添加小计和其他聚合

C1FlexReport 在其所有计算字段中均支持聚合表达式。聚合表达式包括Sum，Min，Max，Avg，Count，Range，Var等。

所有聚合函数均将表达式作为参数，并在由其在报表中的位置所确定的范围内对其求值。例如，分组头部或底部的聚合表示该分组的范围。报表头部或底部中的聚合则包含整个报表的范围。

例如，以下聚合表达式将返回"销售"字段中聚合范围（组或报表）范围内所有值的总和：Sum(Sales)

以下汇总表达式将返回针对报表中所有值支付的营业税总额（假设营业税为8.5%）：Sum(Sales * 0.085)

下面的示例使用 Count聚合来计算属于指定名称的员工的记录数。

1. 在示例分组数据中创建的复选框事件（c1CheckBox1_CheckedChanged）中添加以下代码 。

```cs
Field f1 = new Field();
f1.Name = "CountRecords";
f1.Text = "Count(GrpTitle)";
f1.Left = 2000;
f1.Top = 500;
f1.Width = c1FlexReport1.Layout.Width - 2000;
f1.Height = 400;
f1.Align = FieldAlignEnum.LeftMiddle;
f1.MarginLeft = 100;
f1.Calculated = true;
f1.Visible = true;
f1.BackColor = Color.Yellow;
f1.Font.Bold = true;
f1.Font.Size = 10;
s.Fields.Add(f1);
TextField tf = new TextField();
tf.Name = "Text";
tf.Text = "Number Of Records: ";
tf.Left = 0;
tf.Top = 500;
tf.Width = c1FlexReport1.Layout.Width - f1.Width;
tf.Height = 400;
tf.Align = FieldAlignEnum.LeftMiddle;
tf.Font.Bold = true;
tf.Font.Size = 10;
tf.BackColor = Color.Transparent;
tf.BackColor = Color.Yellow;
tf.MarginLeft = 100;
tf.Visible = true;
s.Fields.Add(tf);
```

2. 运行项目。单击"Employees"按钮以呈现报表。
3. 单击"按职位分组报表"复选框，以查看报表中的分组。可以看到记录数是以每个组来计算的。

Employees Report

ID	First	Last	Title	Notes

Inside Sales Coordinator

Number Of Records: 1

ID	First	Last	Title	Notes
8	Laura	Callahan	Inside Sales Coordinator	Laura received a BA in psychology from the University of Washington. She has also completed a course in business French. She reads and writes French.

Sales Manager

Number Of Records: 1

ID	First	Last	Title	Notes
5	Steven	Buchanan	Sales Manager	Steven Buchanan graduated from St. Andrews University, Scotland, with a BSC degree in 1976. Upon joining the company as a sales representative in 1992, he spent 6 months in an orientation program at the Seattle office and then returned to his permanent post in London. He was promoted to sales manager in March 1993. Mr. Buchanan has completed the courses "Successful Telemarketing" and "International Sales Management." He is fluent in French.

Sales Representative

Number Of Records: 6

ID	First	Last	Title	Notes
1	Nancy	Davolio	Sales Representative	Education includes a BA in psychology from Colorado State University in 1970. She also completed "The Art of the Cold Call." Nancy is a member of Toastmasters International.
3	Janet	Leverling	Sales Representative	Janet has a BS degree in chemistry from Boston College (1984). She has also completed a certificate program in food retailing management. Janet was hired as a sales associate in 1991 and promoted to sales representative in February 1992.
4	Margaret	Peacock	Sales Representative	Margaret holds a BA in English literature from Concordia College (1958) and an MA from the American Institute of Culinary Arts (1966). She was assigned to the London office temporarily from July through November 1992.
6	Michael	Suyama	Sales Representative	Michael is a graduate of Sussex University (MA, economics, 1983) and the University of California at Los Angeles (MBA, marketing, 1986). He has also taken the courses "Multi-Cultural Selling" and "Time Management for the Sales Professional." He is fluent in Japanese and can read and write French, Portuguese, and Spanish.
7	Robert	King	Sales Representative	Robert King served in the Peace Corps and traveled extensively before completing his degree in English at the University of Michigan in 1992, the year he joined the company. After completing a course entitled "Selling in Europe," he was transferred to the London office in March 1993.
9	Anne	Dodsworth	Sales Representative	Anne has a BA degree in English from St. Lawrence College. She is fluent in French and German.