



DEVELOPER WORKSHOP



Solution - Create Master Data tables

For the Chicken table, here's an example of the code:

```

1  table 50120 Chicken
2  {
3      Caption = 'Chicken';
4      DataClassification = CustomerContent;
5
6      fields
7      {
8          field(1; "No."; Code[20])
9          {
10             DataClassification = CustomerContent;
11             Caption = 'No.';
12         }
13         field(2; Description; Text[100])
14         {
15             DataClassification = CustomerContent;
16             Caption = 'Description';
17         }
18         field(3; "Chicken Type Code"; Code[20])
19         {
20             DataClassification = CustomerContent;
21             TableRelation = "Chicken Type";
22             Caption = 'Chicken Type Code';
23         }
24         field(9; Picture; MediaSet)
25         {
26             DataClassification = CustomerContent;
27             Caption = 'Picture';
28         }
29         field(10; "Last Date Modified"; Date)
30         {
31             DataClassification = CustomerContent;
32             Caption = 'Last Date Modified';
33             Editable = false;
34         }
35     }
36
37     keys
38     {
39         key(PK; "No.")
40         {
41             Clustering = true;
42         }
43     }
44
45     fieldgroups
46     {
47         fieldgroup(DropDown; Description, "Chicken Type Code") { }
48         fieldgroup(Brick; Description, Picture) { }
49     }
50 }

```

To link a field to another table, you can use the **TableRelation** property. If you don't specify a field in the TableRelation, it will link to the primary key of the table.

You can set the **Editable** property to false on the table. This way you don't have to set this on every page where this field is used.

At the end you can defined the fieldgroups, where **DropDown** is used when this table is used in a TableRelation, and the **Brick** is used on a List page when you set the layout to a **tile layout**.

For the Chicken Type table, here's an example of the code:

The primary key for a supplemental table is **Code** and has a datatype of **Code[10]** or **Code[20]**.

```
table 50121 "Chicken Type"
{
    Caption = 'Chicken Type';
    DrillDownPageID = "Chicken Types";
    LookupPageID = "Chicken Types";
    DataClassification = CustomerContent;

    fields
    {
        4 references
        field(1; "Code"; Code[20])
        {
            DataClassification = CustomerContent;
            Caption = 'Chicken Type Code';
        }

        3 references
        field(2; Description; Text[100])
        {
            DataClassification = CustomerContent;
            Caption = 'Chicken Type Description';
        }
    }

    keys
    {
        - reference
        key(PK; "Code")
        {
            Clustered = true;
        }
    }
}
```

For the Egg Type table, here's an example of the code:

```

table 50123 "Egg Type"
{
    Caption = 'Egg Type';
    DrillDownPageID = "Egg Types";
    LookupPageID = "Egg Types";
    DataClassification = CustomerContent;

    fields
    {
        3 references
        field(1; "Code"; Code[20])
        {
            DataClassification = CustomerContent;
            Caption = 'Egg Type Code';
        }

        2 references
        field(2; Description; Text[100])
        {
            DataClassification = CustomerContent;
            Caption = 'Egg Type Description';
        }
    }

    keys
    {
        - reference
        key(Key1; "Code")
        {
            Clustered = true;
        }
    }
}

```

Complete and continue