

给表格绑定数据

你可以使用单元格级别的数据绑定来给表格绑定数据。

表格的数据绑定为双向绑定。

如果你要给 表格 绑定一个数据源，你需要先给工作表绑定一个数据源，然后在 `Table` 类中设置 `bindColumns` 和 `bindingPath` 。

你可以使用 `TableColumn` 类中的 `dataField` 和 `name` 方法设置表格的属性。

数据绑定遵循以下规则：

1. 在表格中修改数据将会触发数据同步操作
2. 在表格中新增一条记录将会触发数据同步操作
3. 添加或者删除列不会触发数据同步操作
4. 删除表格，缩放，移动或清空表格不会触发数据同步操作
5. 表格在绑定数据源时会自动调整行数（列数将保持不变）
6. 表格中的公式不会被存入数据源。

参考代码

以下代码给表格绑定了一个数据源。

JavaScript

```
$(function () {
    //Generate two data sources
    function Company(name, logo, slogan, address, city, phone, email) {
        this.name = name;
        this.logo = logo;
        this.slogan = slogan;
        this.address = address;
        this.city = city;
        this.phone = phone;
        this.email = email;
    }
    function Customer(id, name, company) {
        this.id = id;
        this.name = name;
        this.company = company;
    }
    function Record(description, quantity, amount) {
        this.description = description;
        this.quantity = quantity;
        this.amount = amount;
    }
    function Invoice(company, number, date, customer, receiverCustomer,
records) {
        this.company = company;
        this.number = number;
        this.date = date;
        this.customer = customer;
        this.receiverCustomer = receiverCustomer;
        this.records = records;
    }
    var company1 = new Company("Baidu", null, "We know everything!",
"Beijing 1st road", "Beijing", "010-12345678", "baidu@baidu.com"),
        company2 = new Company("Tencent", null, "We have everything!",
"Shenzhen 2st road", "Shenzhen", "0755-12345678", "tencent@qq.com"),
        company3 = new Company("Alibaba", null, "We sell everything!",
"Hangzhou 3rd road", "Hangzhou", "0571-12345678",
"alibaba@alibaba.com"),
        customer1 = new Customer("A1", "employee 1", company2),
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        customer2 = new Customer("A2", "employee 2", company3),
        records1 = [new Record("Finance charge on overdue balance at
1.5%", 1, 150), new Record("Invoice #100 for $1000 on 2014/1/1", 1,
150)],
        records2 = [new Record("Purchase server device", 2, 15000), new
Record("Company travel", 100, 1500), new Record("Company Dinner", 100,
200)],
        invoice1 = new Invoice(company1, "00001", new Date(2014, 0, 1),
customer1, customer1, records1),
        invoice2 = new Invoice(company2, "00002", new Date(2014, 6, 6),
customer2, customer2, records2),
        dataSource1 = new
GC.Spread.Sheets.Bindings.CellBindingSource(invoice1),
        dataSource2 = new
GC.Spread.Sheets.Bindings.CellBindingSource(invoice2);
    function BindingPathCellType() {
        GC.Spread.Sheets.CellTypes.Text.call(this);
    }
    BindingPathCellType.prototype = new GC.Spread.Sheets.CellTypes.Text();
    BindingPathCellType.prototype.paint = function (ctx, value, x, y, w, h,
style, context) {
        if (value === null || value === undefined) {
            var sheet = context.sheet, row = context.row, col =
context.col;
            if (sheet && (row === 0 || !!row) && (col === 0 || !!col)) {
                var bindingPath = sheet.getBindingPath(context.row, context.col);
                if (bindingPath) {
                    value = "[" + bindingPath + "]";
                }
            }
        }
        GC.Spread.Sheets.CellTypes.Text.prototype.paint.apply(this,
arguments);
    };
    var spread = new
GC.Spread.Sheets.Workbook(document.getElementById("ss"), {sheetCount:
1});
    activeSheet = spread.getActiveSheet();
    spread.suspendPaint();
    activeSheet.name("FINANCE CHARGE");
    var bindingPathCellType = new BindingPathCellType();
    activeSheet.getCell(1,
2).bindingPath("company.slogan").cellType(bindingPathCellType).vAlign(GC
.Spread.Sheets.VerticalAlign.bottom);
    activeSheet.getCell(1,
4).value("INVOICE").foreColor("#58B6C0").font("33px Arial");
    activeSheet.getCell(3,
1).bindingPath("company.name").cellType(bindingPathCellType).foreColor("#58B6C0").font("bold 20px Arial");
    activeSheet.getCell(5,
1).bindingPath("company.address").cellType(bindingPathCellType);
    activeSheet.getCell(5, 3).value("INVOICE NO.").font("bold 15px Arial");
    activeSheet.getCell(5,
4).bindingPath("number").cellType(bindingPathCellType);
    activeSheet.getCell(6,
1).bindingPath("company.city").cellType(bindingPathCellType);
    activeSheet.getCell(6, 3).value("DATE").font("bold 15px Arial");

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        activeSheet.getCell(6,
4).bindingPath("date").cellType(bindingPathCellType).formatter("MM/dd/yyyy").hAlign(GC.Spread.Sheets.HorizontalAlign.left);
        activeSheet.getCell(7,
1).bindingPath("company.phone").cellType(bindingPathCellType);
        activeSheet.getCell(7, 3).value("CUSTOMER ID").font("bold 15px Arial");
        activeSheet.getCell(7,
4).bindingPath("customer.id").cellType(bindingPathCellType);
        activeSheet.getCell(8,
1).bindingPath("company.email").cellType(bindingPathCellType);
        activeSheet.getCell(10, 1).value("T0").font("bold 15px Arial");
        activeSheet.getCell(10, 3).value("SHIP T0").font("bold 15px Arial");
        activeSheet.getCell(11,
1).bindingPath("customer.name").cellType(bindingPathCellType).textIndent(10);
        activeSheet.getCell(12,
1).bindingPath("customer.company.name").cellType(bindingPathCellType).textIndent(10);
        activeSheet.getCell(13,
1).bindingPath("customer.company.address").cellType(bindingPathCellType).textIndent(10);
        activeSheet.getCell(14,
1).bindingPath("customer.company.city").cellType(bindingPathCellType).textIndent(10);
        activeSheet.getCell(15,
1).bindingPath("customer.company.phone").cellType(bindingPathCellType).textIndent(10);
        activeSheet.getCell(11,
4).bindingPath("receiverCustomer.name").cellType(bindingPathCellType);
        activeSheet.getCell(12,
4).bindingPath("receiverCustomer.company.name").cellType(bindingPathCellType);
        activeSheet.getCell(13,
4).bindingPath("receiverCustomer.company.address").cellType(bindingPathCellType);
        activeSheet.getCell(14,
4).bindingPath("receiverCustomer.company.city").cellType(bindingPathCellType);
        activeSheet.getCell(15,
4).bindingPath("receiverCustomer.company.phone").cellType(bindingPathCellType);
        activeSheet.addSpan(17, 1, 1, 2);
        activeSheet.getCell(17, 1).value("JOB").foreColor("#58B6C0").font("bold 12px Arial");
        activeSheet.addSpan(17, 3, 1, 2);
        activeSheet.getCell(17, 3).value("PAYMENT TERMS").foreColor("#58B6C0").font("bold 12px Arial");
        activeSheet.addSpan(18, 1, 1, 2);
        activeSheet.getCell(18, 1).backColor("#DDF0F2");
        activeSheet.addSpan(18, 3, 1, 2);
        activeSheet.getCell(18, 3).value("Due on receipt").backColor("#DDF0F2").foreColor("#58B6C0").font("12px Arial");
        activeSheet.getRange(17, 1, 2, 4,
GC.Spread.Sheets.SheetArea.viewport).setBorder(new
GC.Spread.Sheets.LineBorder("#58B6C0", GC.Spread.Sheets.LineStyle.thin),
{
    top: true,

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        bottom: true,
        innerHorizontal: true
    });
    var table = activeSheet.tables.add("tableRecords", 20, 1, 4, 4,
GC.Spread.Sheets.Tables.TableThemes.light6);
    table.autoGenerateColumns(false);
    var tableColumn1 = new GC.Spread.Sheets.Tables.TableColumn();
    tableColumn1.name("DESCRIPTION");
    tableColumn1.dataField("description");
    var tableColumn2 = new GC.Spread.Sheets.Tables.TableColumn();
    tableColumn2.name("QUANTITY");
    tableColumn2.dataField("quantity");
    var tableColumn3 = new GC.Spread.Sheets.Tables.TableColumn();
    tableColumn3.name("AMOUNT");
    tableColumn3.dataField("amount");
    table.bindColumns([tableColumn1, tableColumn2, tableColumn3]);
    table.bindingPath("records");
    table.showFooter(true);
    table.setColumnName(3, "TOTAL");
    table.setColumnValue(2, "TOTAL DUE");
    table.setColumnDataFormula(3, "=[@QUANTITY]*[@AMOUNT]");
    table.setColumnFormula(3, "=SUBTOTAL(109,[TOTAL])");
    activeSheet.getCell(26, 1).formula('='+"Make all checks payable to
"&B4&". THANK YOU FOR YOUR BUSINESS!").foreColor("gray").font("italic
14px Arial");
    activeSheet.options.allowCellOverflow = true;
    //Adjust row height and column width
    activeSheet.setColumnWidth(0, 5);
    activeSheet.setColumnWidth(1, 300);
    activeSheet.setColumnWidth(2, 115);
    activeSheet.setColumnWidth(3, 125);
    activeSheet.setColumnWidth(4, 155);
    activeSheet.setRowHeight(0, 5);
    activeSheet.setRowHeight(1, 40);
    activeSheet.setRowHeight(2, 10);
    activeSheet.setRowHeight(17, 0);
    activeSheet.setRowHeight(18, 0);
    activeSheet.setRowHeight(19, 0);
    activeSheet.setRowHeight(25, 10);
    activeSheet.options.gridline = {showVerticalGridline: false,
showHorizontalGridline: false};
    //Set a data source
    //activeSheet.setDataSource(dataSource1);
    activeSheet.setDataSource(dataSource2);
    spread.resumePaint();

```

})

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