



链滴

char.js 的一个使用案例 - 饼状图

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原文链接: <https://ld246.com/article/1540797830496>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

```

<style>
  .contianer{
    width:500px;
    margin:auto;
    display:flex;
    justify-content: center;
    align-items: center;
    flex-wrap: wrap;
  }
  .btn{
    width: 50px;
  }
  #myChart{
    width:500px;
  }
</style>

<div id="app" class="contianer">
  <button @click="add" class="btn">添加</button>
  <button @click="reduce" class="btn">移除</button>
  <canvas id="myChart" style="display:none"></canvas>
</div>
<script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
<script src="https://cdn.jsdelivr.net/npm/chart.js/dist/chart.min.js"></script>
<!--<script src="js/vue-chart.js"></script>-->
<script>
var randomScalingFactor = function() {
  return Math.round(Math.random() * 100);
};
var getRandomColor = function(){
  return '#' +
    (function(color){
      return (color += '0123456789abcdef'[Math.floor(Math.random()*16)])
      && (color.length == 6) ? color : arguments.callee(color);
    })('');
}
var config = {
  type: 'pie',
  data: {
    datasets: [{
      data: [],
      backgroundColor: [],
      label: 'Dataset 1'
    }],
    labels: [
//      'red'
    ]
  },
  options: {
    responsive: true,
    backgroundColor: 'rgba(0, 150, 100, 0.9)'
  }
}

```

```

};
var app = new Vue({
  el: '#app',
  data: {
    conf:this.config
  },
  methods:{
    add:function(){
      var rand=window.randomScalingFactor()
      if(this.conf.data.datasets[0].data.length<1){
        document.getElementById('myChart').style.display='inline'
      }
      this.conf.data.datasets[0].data.push(rand)
      this.conf.data.datasets[0].backgroundColor.push(window.getRandomColor())
      this.conf.data.labels.push(rand)
      window.yPie.update()
    },
    reduce:function(){
      this.conf.data.datasets[0].data.pop()
      this.conf.data.datasets[0].backgroundColor.pop()
      this.conf.data.labels.pop()
      window.yPie.update()
      if(this.conf.data.datasets[0].data.length<1){
        document.getElementById('myChart').style.display='none'
      }
    }
  },
  created: function () {}
})
var ctx = document.getElementById('myChart').getContext('2d');
window.yPie = new Chart(ctx, config);
</script>

```

```

<!DOCTYPE html>
<html lang="zh">
<head>
  <meta charset="UTF-8">
  <title>Title</title>
<style>
  .contianer{
    width:500px;
    margin:auto;
    display:flex;
    justify-content: center;
    align-items: center;
    flex-wrap: wrap;
  }
  .btn{
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  }
  #myChart{
    display:none;
    width:500px;
  }

```

```

</style>
</head>
<body>

<div id="app" class="contianer">
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  <button @click="reduce" class="btn">移除</button>
  <canvas id="myChart" ></canvas>
</div>
<script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/2.6.0/Chart.min.js"></script>
<!--<script src="js/vue-chart.js"></script-->
<script>
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      this.conf.data.datasets[0].data.push(rand)
      this.conf.data.datasets[0].backgroundColor.push(window.getRandomColor())
      this.conf.data.labels.push(rand)
    }
  }
});

```

```
    window.yPie.update()
  },
  reduce:function(){
    this.conf.data.datasets[0].data.pop()
    this.conf.data.datasets[0].backgroundColor.pop()
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    }
  }
},
created: function () {}
})
var ctx = document.getElementById('myChart').getContext('2d');
window.yPie = new Chart(ctx, config);
</script>

</body>
</html>
```