



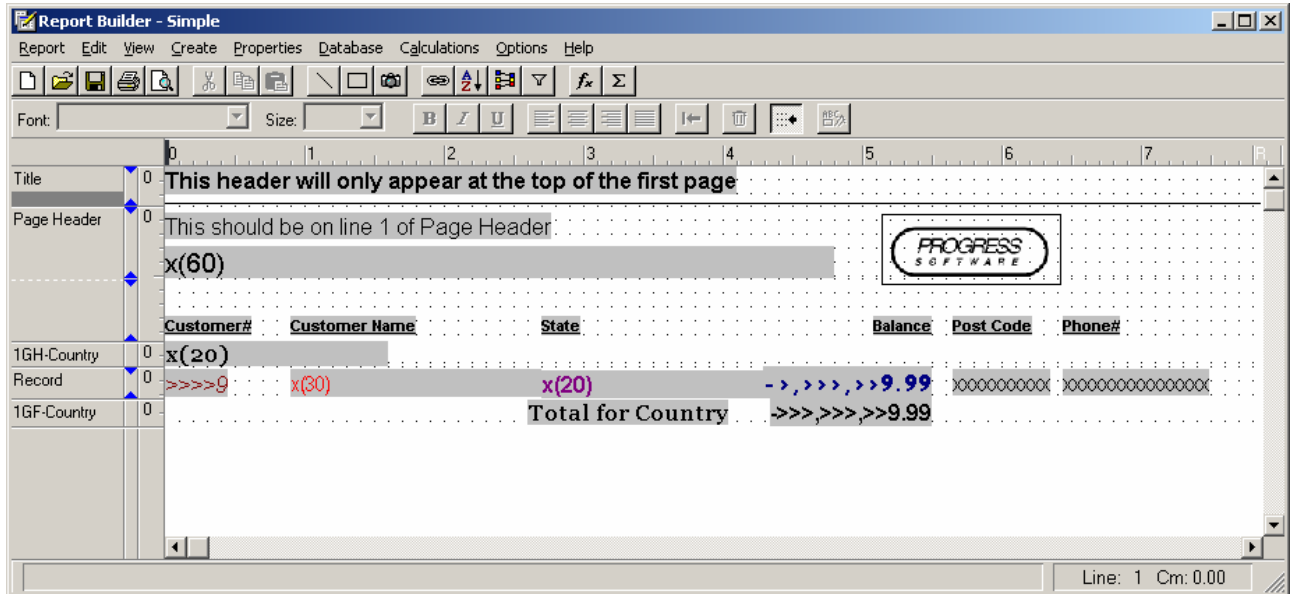
How To Create a Crystal Report Replacement for a Report Builder Report

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Creating a Crystal Replacement for a Report Builder Report

For an existing Progress Report Builder report shown below, this white paper will show the steps necessary to recreate similar functionality with Crystal Reports.

The existing Report Builder report looks as follows inside the Report Builder Designer:



The existing Report Builder report appears as follows inside the Preview window:

This header will only appear at the top of the first page					
This should be on line 1 of Page Header					
Customer Listing (Country = Usa)					
<u>Customer#</u>	<u>Customer Name</u>	<u>State</u>	<u>Balance</u>	<u>Post Code</u>	<u>Phone#</u>
USA					
1874	A P Sports	IL	9,317.69	60646	(773) 631-6868
1374	Academy Sports & Outdoors	TX	2,547.09	76015	(817) 472-9700
1331	Adin Supply Co	CA	2,019.74	96006	(916) 299-3249
1793	Adolphs Sporting Go	MA	3,994.03	02159	(617) 964-6633
1247	Adventure Out Inc	NY	1,025.91	12203	(518) 489-8100
1440	Aiken Sporting Goods	SC	8,424.96	29801	(803) 648-4208
2104	Alaska Par T Golf Pro Shop	AK	1,901.51	99518	(907) 344-5717
1510	All About Sports	OH	2,339.49	45431	(937) 427-2020
1356	All American Sports	UT	4,012.29	84321	(801) 753-5538
1355	Als Sporting Goods	UT	4,856.67	84321	(801) 752-5151
1721	Arcadia Sporting Goods	MO	894.38	63621	(573) 546-7616
1105	Arena Sporting Goods	WA	1,672.29	98110	(206) 842-7174
1764	Athletic Attic	ME	8,315.59	04210	(207) 786-2507

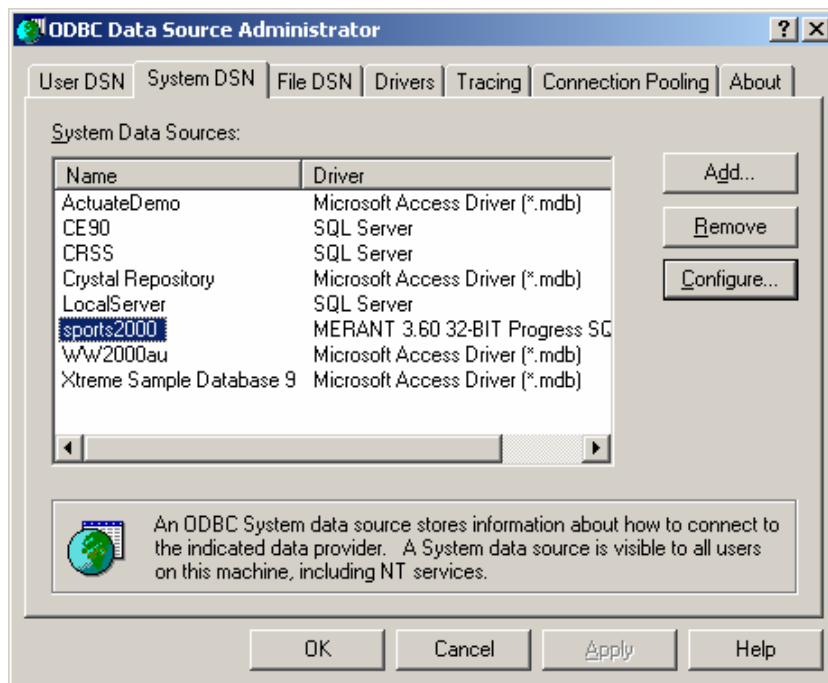
The general process for creating a report in Crystal Reports that is similar to a Report Builder report is as follows:

1. Create a blank report.
2. Insert a text object into the report header section.
3. Insert a text object and image into the page header section.
4. Select fields.
5. Complete the page header.
6. Insert a group:
7. Insert the record filter:
8. Set the sort sequence:

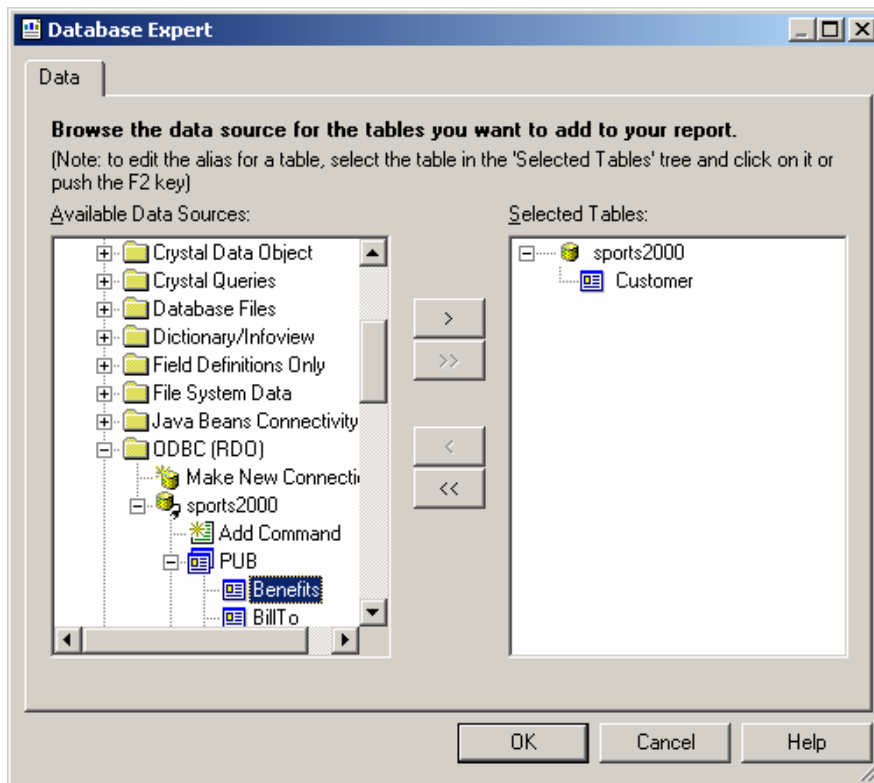
The remainder of this document provides step-by-step instructions for creating a report.

The first step is to create an ODBC data source to the Sports2000 database.

Report Builder only has the option of a Ruler in inches. Crystal Reports defaults to your Regional Settings, so if you desire to use an inch-ruler and your system is set to the metric system, you will need to change the Regional Settings on the Control Panel to be inches.



1. Start Crystal Reports.
2. Create a new Blank Report.
3. Create New Connection → ODBC (RDO) → sports2000 → Finish.
4. Expand PUB → Customer → Select ">" Button.



5. Choose Ok – Blank Report is created.

You can then insert a text object into the Report Header section by following these steps:

1. Enter “This header will only appear at the top of the first page”.
2. Place the text object in the top left corner.
3. Change the format to Arial – 12 Points – Bold.
4. Resize text object to fit text.
5. Insert a line underneath the text object, across the entire page.
6. Right-mouse-click on the Report Header section and choose “Fit Section”.

Insert a text object and image into the Page Header section:

1. Enter “This header will only appear at the top of the first page”.
2. Place the text object in the top left corner.
3. Change the format to Arial – 12 Points.
4. Resize text object to fit text.

Insert a Picture into the Page Header Section:

1. Pick an appropriate image (e.g. Progress Software logo)
2. Place the picture object at the 5.2-inch position in the Page Header section (Refer to Report Builder report for exact position).
3. Insert a box around the picture, as per Report Builder Report.
4. Resize picture and box appropriately.

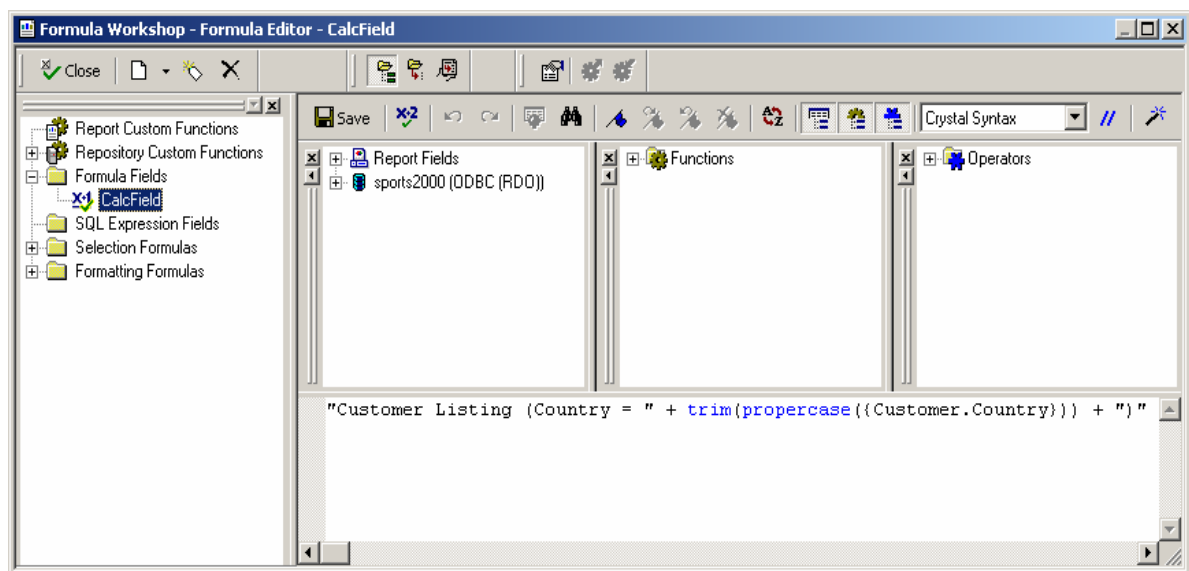
Design	
Report Header	This header will only appear at the top of the first page
Page Header	This should be on line 1 of page header
Details	
Report Footer	
Page Footer	

Open the Field Explorer to select the fields to include in the report:


1. Select Database Fields → Customer.
2. Insert CustNum, Name, State, Balance, PostalCode & Phone fields onto the Details Section.
3. Reposition and resize the fields according to the inches ruler in Report Builder.
4. Check the size and colour of the font on each field in Report Builder and set accordingly in Crystal Reports.
5. Right-mouse-click on the CustNum field and change the style to -1123.

These are the steps for completing the Page Header:

1. Change all the Column Headings of the fields to Arial – 8 Points, Bold, Underlined .
2. If necessary, increase the size of the Page Header section and move the column heading down underneath the picture.
3. In Report Builder, edit the Calculated Field “CalcField” and copy the expression to the clipboard: ("Customer Listing (Country = " + TRIM(INITIAL-CAPS(Country)) + ")").
4. In Crystal Reports, create a new Formula called CalcField and paste the expression from the clipboard. You will need to change the expression to use appropriate Crystal Syntax ("Customer Listing (Country = " + trim(propercase({Customer.Country})) + ")").




5. Insert the formula CalcField into the Page Header Section.
6. Change the format to Arial – 14 Points, Bold.

Design Preview	
Report Header	This header will only appear at the top of the first page
Page Header	This should be on line 1 of page header  @CalcField Cust Num Name State Balance PostalCode Phone
Details	Cust Num Name State Balance PostalCode Phone Cust Num Name State Balance PostalCode Phone
Report Footer	
Page Footer	Report Footer

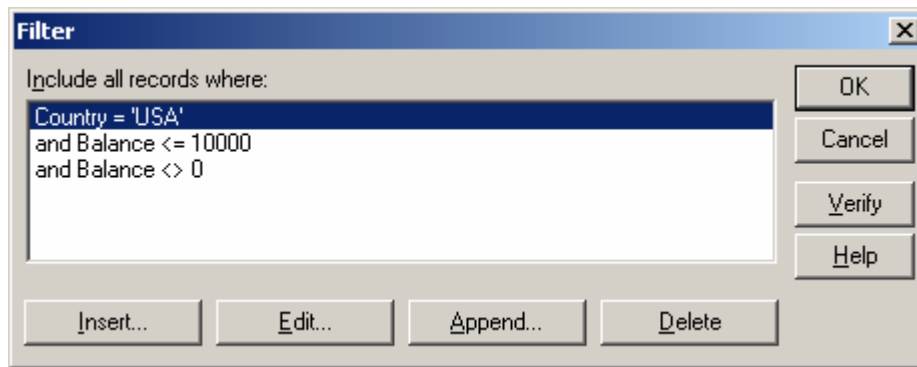
Follow these steps to insert a group:

1. Use the Group Expert to create an ascending group on the Customer.Country field.
2. Change the format of the Group Header field (Country) to Georgia – 12 Points, Bold.
3. Resize field to fit the text.
4. Right-mouse-click on the Balance Field → Insert → Summary, based on the group “Country”.
5. Change the Summary field format to Arial – 12 Points, Bold.
6. Right-align the summary field with the Balance field.
7. Insert a Text Object to the left of the summary field and enter “Total for Country” as the text.
8. Change the format to Georgia – 12 Points, Bold.

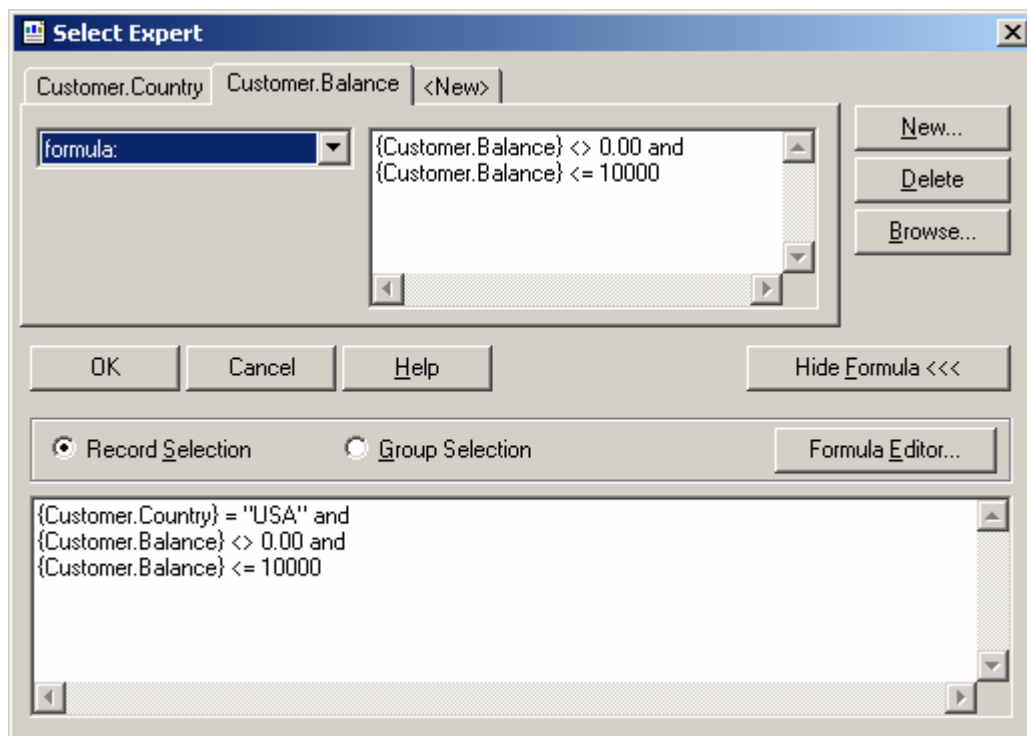
Design Preview	
Report Header	This header will only appear at the top of the first page
Page Header	This should be on line 1 of page header  @CalcField Cust Num Name State Balance PostalCode Phone
Group Header #1: Customer.Country - A	Group #1 Name
Details	Cust Num Name State Balance PostalCode Phone Cust Num Name State Balance PostalCode Phone
Group Footer #1: Customer.Country - A	Total for Country Customer.Balance
Report Footer	
Page Footer	

Next, you insert the Record Filter by following these steps:

1. In Report Builder, make note of the filter settings.

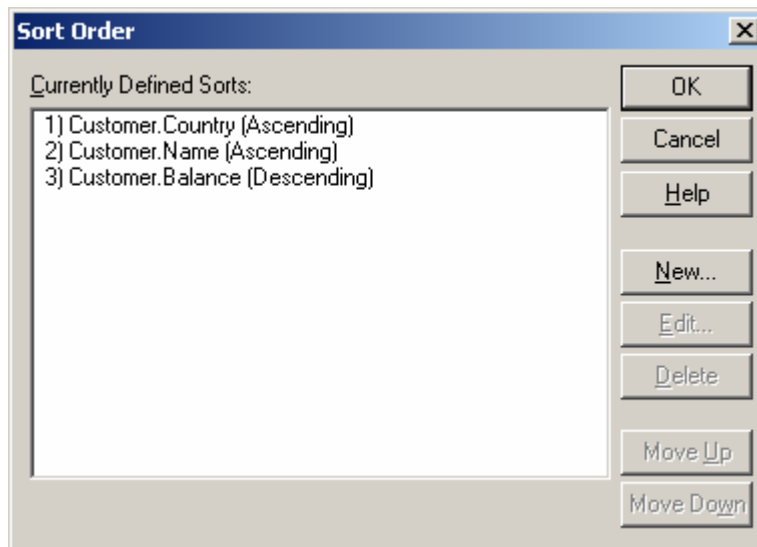


2. In Crystal Reports, go into the Select Expert and enter these filters for Country and Balance. Note – due to the fact that there are 2 filters on the Balance field, you will need to use a formula, as follows:

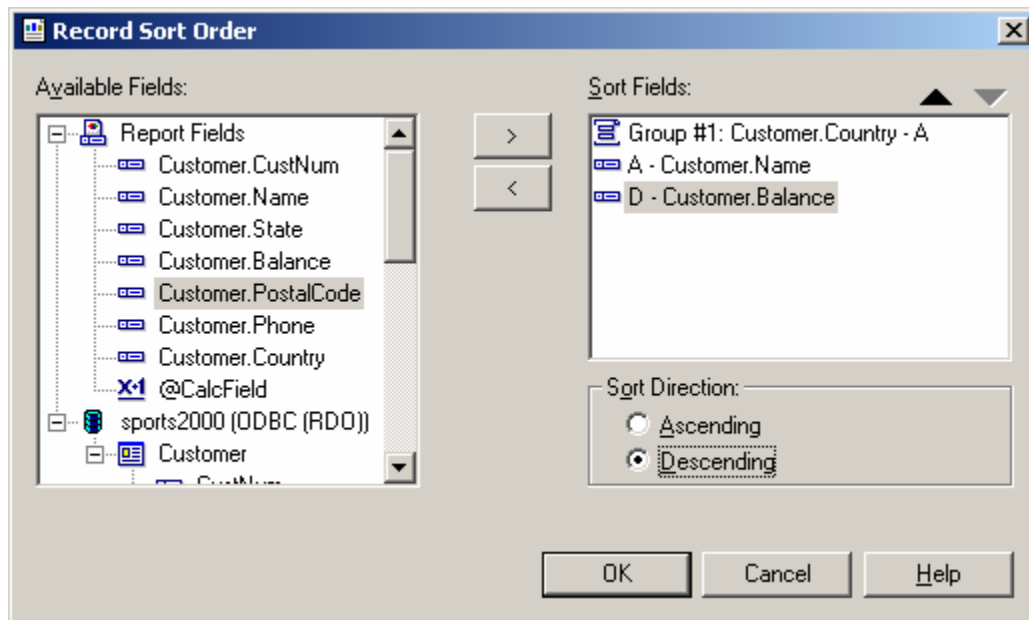


Now, you have to set the sort sequence:


1. In Report Builder, make note of the sort setting.



2. In Crystal Reports, go into the Sort Expert and set the sort sequence.



Your report should now be complete and will look as follows in Crystal Reports:

This header will only appear at the top of the first page					
This should be on line 1 of page header					
					
Customer Listing (Country = Usa)					
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USA					
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