

# element-ui 实现行合并

[blog.csdn.net/u013558749/article/details/82257168](https://blog.csdn.net/u013558749/article/details/82257168)

目标样式：

商品类别	商品价格	商品名称	操作人员	更新时间
纺织品	36.00	男装上衣	小吴	2018-08-31
	36.00	男装裤子		
饮料	36.00	康师傅冰红茶	小吴	2018-08-31
纺织品	36.00	男装裤子	小王	2018-08-31
	36.00	旗袍		
	36.00	席子		

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首先先来看下我们拿到的返回数据：

```
tableData: [  
  {  
    productType: "纺织品",  
    price: 123,  
    productName: '男装上衣',  
    amount: 20,  
    operate_number: "20180831142020",  
    price: "36.00",  
    updateTime: "2018-08-31",  
    operator: "小吴"  
  }, {  
    productType: "纺织品",  
    price: 123,  
    productName: '男装裤子',  
    amount: 20,  
    operate_number: "20180831142020",  
    price: "36.00",  
    updateTime: "2018-08-31",  
    operator: "小吴"  
  }, {  
    productType: "饮料",  
    price: 123,  
    productName: '康师傅冰红茶',  
    amount: 20,  
    operate_number: "20180823142020",  
    price: "36.00",
```

```

    updateTime: "2018-08-31",
    operator: "小吴"
  }, {
    productType: "纺织品",
    price: 223,
    productName: '男装裤子',
    amount: 10,
    operate_number: "20180821142020",
    price: "36.00",
    updateTime: "2018-08-31",
    operator: "小王"
  }, {
    productType: "绸缎",
    price: 888,
    productName: '旗袍',
    amount: 200,
    operate_number: "20180821142020",
    price: "36.00",
    updateTime: "2018-08-31",
    operator: "小吴"
  }, {
    productType: "绸缎",
    price: 123,
    productName: '席子',
    amount: 20,
    operate_number: "20180821142020",
    price: "36.00",
    updateTime: "2018-08-31",
    operator: "小吴"
  },
]

```

我们需要将返回的数据按照该字段（operate\_number）进行处理。—— 将相同 operate\_number 的信息的索引进行对应存储。

```

getOrderNumber() {
  let OrderObj = {}
  this.tableData.forEach((element, index) => {
    element.rowIndex = index
    if (OrderObj[element.operate_number]) {
      OrderObj[element.operate_number].push(index)
    } else {
      OrderObj[element.operate_number] = []
      OrderObj[element.operate_number].push(index)
    }
  })

  // 将数组长度大于1的值 存储到this.OrderIndexArr（也就是需要合并的项）
  for (let k in OrderObj) {
    if (OrderObj[k].length > 1) {
      this.OrderIndexArr.push(OrderObj[k])
    }
  }
},

```

然后根据我们页面展示需要，控制哪一些列上的数据是需要进行展示的。

```
objectSpanMethod({row,column,rowIndex,columnIndex}) {
  if (columnIndex === 0 || columnIndex === 3 || columnIndex === 4) {
    for (let i = 0; i < this.OrderIndexArr.length; i++) {
      let element = this.OrderIndexArr[i]
      for (let j = 0; j < element.length; j++) {
        let item = element[j]
        if (rowIndex === item) {
          if (j === 0) {
            return {
              rowspan: element.length,
              colspan: 1
            }
          } else if (j !== 0) {
            return {
              rowspan: 0,
              colspan: 0
            }
          }
        }
      }
    }
  }
}
```

经过上述操作之后我们就能成功的绘制出如图所需要的效果了。##完整代码后面附上##

## 存在问题

不过这样的话会存在一个显示问题。就是当我们的鼠标滑过的时候，显示效果不佳，如下图所示：

商品类别	商品价格	商品名称	操作人员	更新时间
纺织品	36.00	男装上衣	小吴	2018-08-31
	36.00	男装裤子		
饮料	36.00	康师傅冰红茶	小吴	2018-08-31
纺织品	36.00	男装裤子	小王	2018-08-31
	36.00	旗袍		
	36.00	席子		

<https://blog.csdn.net/u013558749>

合并后的一行数据，滑过的时候效果就不对了，接下来我们就来解决一下这个问题，让效果能达到如下图所示：

商品类别	商品价格	商品名称	操作人员	更新时间
纺织品	36.00	男装上衣	小吴	2018-08-31
	36.00	男装裤子		
饮料	36.00	康师傅冰红茶	小吴	2018-08-31
纺织品	36.00	男装裤子	小王	2018-08-31
	36.00	旗袍		
	36.00	席子		

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## 关键词##: cell-mouse-enter cell-mouse-leave cell-class-name

通过触发鼠标划入，划出的时候单元格的样式：

```
tableRowClassName({row,rowIndex}) {  
  let arr = this.hoverOrderArr  
  for (let i = 0; i < arr.length; i++) {  
    if (rowIndex == arr[i]) {  
      return 'hovered-row'  
    }  
  }  
},
```

```

cellMouseEnter(row, column, cell, event) {
  this.rowIndex = row.rowIndex;
  this.hoverOrderArr = [];
  this.OrderIndexArr.forEach(element => {
    if (element.indexOf(this.rowIndex) >= 0) {
      this.hoverOrderArr = element
    }
  })
},

```

```

cellMouseLeave(row, column, cell, event) {
  this.rowIndex = '-1'
  this.hoverOrderArr = []
}

```

## 附上完整代码

---

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>element-ui实现合并单元格效果</title>
  <link href="https://unpkg.com/element-ui/lib/theme-chalk/index.css" rel="stylesheet">
  <style>
    .el-table .hovered-row {
      background: #f5f7fa;
    }
  </style>
</head>

<body>
  <div id="app">
    <el-table ref="multipleTable" border :span-method="objectSpanMethod" :cell-class-
name="tableRowClassName"
      @cell-mouse-leave="cellMouseLeave" @cell-mouse-enter="cellMouseEnter" :data="tableData"
style="width: 80%;margin:0 auto;">
      <el-table-column label="商品类别" align="center">
        <template slot-scope="scope" width="160">
          <div>{{scope.row.productType}}</div>
        </template>
      </el-table-column>
      <el-table-column label="商品价格" align="center">
        <template slot-scope="scope">
          <p>{{scope.row.price}}</p>
        </template>
      </el-table-column>
      <el-table-column label="商品名称" width="180px" align="center">
        <template slot-scope="scope">
          <p>{{scope.row.productName}}</p>

```

```

    </template>
  </el-table-column>
  <el-table-column label="操作人员" align="center">
    <template slot-scope="scope">
      <p>{{ scope.row.operator }}</p>
    </template>
  </el-table-column>
  <el-table-column prop="updateTime" label="更新时间" align="center">
  </el-table-column>
</el-table>
</div>
</body>
<script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
<script src="https://unpkg.com/element-ui/lib/index.js"></script>
<script>
new Vue({
  el: '#app',
  data: {
    tableData: [
      {
        productType: "纺织品",
        price: 123,
        productName: '男装上衣',
        amount: 20,
        operate_number: "20180831142020",
        price: "36.00",
        updateTime: "2018-08-31",
        operator: "小吴"
      },{
        productType: "纺织品",
        price: 123,
        productName: '男装裤子',
        amount: 20,
        operate_number: "20180831142020",
        price: "36.00",
        updateTime: "2018-08-31",
        operator: "小吴"
      },{
        productType: "饮料",
        price: 123,
        productName: '康师傅冰红茶',
        amount: 20,
        operate_number: "20180823142020",
        price: "36.00",
        updateTime: "2018-08-31",
        operator: "小吴"
      },{
        productType: "纺织品",
        price: 223,
        productName: '男装裤子',
        amount: 10,
        operate_number: "20180821142020",
        price: "36.00",
        updateTime: "2018-08-31",

```

```

    operator: "小王"
  },{
    productType: "绸缎",
    price: 888,
    productName: '旗袍',
    amount: 200,
    operate_number: "20180821142020",
    price: "36.00",
    updateTime: "2018-08-31",
    operator: "小吴"
  },{
    productType: "绸缎",
    price: 123,
    productName: '席子',
    amount: 20,
    operate_number: "20180821142020",
    price: "36.00",
    updateTime: "2018-08-31",
    operator: "小吴"
  },
],
rowIndex: '-1',
OrderIndexArr: [],
hoverOrderArr: []
},
mounted() {
  this.getOrderNumber()
},
methods: {

getOrderNumber() {
  let OrderObj = {}
  this.tableData.forEach((element, index) => {
    element.rowIndex = index
    if (OrderObj[element.operate_number]) {
      OrderObj[element.operate_number].push(index)
    } else {
      OrderObj[element.operate_number] = []
      OrderObj[element.operate_number].push(index)
    }
  })

  for (let k in OrderObj) {
    if (OrderObj[k].length > 1) {
      this.OrderIndexArr.push(OrderObj[k])
    }
  }
},

objectSpanMethod({row,column,rowIndex,columnIndex}) {
  if (columnIndex === 0 || columnIndex === 3 || columnIndex === 4) {

```

```

for (let i = 0; i < this.OrderIndexArr.length; i++) {
  let element = this.OrderIndexArr[i]
  for (let j = 0; j < element.length; j++) {
    let item = element[j]
    if (rowIndex == item) {
      if (j == 0) {
        return {
          rowspan: element.length,
          colspan: 1
        }
      } else if (j != 0) {
        return {
          rowspan: 0,
          colspan: 0
        }
      }
    }
  }
}
},

```

```

tableRowClassName({row,rowIndex}) {
  let arr = this.hoverOrderArr
  for (let i = 0; i < arr.length; i++) {
    if (rowIndex == arr[i]) {
      return 'hovered-row'
    }
  }
},

```

```

cellMouseEnter(row, column, cell, event) {
  this.rowIndex = row.rowIndex;
  this.hoverOrderArr = [];
  this.OrderIndexArr.forEach(element => {
    if (element.indexOf(this.rowIndex) >= 0) {
      this.hoverOrderArr = element
    }
  })
},

```

```

cellMouseLeave(row, column, cell, event) {
  this.rowIndex = '-1'
  this.hoverOrderArr = [];
}
})
</script>

```

```

</html>

```



## 参考

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[element-ui table :span-method \(行合并\)](#)