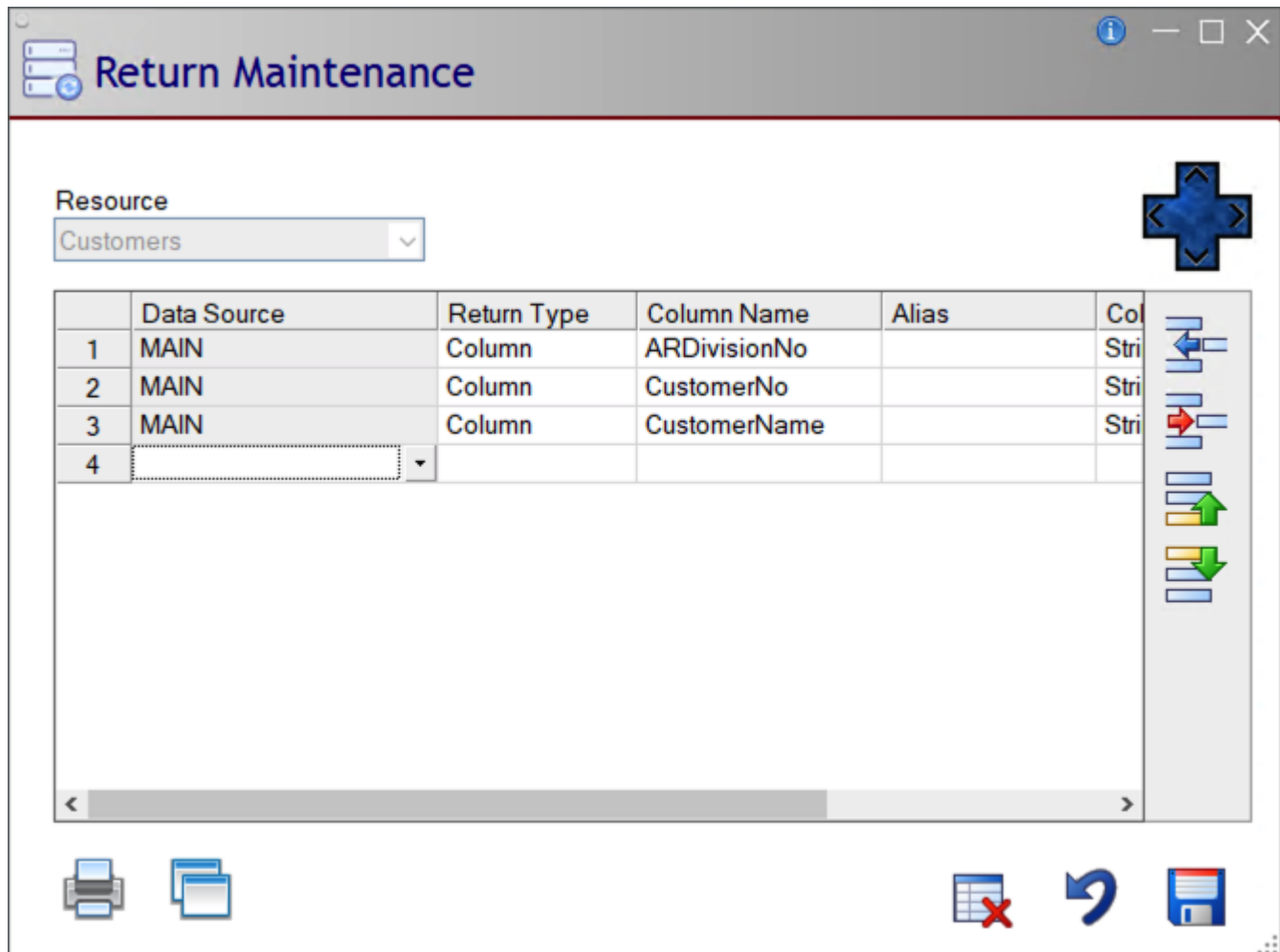


Table of Contents

Return Maintenance	3
Navigation	3
Buttons	4
Fields	4
Resource	4
Sage Business Object	4
Return Grid	4
Data Source	4
Return Type	5
Column Name	5
Alias	5
Table Name	5
Column Type	6
Detail Only	6
Expression	6
Skip Conditional	6
Running Total	7

Return Maintenance





When requesting data from SDE, you can return data from any Data Source in Resource Maintenance as the column name or as an alias. You can also return expressions. Return Maintenance is found in **SDE Application | Developers | Return Maintenance**.



Resource
Customers







	Data Source	Return Type	Column Name	Alias	Col
1	MAIN	Column	ARDivisionNo		Stri
2	MAIN	Column	CustomerNo		Stri
3	MAIN	Column	CustomerName		Stri
4					

Navigation

	The Plus rocker button moves the record pointer to the first (top) of the table, last (bottom) of the table, and previous (left) or next (right) from the current position.
	The Delete button deletes the current record.
	The Cancel button does not save changes and clears the fields on the screen.
	The Save button saves the current record and clears the fields on the screen.

Buttons

There are six buttons on the Return Maintenance screen.

	The Print button will print the Return information.
	The Copy button copy another Returns' definitions to this Return.
	The Insert Row button will insert a new row at the current position.
	The Delete Row button will delete the current row.
	The Move Up Row button will move the current row up one row.
	The Move Down Row button will move the current row down one row.

Fields

The following are the fields available on the **Return Maintenance** Screen.

Resource

Select any Data Source available from the Resources' Business Object.

Sage Business Object

The documents posted to SDE use the business object to post data.

Return Grid

Data Source

Select any Data Source available from the Resources' Business Object.

Return Type

There are four selections for Return Type:

Selection	Description
Column	Return a column from the Data Source
Expression	Return the results of a string or numeric expression using columns from the Data Source
	An expression could be an invoice balance, totaling the Taxable and Non-Taxable Sales, the Freight and Sales Tax on an invoice.
Skip Conditional	Skips the current record based on the binary result of the Expression
	You may not want to return Component Items on a Sales Order.
Running Total	Returns the total of a numeric Expression based on columns in the Detail Data Source
	You may need the total quantity of all the items on the Sales Order.

Column Name

Select the Column you want to return. If you are returning an expression, Column Name will be locked.

Alias

Enter an Alias if you want to return the value of the column as an alias. For example, a User Defined Field in your system, "UDF_LEAD_TIME", can be returned as "leadtime". Expressions require an Alias.

If you selected Maintain Case in Resource Maintenance, you might use Alias to change the case of a column name to match your requirements on the return. (i.e. Change "CustomerNo" to "customerNo".)

[http://sagedataexchange.com/videos/default.asp?video=XML Case Sensitivity&YouTube=11GhGh9xOE](http://sagedataexchange.com/videos/default.asp?video=XML%20Case%20Sensitivity&YouTube=11GhGh9xOE) target=_blank>[video]

Table Name

Name of the table associated with Main. (read-only)

Column Type

Is the column entered a String or Numeric?

Detail Only

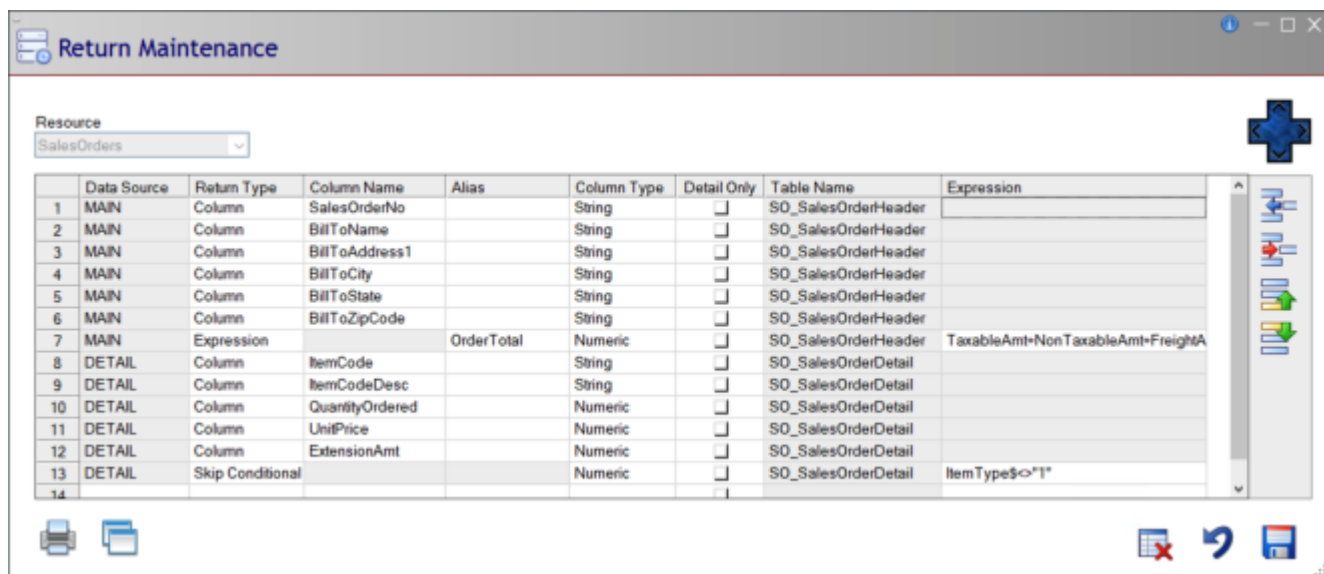
Return this field only if requesting a single entity. (Like one Sales Order, versus list of Sales Orders.)

Expression

Expressions are used for three Return Types; Expression, Skip Conditional, and Running Total. If returning an Expression, enter a string or numeric expression. The Skip Conditional Expression must return a numeric 0 or 1. The Running Total must return a numeric Expression. All the expressions must be valid PxPlus expressions.

Skip Conditional

Skip Conditional lines can added for the MAIN and DETAIL Data Sources. When more than one Skip Conditional is added to a given Data Source, the record will be skipped if any of the Expressions are true.



	Data Source	Return Type	Column Name	Alias	Column Type	Detail Only	Table Name	Expression
1	MAIN	Column	SalesOrderNo		String	<input type="checkbox"/>	SO_SalesOrderHeader	
2	MAIN	Column	BillToName		String	<input type="checkbox"/>	SO_SalesOrderHeader	
3	MAIN	Column	BillToAddress1		String	<input type="checkbox"/>	SO_SalesOrderHeader	
4	MAIN	Column	BillToCity		String	<input type="checkbox"/>	SO_SalesOrderHeader	
5	MAIN	Column	BillToState		String	<input type="checkbox"/>	SO_SalesOrderHeader	
6	MAIN	Column	BillToZipCode		String	<input type="checkbox"/>	SO_SalesOrderHeader	
7	MAIN	Expression		OrderTotal	Numeric	<input type="checkbox"/>	SO_SalesOrderHeader	TaxableAmt+NonTaxableAmt+FreightA
8	DETAIL	Column	ItemCode		String	<input type="checkbox"/>	SO_SalesOrderDetail	
9	DETAIL	Column	ItemCodeDesc		String	<input type="checkbox"/>	SO_SalesOrderDetail	
10	DETAIL	Column	QuantityOrdered		Numeric	<input type="checkbox"/>	SO_SalesOrderDetail	
11	DETAIL	Column	UnitPrice		Numeric	<input type="checkbox"/>	SO_SalesOrderDetail	
12	DETAIL	Column	ExtensionAmt		Numeric	<input type="checkbox"/>	SO_SalesOrderDetail	
13	DETAIL	Skip Conditional			Numeric	<input type="checkbox"/>	SO_SalesOrderDetail	ItemType\$<^1\$
14						<input type="checkbox"/>		

[Larger Image](#)

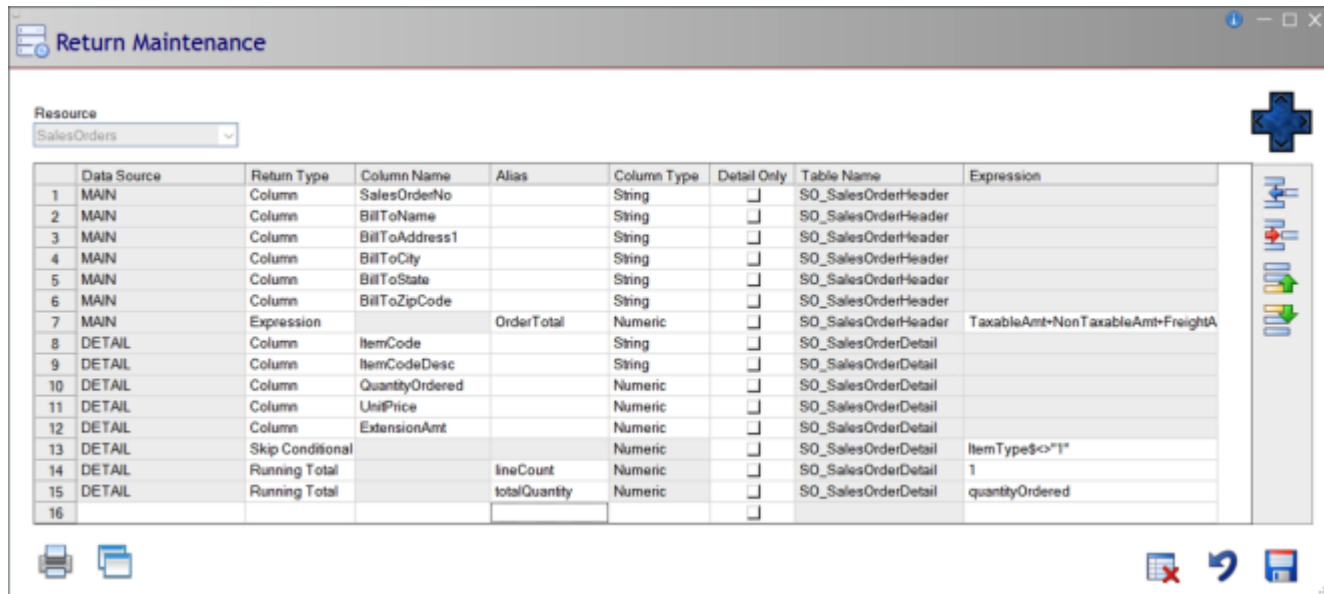
The image above shows a Skip Conditional entry for the Sales Order DETAIL Data Source. Note that the Column Name and Alias cells are locked. Column Type should be set to Numeric.

The Expression contains a PxPlus expression that evaluates to a 1 (true) or 0 (false). If the Expression is true, the record is skipped. In this case, only those Item Types set to "1" are returned, the rest are

skipped.

Running Total

Running Totals are set up in the DETAIL Data Source, but returned in the MAIN section of the XML or JSON. Running Totals require an Alias and are assumed to be numeric.



	Data Source	Return Type	Column Name	Alias	Column Type	Detail Only	Table Name	Expression
1	MAIN	Column	SalesOrderNo		String	<input type="checkbox"/>	SO_SalesOrderHeader	
2	MAIN	Column	BillToName		String	<input type="checkbox"/>	SO_SalesOrderHeader	
3	MAIN	Column	BillToAddress1		String	<input type="checkbox"/>	SO_SalesOrderHeader	
4	MAIN	Column	BillToCity		String	<input type="checkbox"/>	SO_SalesOrderHeader	
5	MAIN	Column	BillToState		String	<input type="checkbox"/>	SO_SalesOrderHeader	
6	MAIN	Column	BillToZipCode		String	<input type="checkbox"/>	SO_SalesOrderHeader	
7	MAIN	Expression		OrderTotal	Numeric	<input type="checkbox"/>	SO_SalesOrderHeader	TaxableAmt+NonTaxableAmt+FreightA
8	DETAIL	Column	ItemCode		String	<input type="checkbox"/>	SO_SalesOrderDetail	
9	DETAIL	Column	ItemCodeDesc		String	<input type="checkbox"/>	SO_SalesOrderDetail	
10	DETAIL	Column	QuantityOrdered		Numeric	<input type="checkbox"/>	SO_SalesOrderDetail	
11	DETAIL	Column	UnitPrice		Numeric	<input type="checkbox"/>	SO_SalesOrderDetail	
12	DETAIL	Column	ExtensionAmt		Numeric	<input type="checkbox"/>	SO_SalesOrderDetail	
13	DETAIL	Skip Conditional			Numeric	<input type="checkbox"/>	SO_SalesOrderDetail	ItemType<>"I"
14	DETAIL	Running Total		lineCount	Numeric	<input type="checkbox"/>	SO_SalesOrderDetail	1
15	DETAIL	Running Total		totalQuantity	Numeric	<input type="checkbox"/>	SO_SalesOrderDetail	quantityOrdered
16						<input type="checkbox"/>		

[Larger Image](#)

The Expression contains a PxPlus expression that evaluates to a numeric. You can enter multiple Running Totals.

From:
<http://wiki.mbabsi.com/> - **Documentation**

Permanent link:
<http://wiki.mbabsi.com/doku.php/enhancements/sage100/modules/sde/application/return-maintenance>

Last update: **11/13/2022 10:31**

