

Customers report example

Abstract

This report extrates some supposedly interesting data from the customers as recorded in the SalesTest data source. It aims at illustrating all the features of the GDA Report's engine which operates on XML data, in which some specific tags are interpreted when the engine is run to generate the final report.

The generated XML can then be converted into another format depending on the XML "dialect" of the specifications (DocBook, ...).

-- This text is from a parameter set in the code, not in the spec. file --

List of customers

Here is the list of customers, as per the database. The query executed to create the list of customers was created in the source code and declared to the GdaReportEngine object, so only its name is used in the report. The first two columns are data extracted as-is from the SELECT query, and the 3rd column's contents is some data computed using a "IF THEN ELSE" kind of statement.

<i>Id</i>	<i>Name</i>	<i>Country</i>
2	Ed Lamton	Country: SP
3	Lew Bonito	Country: FR
4	Mark Lawrence	Country: SP
9	Greg Popoff	Country: SP
10	Vladimir Zirkov	-Unknown-

Detailed customers' information

This section gives detailed information for each customer, it shows how to create nested report components: For each row of the data model containing the list of customers, some other SELECT queries are executed while referencing the ID of the customer. The SQL queries used here are directly defined into the spec. file.

Details for Ed Lamton

Here are the details for customer "Ed Lamton" such as the salesperson assigned to it, and the orders the customer has passed.

- Sales person: Tom Gregor
- No order yet!

Details for Lew Bonito

Here are the details for customer "Lew Bonito" such as the salesperson assigned to it, and the orders the customer has passed.

- Sales person: Chris Johnson
- Orders so far (4):

<i>Order date</i>	<i>Number of items in order</i>	<i>Delivery date</i>
2003-06-28	1	2004-02-01
2004-02-02	2	
2004-02-02	2	
2004-01-01	3	

Details for Mark Lawrence

Here are the details for customer "Mark Lawrence" such as the salesperson assigned to it, and the orders the customer has passed.

■ No salesRep!

■ Orders so far (2):

<i>Order date</i>	<i>Number of items in order</i>	<i>Delivery date</i>
2004-02-02	2	
2004-02-02	0	

Details for Greg Popoff

Here are the details for customer "Greg Popoff" such as the salesperson assigned to it, and the orders the customer has passed.

■ Sales person: Marc Swayn

■ Orders so far (1):

<i>Order date</i>	<i>Number of items in order</i>	<i>Delivery date</i>
2004-02-02	1	

Details for Vladimir Zirkov

Here are the details for customer "Vladimir Zirkov" such as the salesperson assigned to it, and the orders the customer has passed.

■ Sales person: Tom Gregor

■ No order yet!