ECharts 入门

入门案例：销售柱状图

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```html
<!DOCTYPE html>
<html>
  <head>
    <script
src="https://cdn.jsdelivr.net/npm/echarts@4.7.0/dist/echarts.min.js
"></script>
    <style>
      #chart {
        width: 800px;
        height: 400px;
      }
    </style>
  </head>
  <body>
    <div id="chart"></div>
    <script>
      const chartDom = document.getElementById('chart')
      const chart = echarts.init(chartDom)
      chart.setOption({
        title: {
          text: '快速入门ECharts开发'
        },
        xAxis: {
          data: ['食品', '数码', '服饰', '箱包']
        },
        yAxis: {},
        series: {
          type: 'bar',
          data: [100, 120, 90, 150]
        }
      })
```

```
      </script>
    </body>
</html>
```

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> 思考：*ECharts* 的绘图流程是怎样的？

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1. 引入 js 库
2. 编写渲染容器 DOM，添加 width 和 height 样式属性
3. 获取渲染 DOM 对象
4. 初始化 ECharts 对象
5. 编写 option 参数
6. 调用 setOption 完成渲染
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进阶案例：多 **ECharts** 实例

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```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <script
src="https://cdn.jsdelivr.net/npm/echarts@4.7.0/dist/echarts.min.js
"></script>
    <style>
      #chart {
        width: 800px;
        height: 300px;
      }
      #chart2 {
        width: 800px;
        height: 300px;
      }
    </style>
  </head>
  <body>
```

```html
<div>这是第一个 echarts 图表</div>
<div id="chart"></div>
<div>这是第二个 echarts 图表</div>
<div id="chart2"></div>
<script>
  const chartDom = document.getElementById('chart')
  const chartDom2 = document.getElementById('chart2')
  const chart = echarts.init(chartDom)
  const chart2 = echarts.init(chartDom2)
  const option1 = {
    xAxis: {
      type: 'category',
      boundaryGap: false,
      data: ['Mon', 'Tue', 'Wed', 'Thu', 'Fri', 'Sat', 'Sun']
    },
    yAxis: {
      type: 'value'
    },
    series: [{
      data: [820, 932, 901, 934, 1290, 1330, 1320],
      type: 'line',
      areaStyle: {}
    }]
  };
  const option2 = {
    legend: {
      data: ['高度(km)与气温(°C)变化关系']
    },
    tooltip: {
      trigger: 'axis',
      formatter: 'Temperature : <br/>{b}km : {c}°C'
    },
    grid: {
      left: '3%',
      right: '4%',
      bottom: '3%',
      containLabel: true
    },
    xAxis: {
      type: 'value',
      axisLabel: {
        formatter: '{value} °C'
```

```
            }
        },
        yAxis: {
            type: 'category',
            axisLine: {onZero: false},
            axisLabel: {
                formatter: '{value} km'
            },
            boundaryGap: false,
            data: ['0', '10', '20', '30', '40', '50', '60', '70',
'80']
        },
        series: [{
            name: '高度(km)与气温(°C)变化关系',
            type: 'line',
            smooth: true,
            lineStyle: {
                width: 3,
                shadowColor: 'rgba(0,0,0,0.4)',
                shadowBlur: 10,
                shadowOffsetY: 10
            },
            data:[15, -50, -56.5, -46.5, -22.1, -2.5, -27.7, -55.7,
-76.5]
        }]
    }
    chart.setOption(option1)
    chart2.setOption(option2)
  </script>
 </body>
</html>
```

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