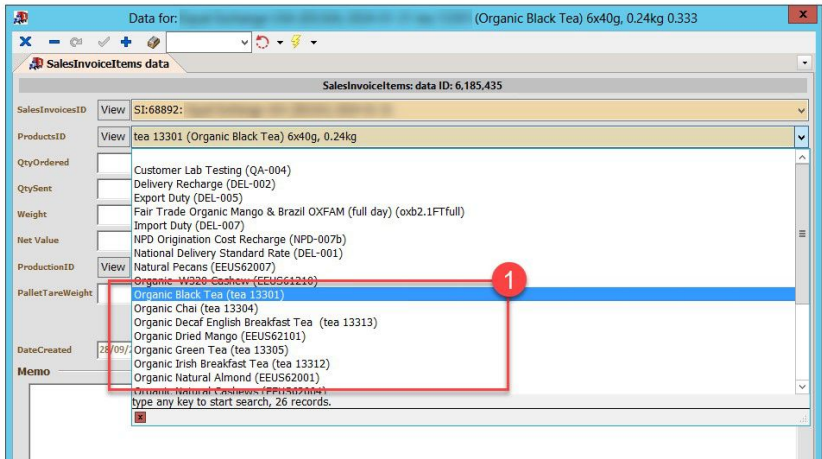# Altering Custom look-up lists in Edit Forms

> Orixa uses relationships between different data-tables in an App to link the App's logic together. When records are added to the database the exact details of which records are allowed to be linked together may need to be customized. The following article shows how to alter these linkages, without reprogramming your App.

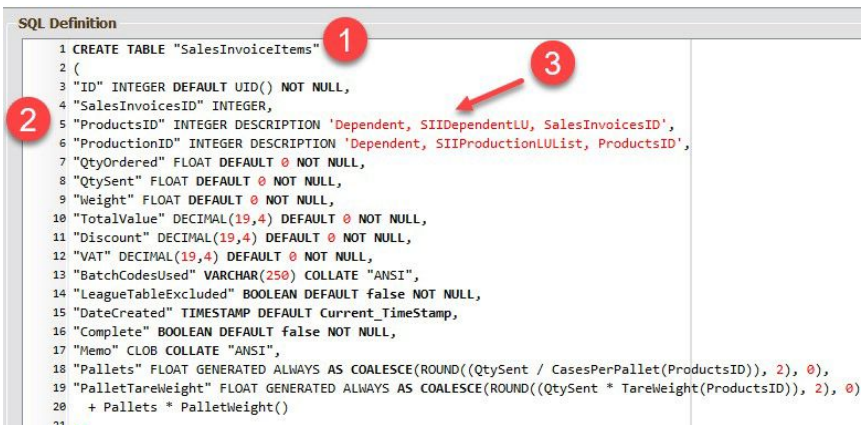## Altering a "Dependent" lookup on an Edit Form

Lookup list for Products in a Sales Invoice Item record

In the image above a typical Orixa system is shown with the user in the process of picking a product to add to a sales invoice item. Marked at "1" we can see some products which are present in the list.

How is the content of this list defined?

Without any programming, by default, Orixa will add a "full list" to every drop-down list. If it is a list of Customers,**all** Customers would be included. The list would be generated using the **DisplayScript** for the Customers "BusinessObjects" record.

If you want to customize this list, the first thing to do is to add a "decoration" to the database-table.

Data-table definition with look-up list decoration

1. Definition for the "Sales Invoice Items" data-table.

2. Field "ProductsID" links to the "Products" data-table, allowing the user to add any product to an invoice.

3. An additional decoration has been added to the ProductsID DESCRIPTION for the data-table. This alters the list of records the user will see when it drops-down

Types of decoration for lookup lists

Custom Lookup Lists

A decoration in the form:

```
DESCRIPTION 'Custom, [name-of-linked table], [name-of-resource]'
```

Will substitute the SQL used to generate the list. The BusinessObject display script will no longer be used. Instead the SQL in the Resource with the name given in "name-of-resource" will be used.
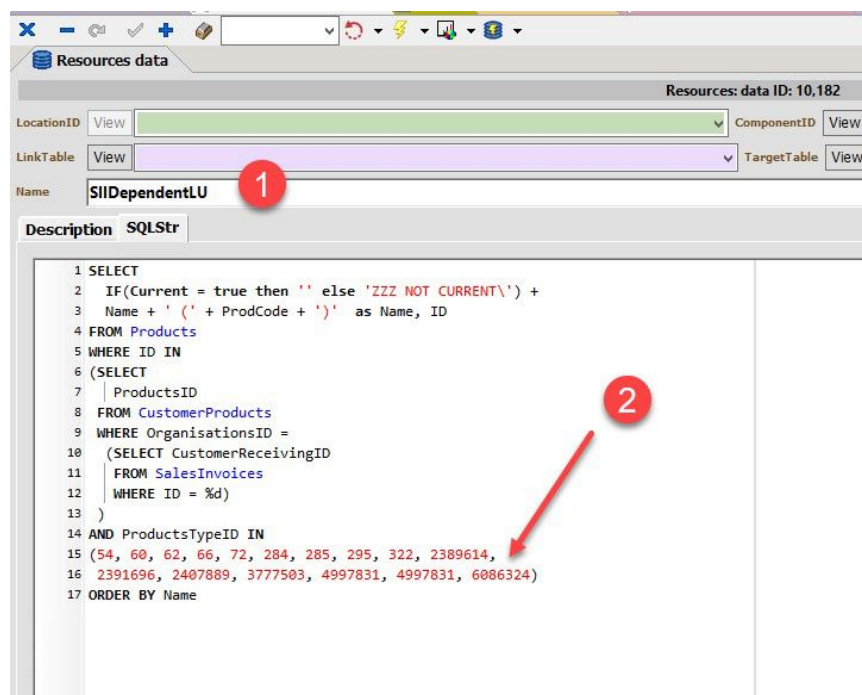
As this is a simple replacement, the replacement SQL should always create a simple list of data containing "Name" and "ID", as shown in the example below.

Dependent Lookup Lists

A decoration in the form:

```
DESCRIPTION 'Dependent, [name-of-resource], [name-of-linked-field]'
```

Will substitute the SQL used to generate the list, but with the additional control that the replacement SQL will take as a parameter the ID contained in the [name-of-linked-field]. This is explained in the example below.

Example Dependent Lookup SQL Resource

1. A record has been added to the "Resources" data-table. Note that the **name** used is the same as the name used in the data-table decoration shown in the previous image.

2. Note that in this look up list the records returned is a limited number based on the "ProductsTypeID".

ID	LinkTable	LinkField	Name	Description
54	Products	ProductsTypeID	SALES-Bar TW	
60	Products	ProductsTypeID	SALES-Non-Inventory Sale	
62	Products	ProductsTypeID	SALES-Formfill TW/EE	
66	Products	ProductsTypeID	SALES-Internal Processing ONLY	
67	Products	ProductsTypeID	PURCHASE-Non-Food Trading Purchase	
72	Products	ProductsTypeID	SALES-Trading Sale	
81	Products	ProductsTypeID	PURCHASE-Ingredient UK	
83	Products	ProductsTypeID	PURCHASE-Packaging Transport	
284	Products	ProductsTypeID	SALES-Bulk Internet	
285	Products	ProductsTypeID	SALES-Bar Contract	
295	Products	ProductsTypeID	SALES-EEUS VFF/Bulk	
322	Products	ProductsTypeID	SALES-Commodity	
1043785	Products	ProductsTypeID	PURCHASE-Ingredient International	
1240506	Products	ProductsTypeID	PURCHASE-PPE/Hygiene Consumable	
1302594	Products	ProductsTypeID	PURCHASE-Ingredient Process Aid	
1414268	Products	ProductsTypeID	PURCHASE-Production Trial	
2275269	Products	ProductsTypeID	PURCHASE-Packaging Free Issued	
2275273	Products	ProductsTypeID	PURCHASE-Ingredient Free Issued	
2389614	Products	ProductsTypeID	SALES-Bulk Factory	
2391696	Products	ProductsTypeID	SALES-Bulk Visual	
2407889	Products	ProductsTypeID	SALES-External Processing ONLY	Type to be used for goo
2567689	Products	ProductsTypeID	PURCHASE-Packaging Contact	
2567693	Products	ProductsTypeID	PURCHASE-Packaging Contact Free Issued	
3777503	Products	ProductsTypeID	PURCHASE-Non-Inventory Item	
4370713	Products	ProductsTypeID	PURCHASE-Production Consumable	
4400232	Products	ProductsTypeID	SALES-Internet VFF	
4997831	Products	ProductsTypeID	SALES-3rd Party Fulfi...	
6086324	Products	ProductsTypeID	SALES-Tea	
6007877	Products	ProductsTypeID	PURCHASE-EEUS Materials	

Products-types

When new Product-Types are added, these new products will **not** appear in the drop-down list until the new ID is added the the SQL Resource.