

How Do I...

Add Gift Details to my report?

Problem

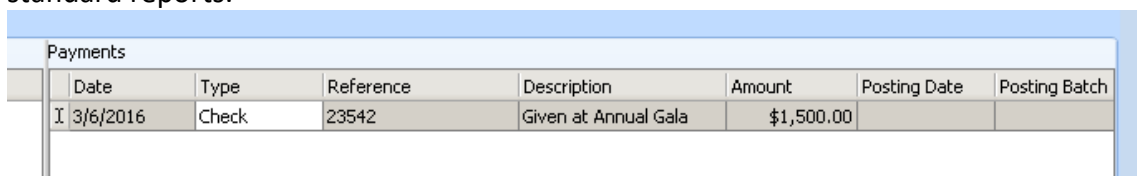
Many standard TCM reports show general gift information, but do not show detailed information such as Payment Reference or Description or even whether a Check or Credit Card was used.

Solution

By adding a few columns to the report, the report can easily be enriched with additional information.

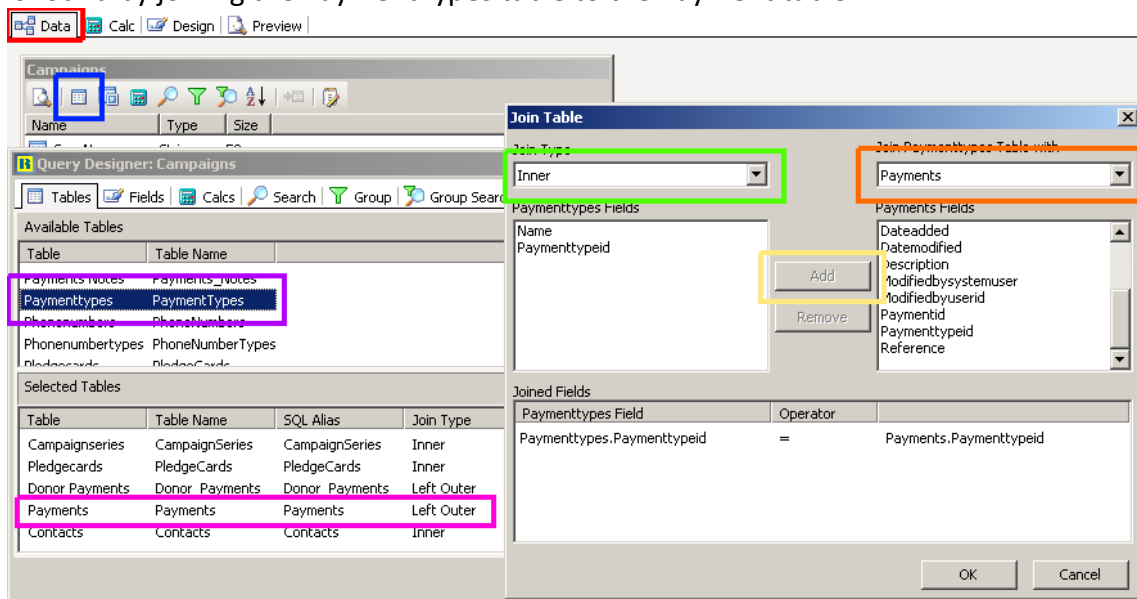
Process

1. Open your report for editing in TCM (Right click on the report and choose **Design**)
 - a. For this example, "F 4-Donor Listing" will be used.
2. Go to **File** → **Save As** and give it a new name. This will prevent any accidental loss of the standard reports.



| Payments | | | | | | | |
|----------|----------|-------|-----------|----------------------|------------|--------------|---------------|
| | Date | Type | Reference | Description | Amount | Posting Date | Posting Batch |
| I | 3/6/2016 | Check | 23542 | Given at Annual Gala | \$1,500.00 | | |

3. Determine which field needs to be added to the report. Generally the name in the application is similar to the database name. On the last page of this guide a schema diagram shows the fields and tables used by gifts in TCM.
4. This example requires Payment Type, Payment Reference and Payment Description.
5. The schema shows Reference and Description are in the Payments table. Payment Type is found by joining the PaymentTypes table to the Payment table.



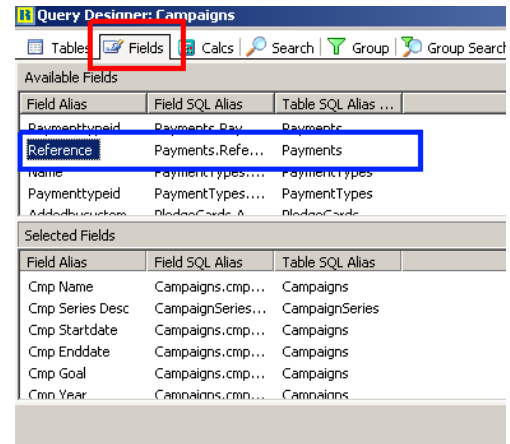
The screenshot shows the TCM Query Designer interface. The 'Data' tab is highlighted in red. The 'Join Table' dialog box is open, showing an inner join between the 'Payments' table and the 'PaymentTypes' table. The 'Payments' table is selected in the 'Join PaymentTypes Table with' dropdown. The 'PaymentTypes' table is selected in the 'PaymentTypes Fields' list. The 'Add' button is highlighted in yellow. The 'Selected Tables' list shows the following tables and their join types:

| Table | Table Name | SQL Alias | Join Type |
|----------------|----------------|----------------|------------|
| CampaignSeries | CampaignSeries | CampaignSeries | Inner |
| PledgeCards | PledgeCards | PledgeCards | Inner |
| Donor Payments | Donor Payments | Donor Payments | Left Outer |
| Payments | Payments | Payments | Left Outer |
| Contacts | Contacts | Contacts | Inner |

6. Go to the Data tab [RED] in the report.

How Do I...

7. Click on the Tables icon [BLUE] and validate the two tables are present in the query. Payments [PINK] is present, but Paymenttypes [PURPLE] is not. Double click on Paymenttypes to add it to the list.
8. Set the Join Type to Inner [GREEN] and the table to Payments [ORANGE]. This defines the linkage between Paymenttypes and Payments.
9. Select PaymentTypeID on both sides and click Add [YELLOW]. Click OK and Paymenttypes will appear in the table list.
10. Click on the second tab, Fields [RED], and add the three new fields by double clicking on them from the top to the bottom [BLUE].
11. Once complete, Click OK, and then return to the *Design* tab.
12. Add the new fields to the report and Save.



How Do I...

