Cross Linked Database Reporting

A new reporting engine for linked databases

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# Overview

This document describes the general setup and usage of the new reporting. This document does require you to be familiar with the BE database engine. If you have any difficulties please contact us and we can step you through how these reports can be set up and used. These reports are set up using the Data Profiling engine.

# Scenarios

There are many instances where a Parent and Child database are linked. Examples include

For HR training records

Parent = Staff Member

Child = Examination result

For Case management

Parent = Customer

Child = Case

For Order management

Parent = Order

Child = Order Item

For Billing management

Parent = Client

Child = Work Tickets

Setting up linked databases in BE is easy using the “Basic – Campaign Search” and “Basic – Campaign Listing” types when building databases.

The following example uses one of these set ups and builds a report to demonstrate the capabilities.

# Report Types

## Report 1 – Interactive

This report provides a handy way of managing both parent and child records.



As part of these reports mathematical functions can easily be included.



So as can be seen, the buttons on the left of each item allow quick access back into the records. Each report can be tailored to precise requirements on the parent level with all appropriate children being displayed beneath. The system when performing the maths can compensate for non-numeric data.

## Report 2 – Table

This generates the same as the above report but as a data table and it removes the OrderItem detail whilst retaining the calculations where appropriate.



## Report 3 – ChildListing

This generates a report with repeating parent data. This can be handy when exporting data for input into other systems. Each child line includes whatever Parent detail is selected.

