

# Megalo

## — 考拉的小程序解决方案



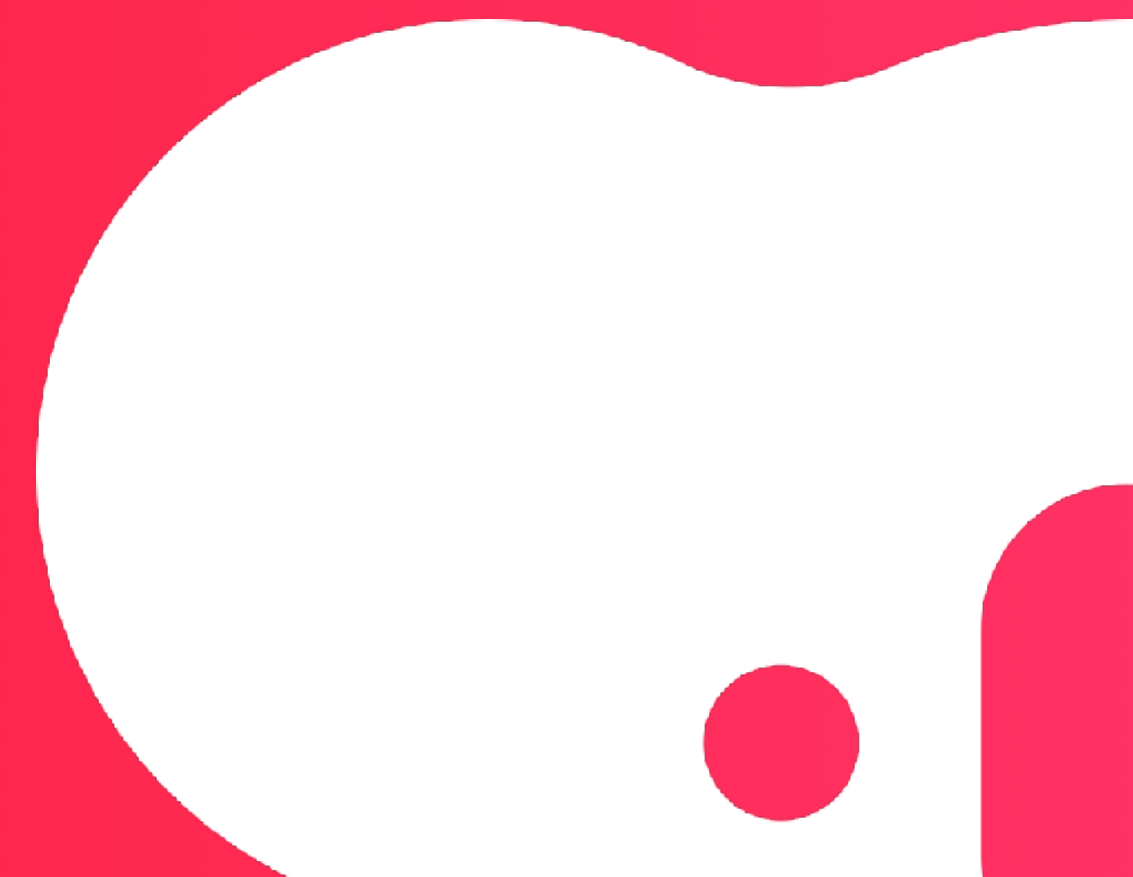
吴子然

github: [elcarim5efil](#)

网易考拉 技术中心 前端组

Megalo、Mpregular 核心开发

# 小程序开发



支持特性较少  
较高的学习成本



强化原生小程序能力  
缺乏跨端开发能力

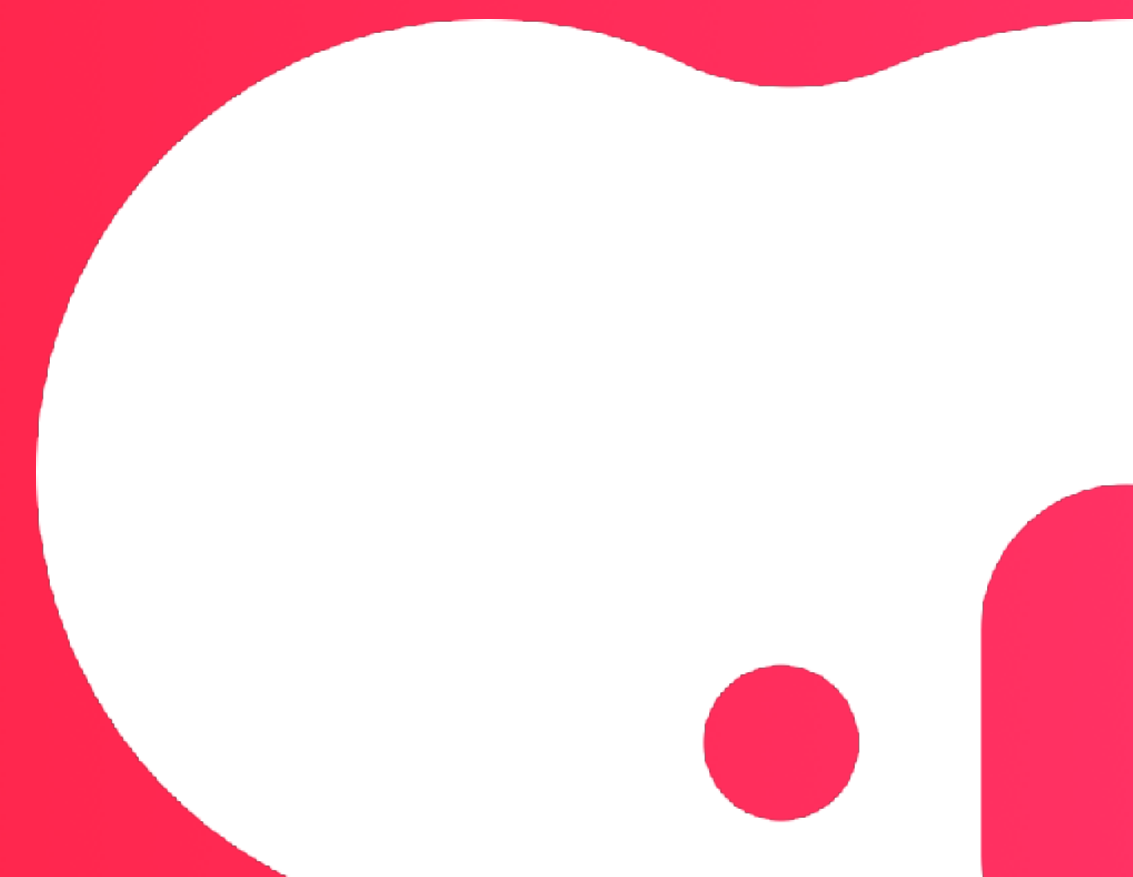


# Vue 的特性

## 跨端开发

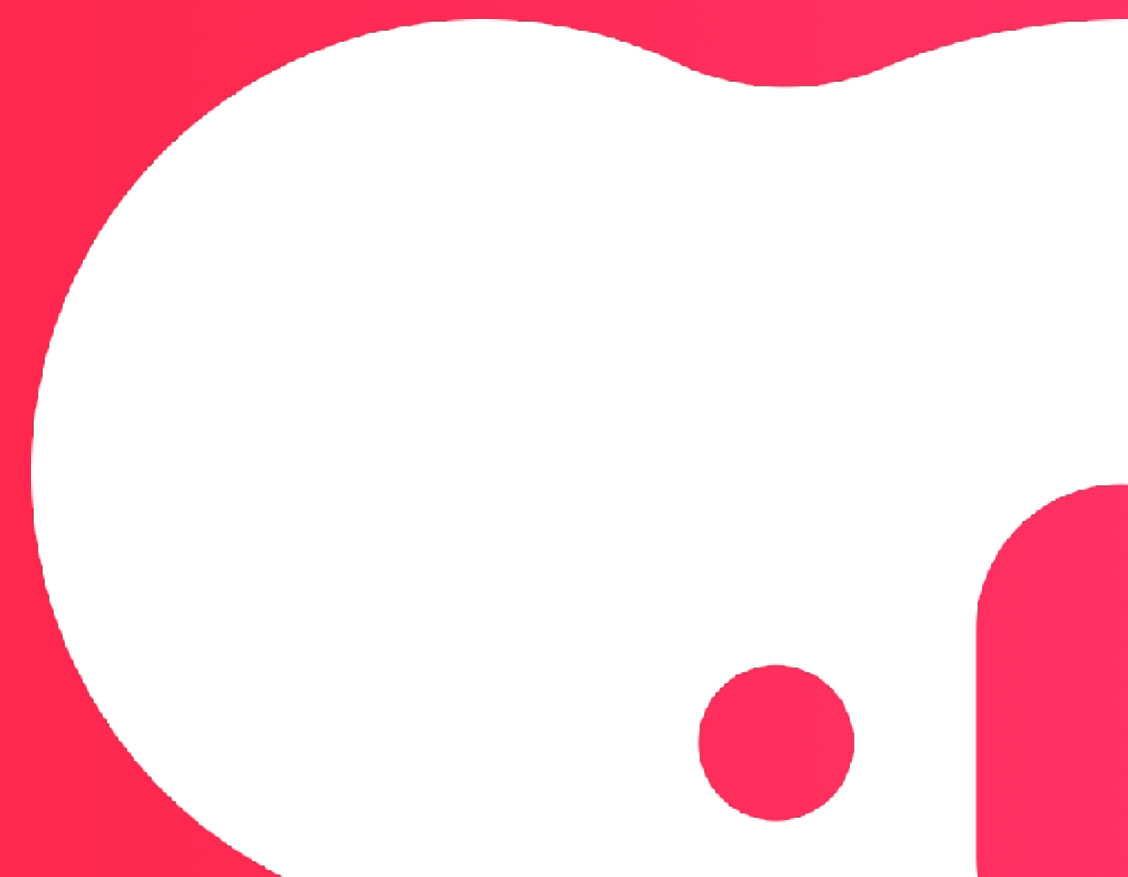


可是...





可是  
我们用不了...



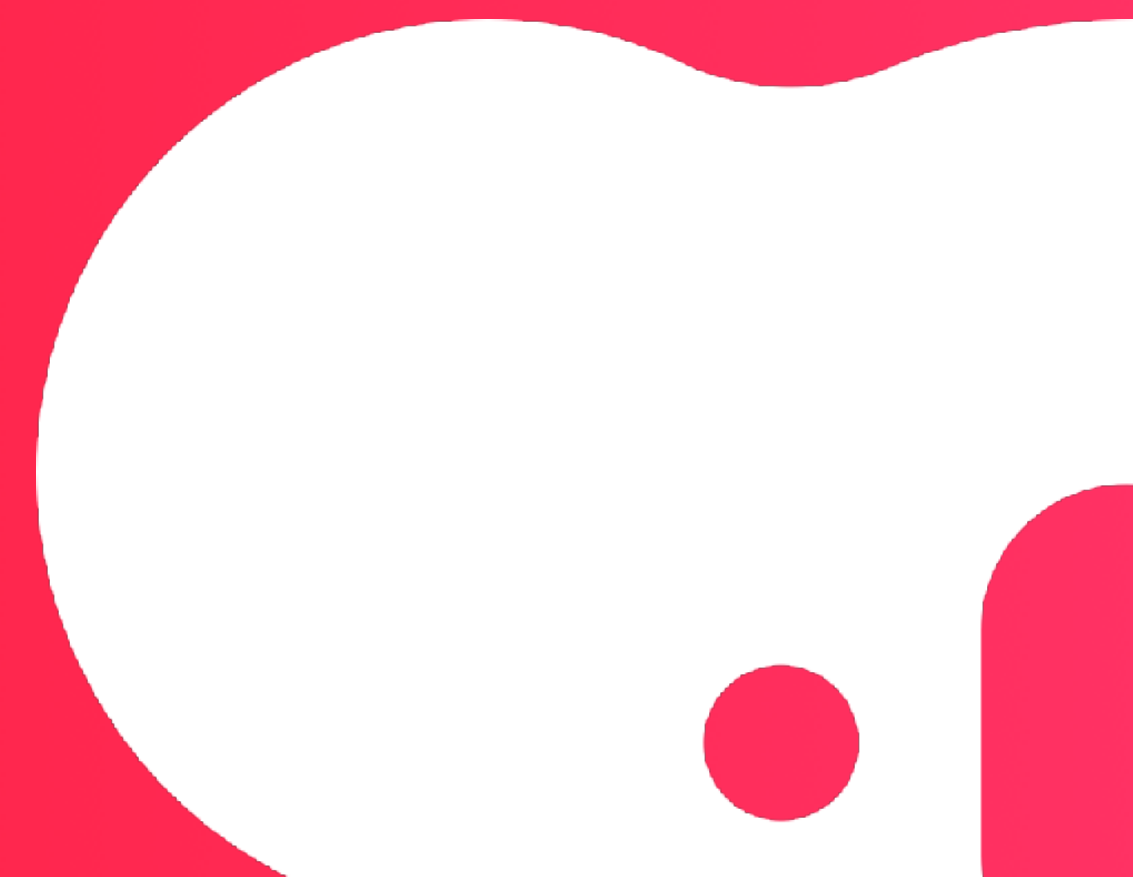


网易自研框架  
社区生态弱



RegularJS

撸起袖子就是干

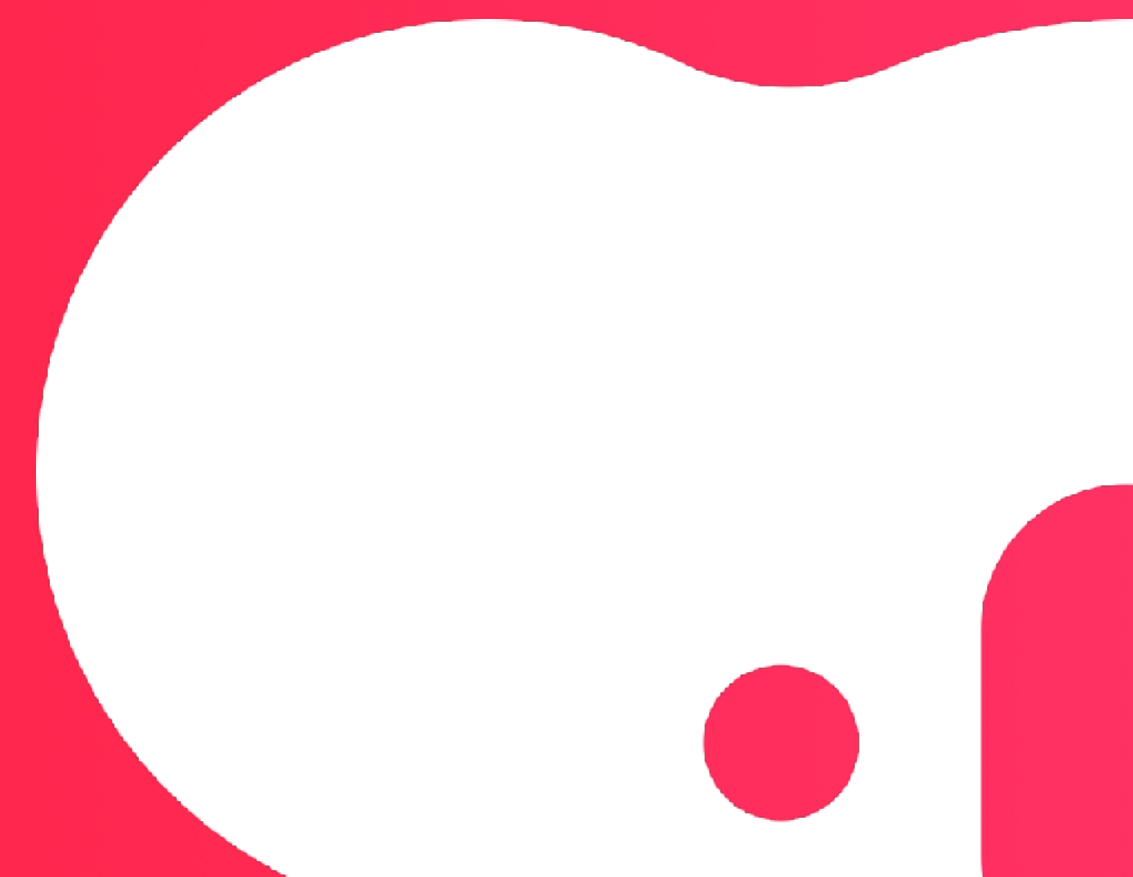


更多特性  
更少差异

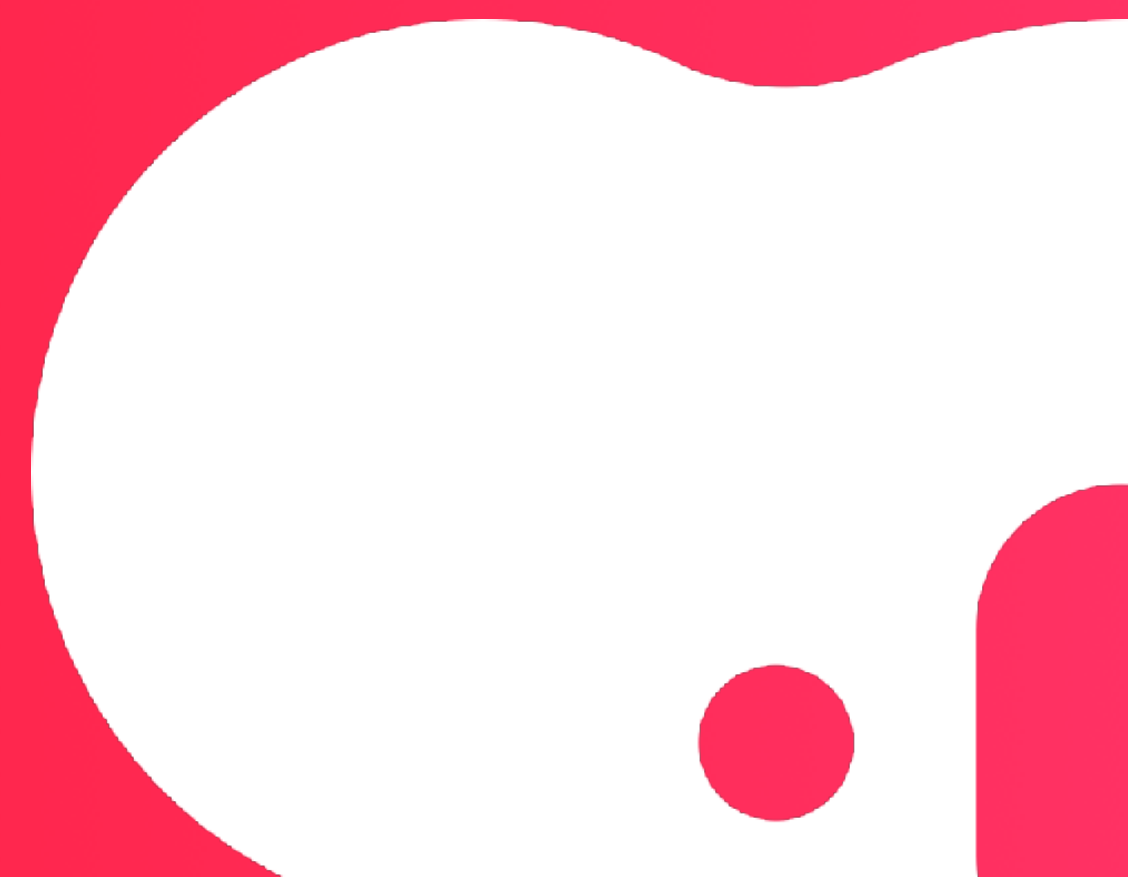
MPREGULAR



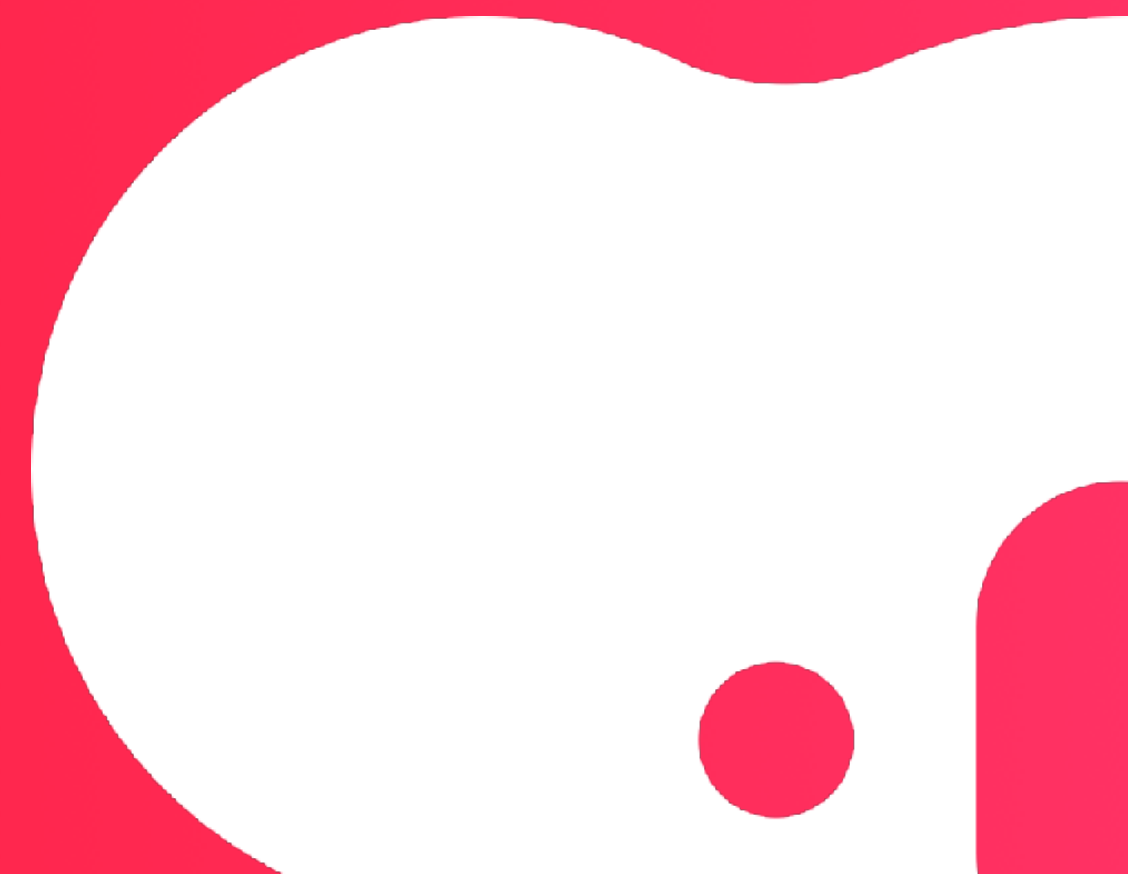
然而...



然而  
技术栈在更新



技术栈在更新  
Vue、WEEX...





## Megalo

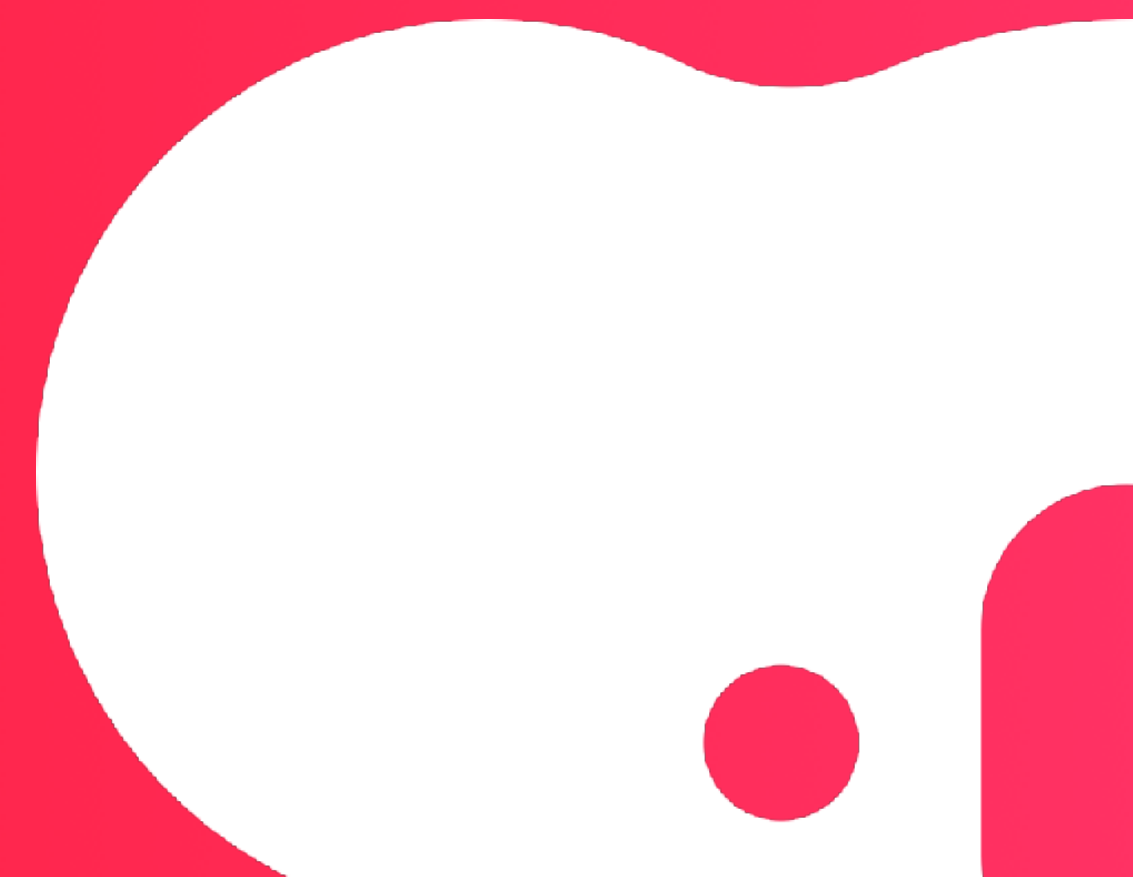
基于 Vue

支持更多特性

让开发更简单



怎么做？

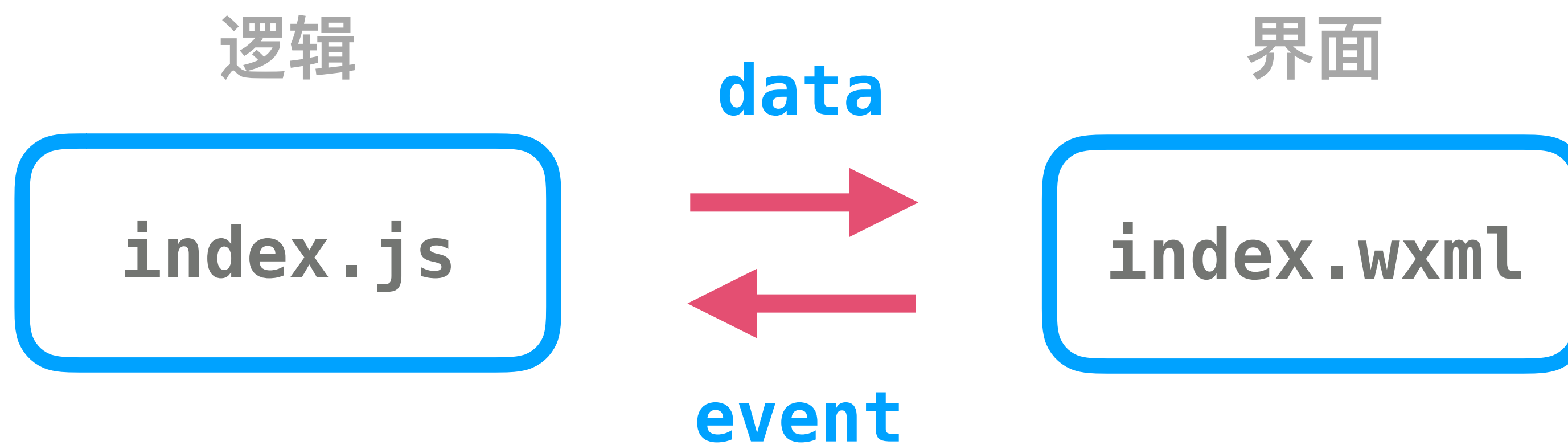


## index.js

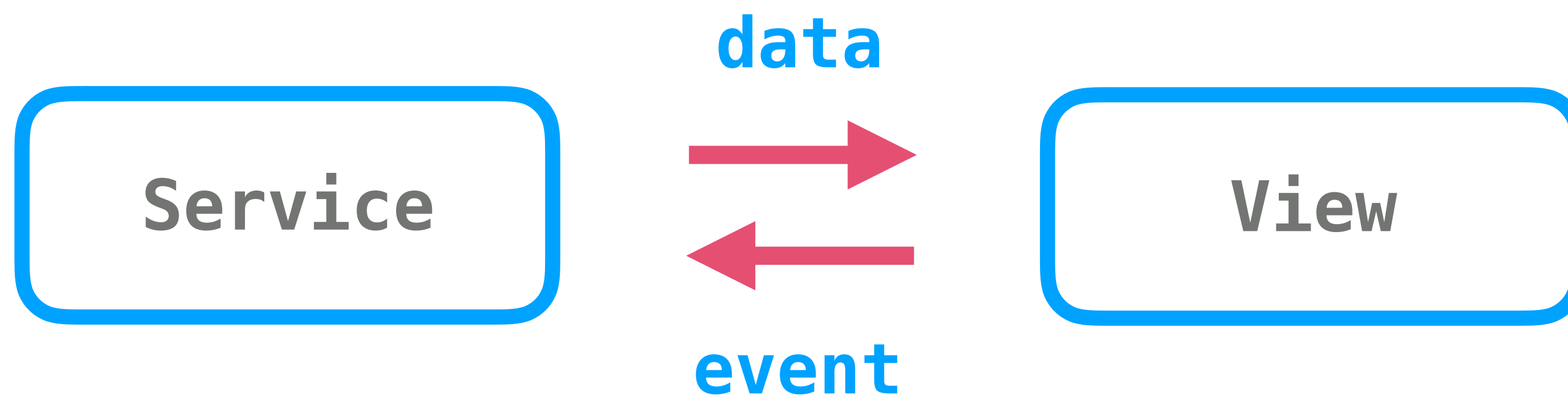
```
Page({  
  data: {  
    title: 'kaola'  
  },  
  onLoad() {  
    console.log('onLoad')  
  }  
})
```

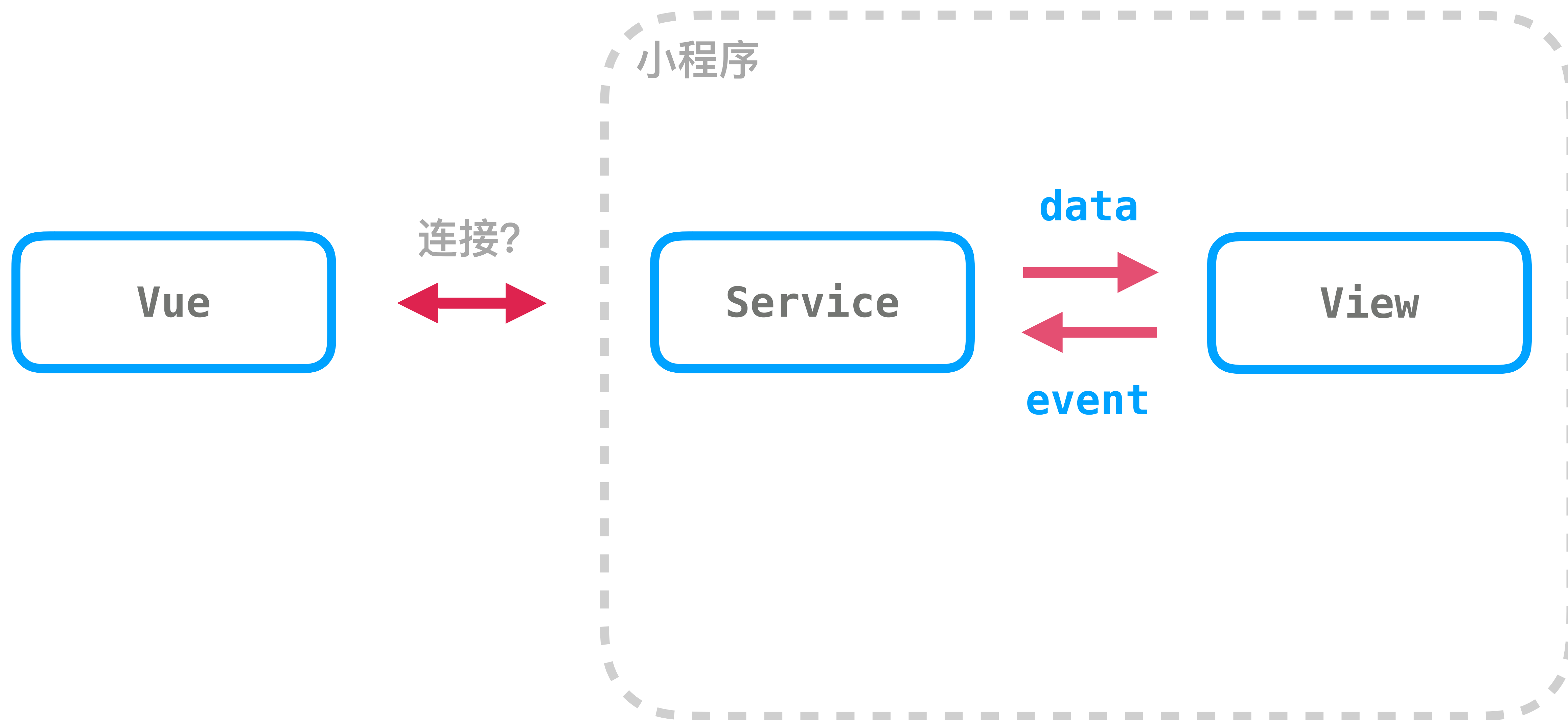
## index.wxml

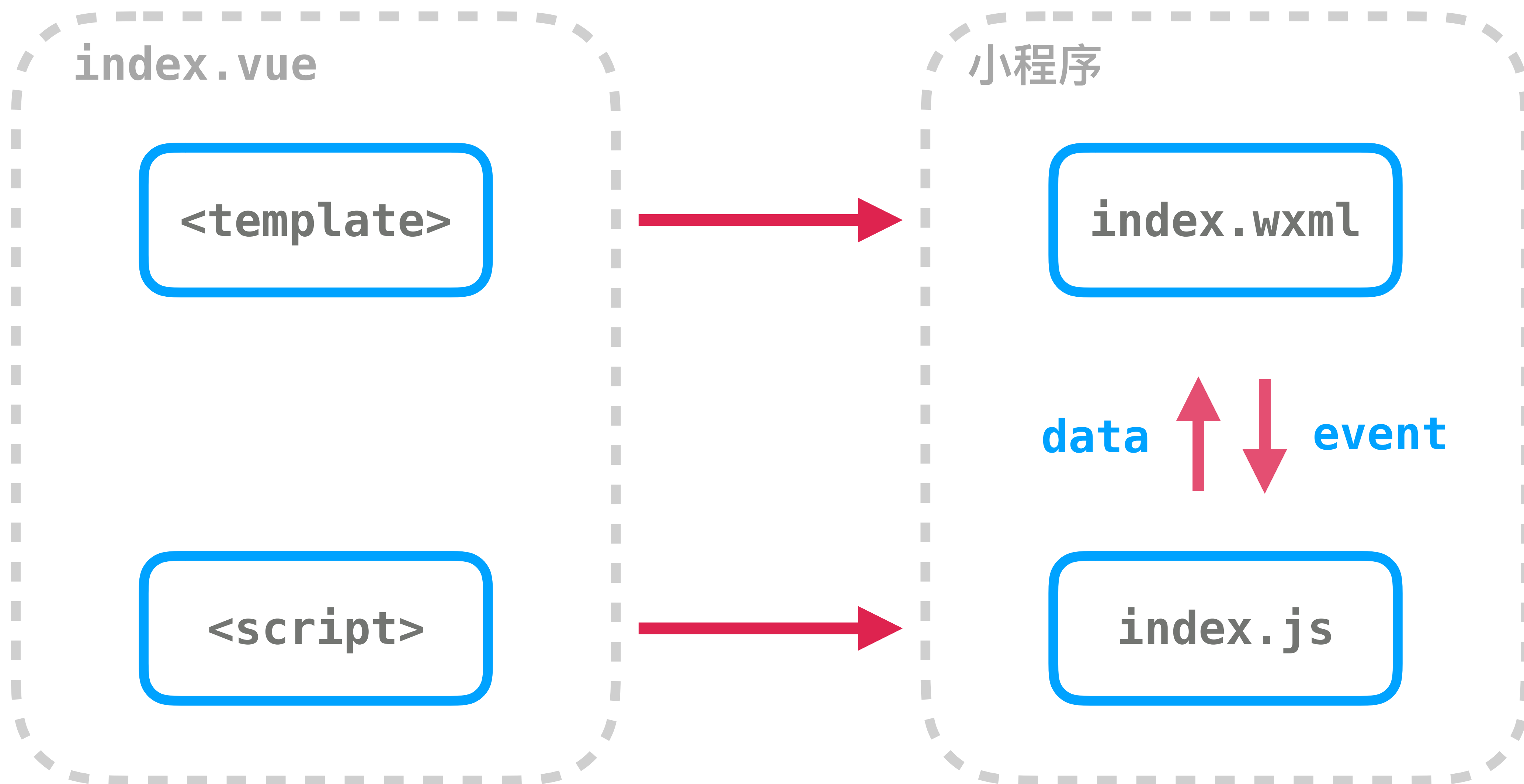
```
<view>{{ title }}</view>
```





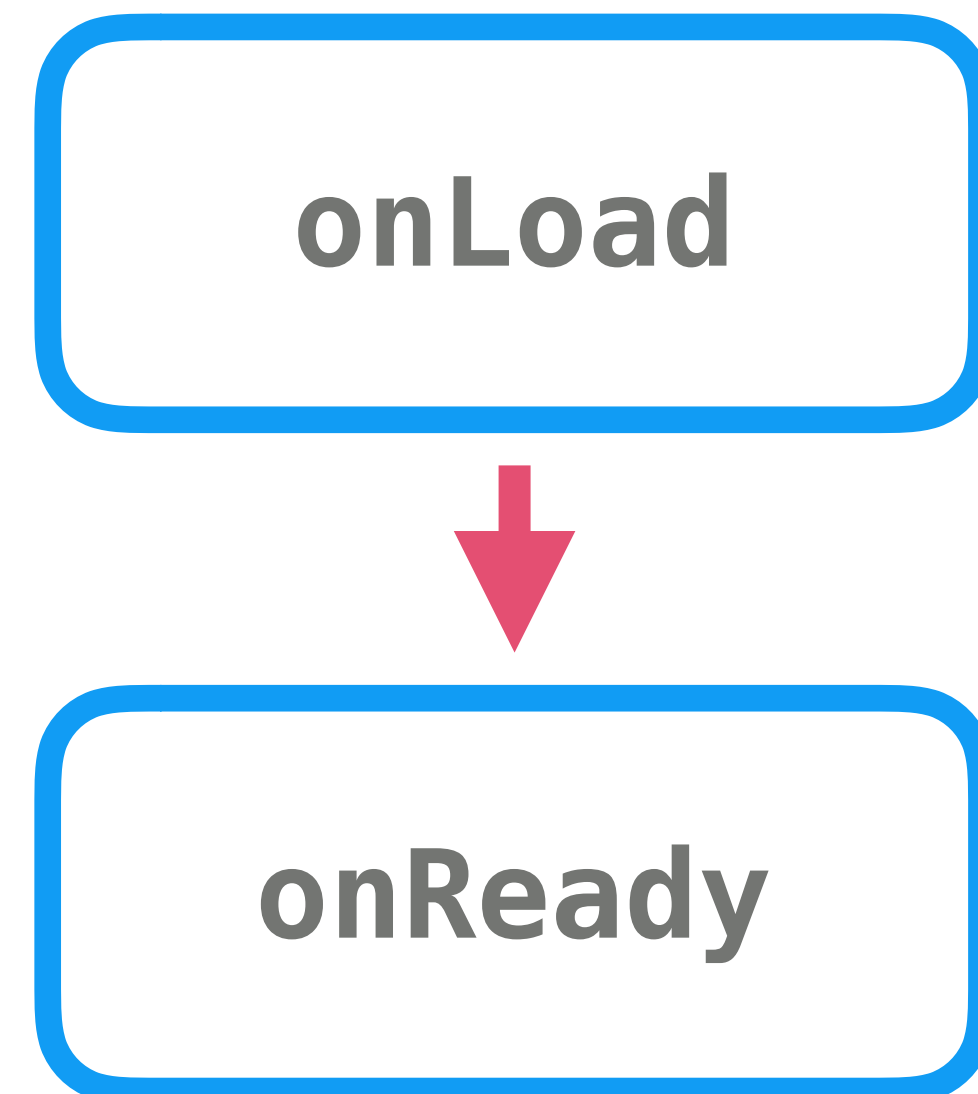






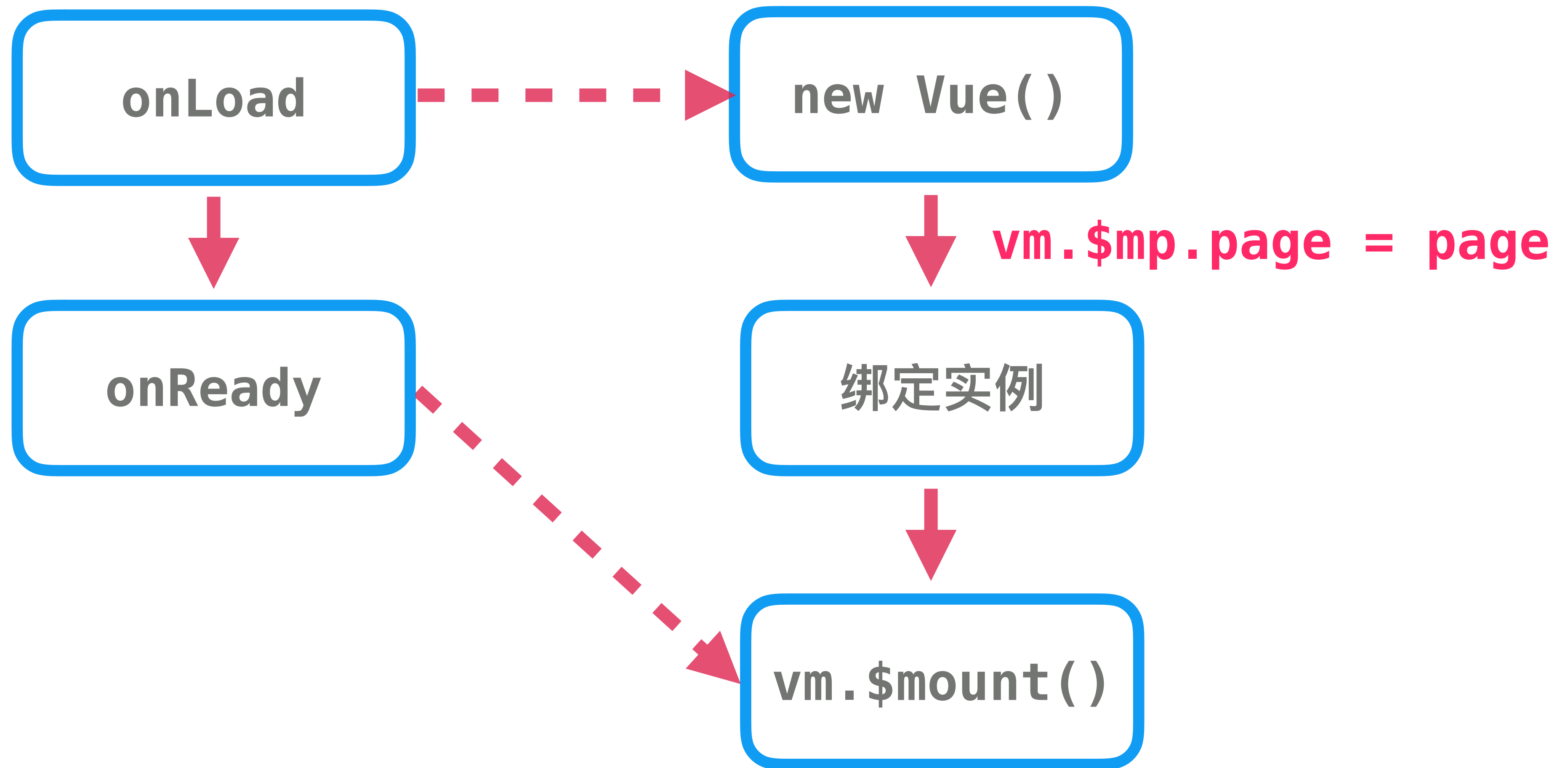


生命周期  
模版转换  
事件代理  
数据映射



页面加载，创建 page 实例

页面初次渲染完成



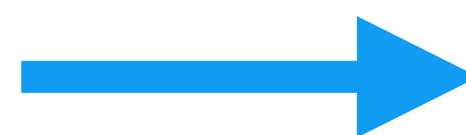
```
<div>
```

```
<div v-if="a">
```

```
<div @click="b">
```

```
<div>{{ title }}</div>
```

`<div>`



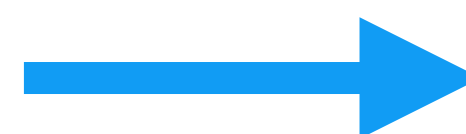
`<view>`

`<div v-if="a">`



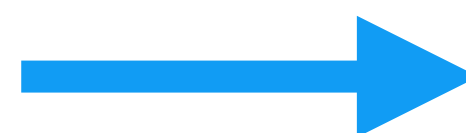
`<view wx:if="a">`

`<div @click="b">`



`<view bindtap="b">`

`<div>{{ title }}</div>`



`<view>{{ title }}</view>`

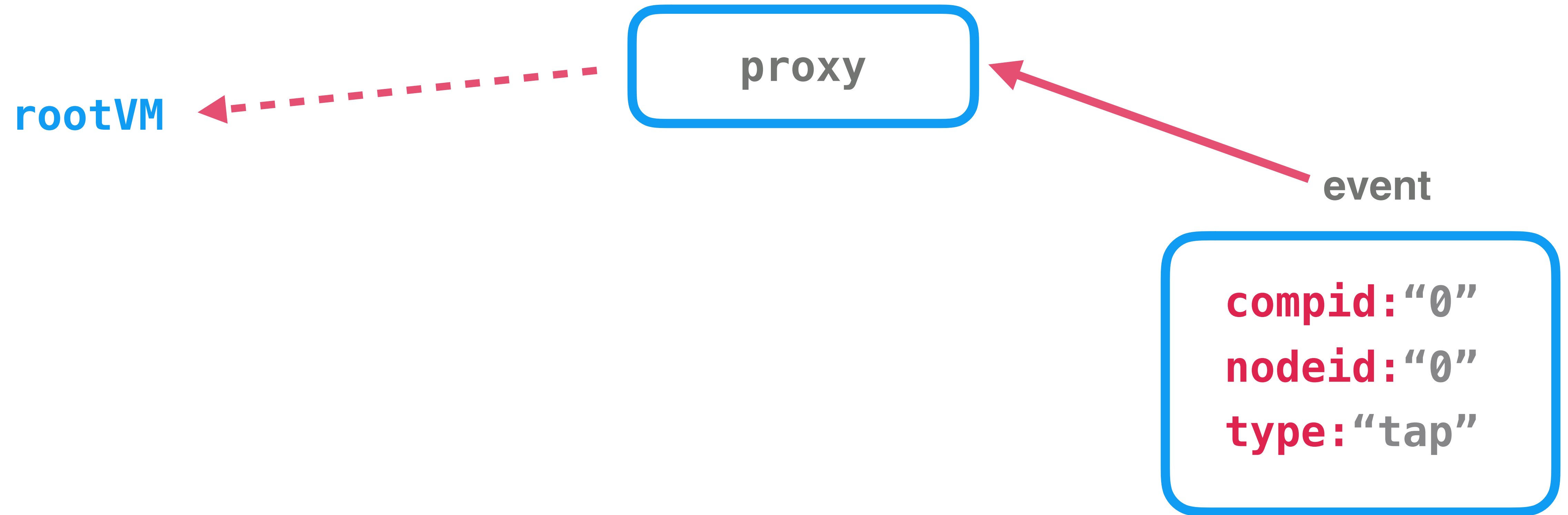
```
<div @click="onClick">
```

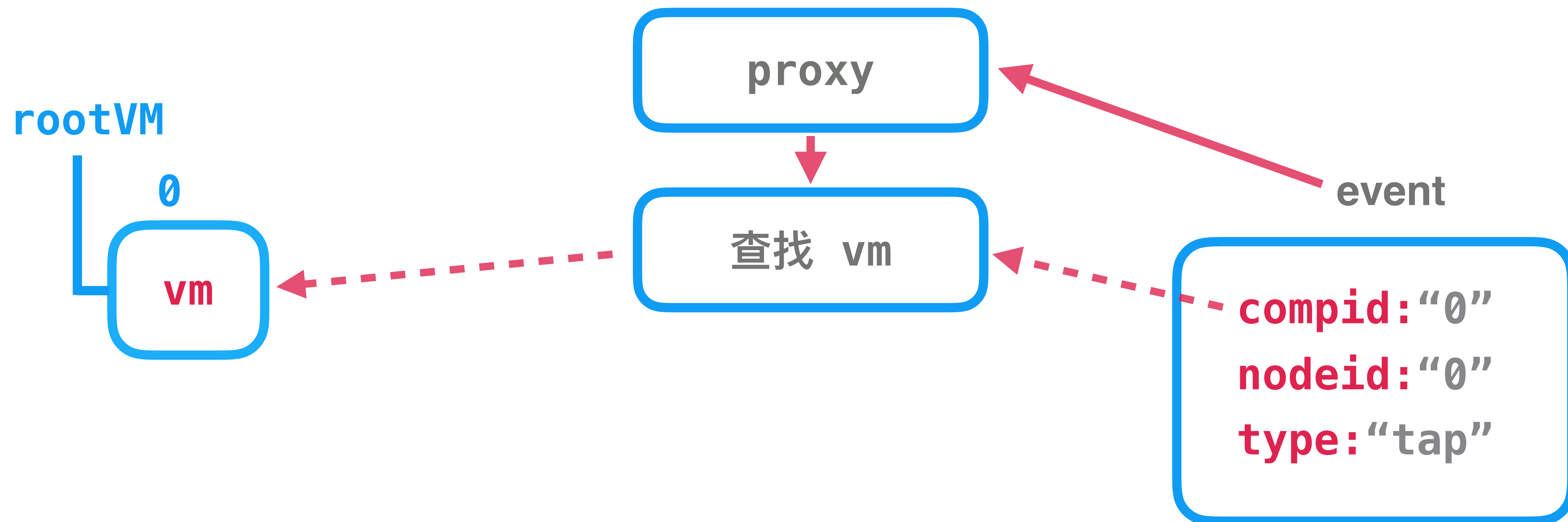
```
<view bindtap="onClick">
```

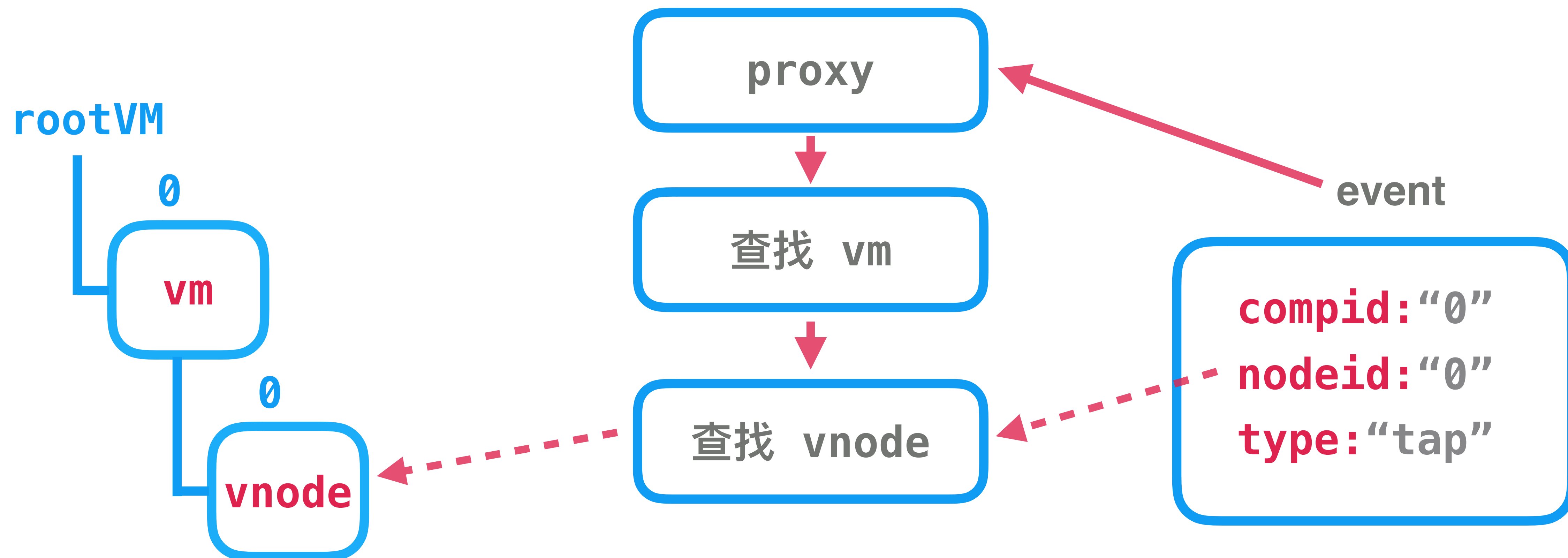
```
<view bindtap="onClick">
```

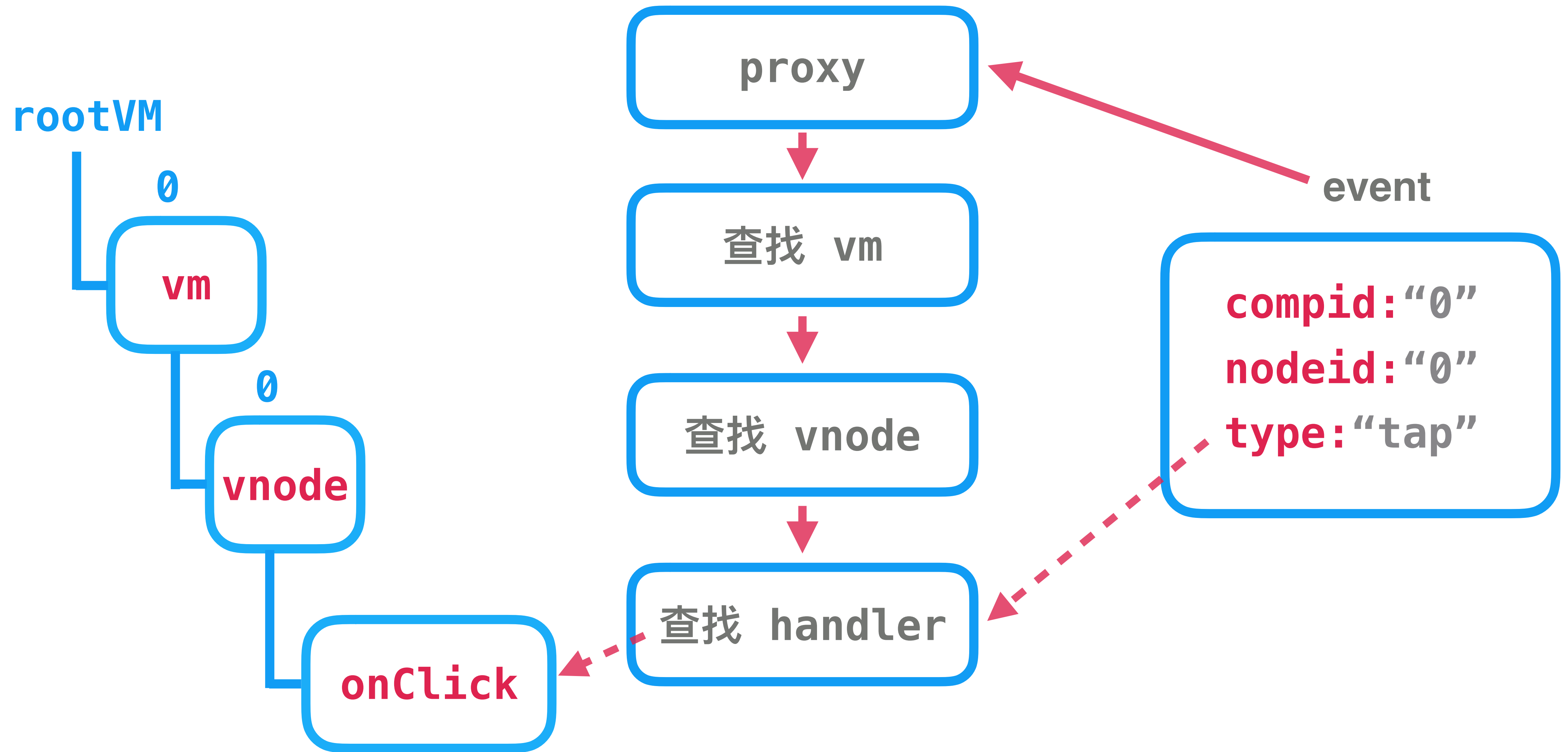
```
<view bindtap="proxy" compid="0" nodeid="0" >
```

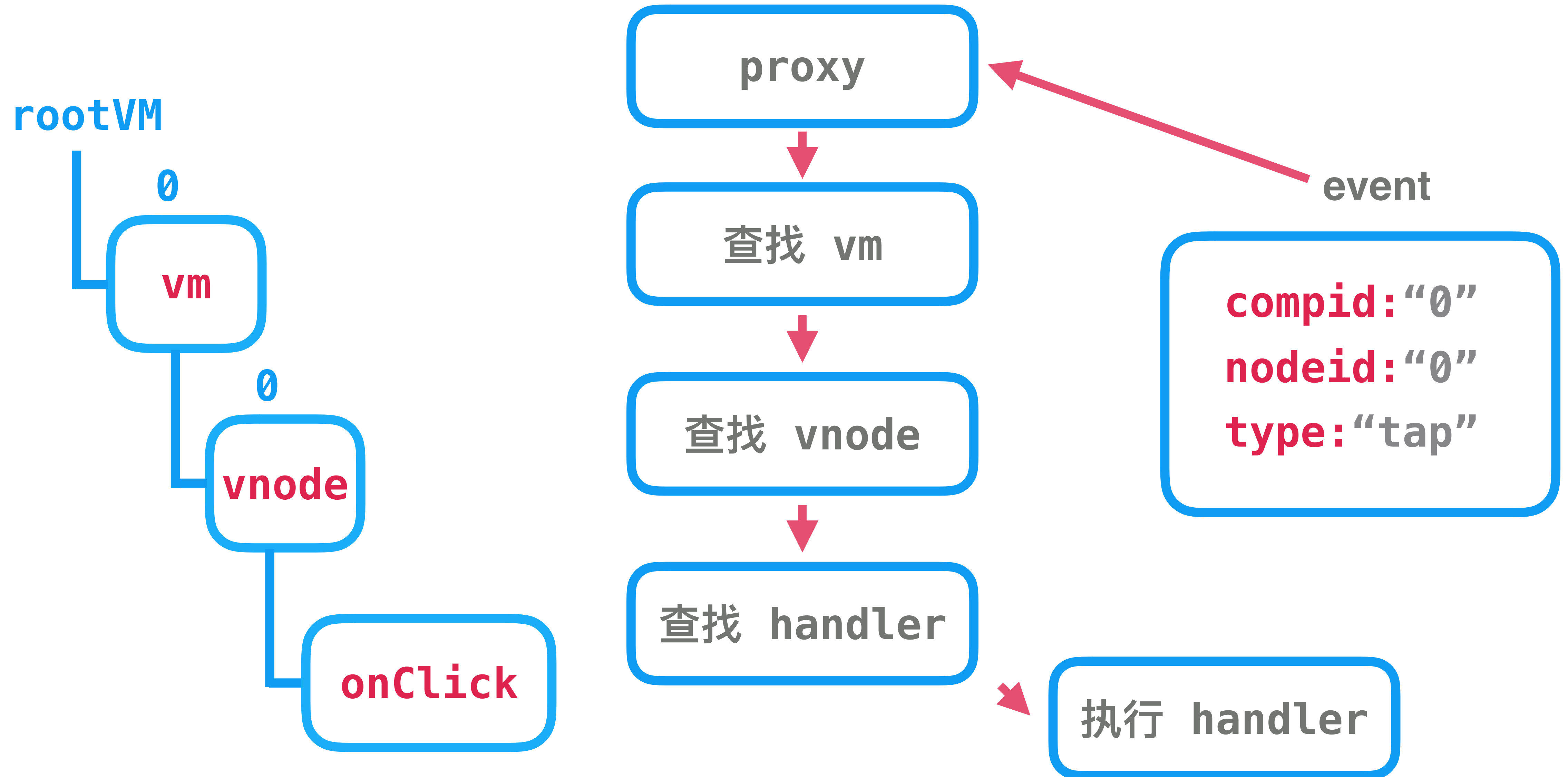












index.js

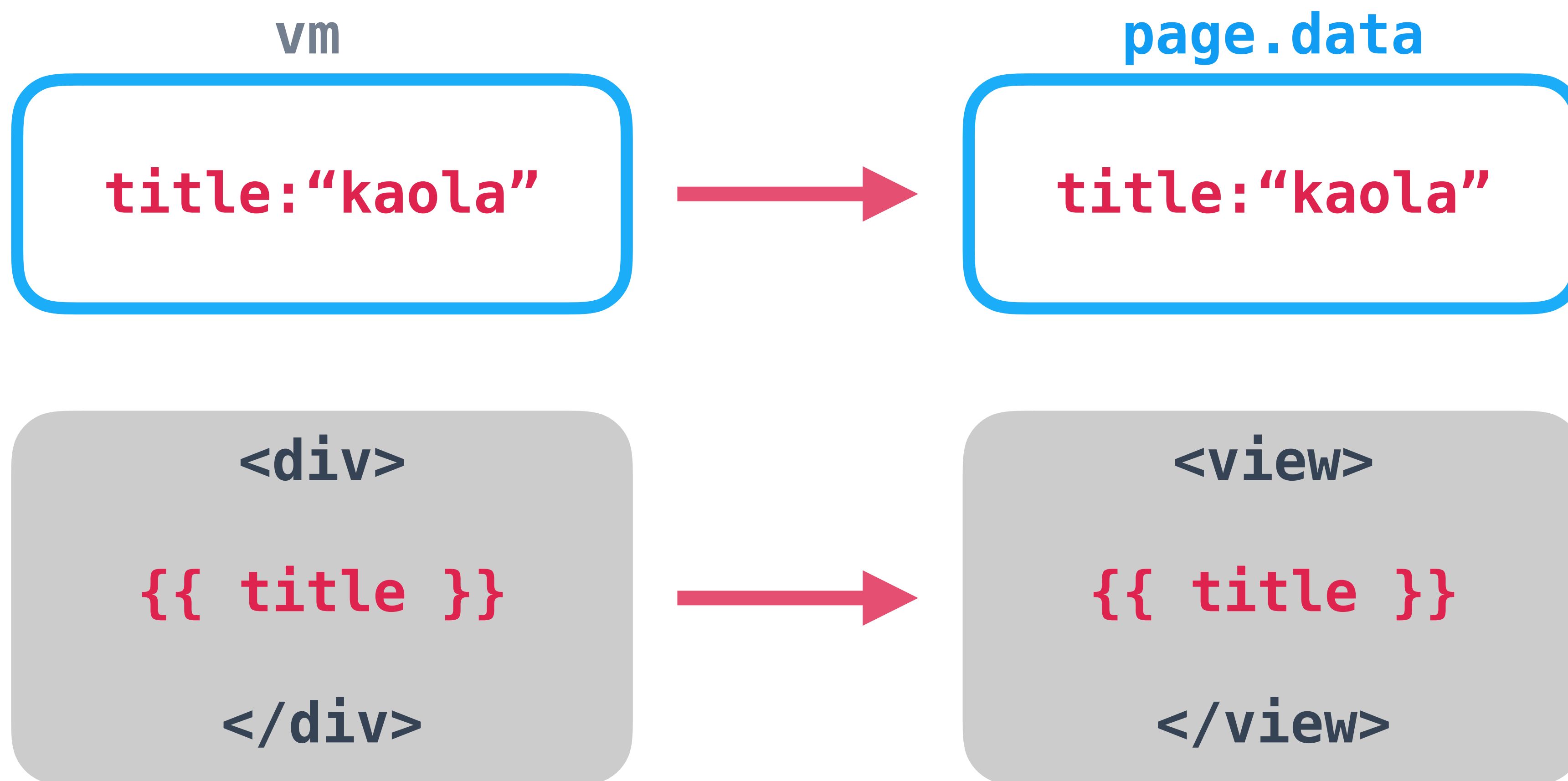
```
Page({  
  data: {  
    title: ""  
  }  
})
```

data



index.wxml

```
<view>  
  {{ title }}  
</view>
```







```
title: "kaola",  
user: {  
  name: "abc"  
  // ...  
}
```

```
<view>{{ title }}</view>  
<view>{{ user.name }}</view>
```

```
title: "kaola",  
user: {  
  name: "abc",  
  cartList: [  
    // ...  
  ],  
  favorList: [  
    // ...  
  ]  
}
```

```
<view>{{ title }}</view>  
<view>{{ user.name }}</view>
```

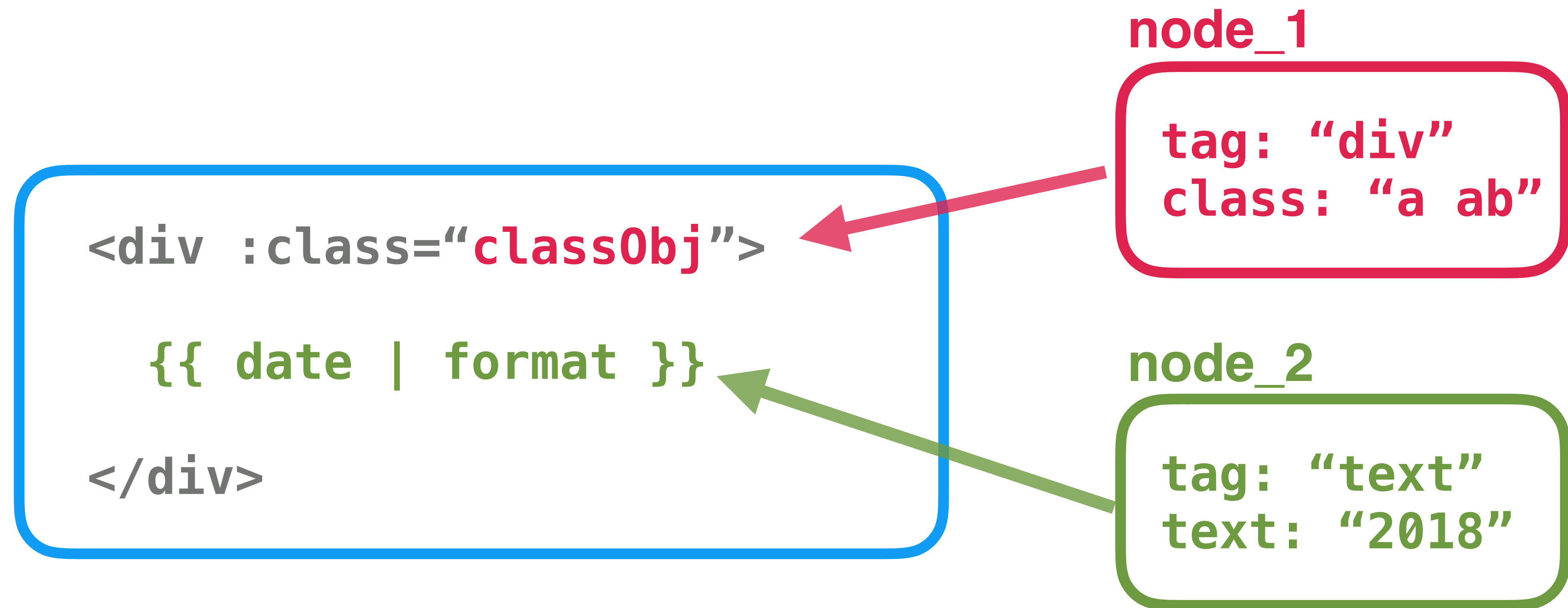
可能是个大对象

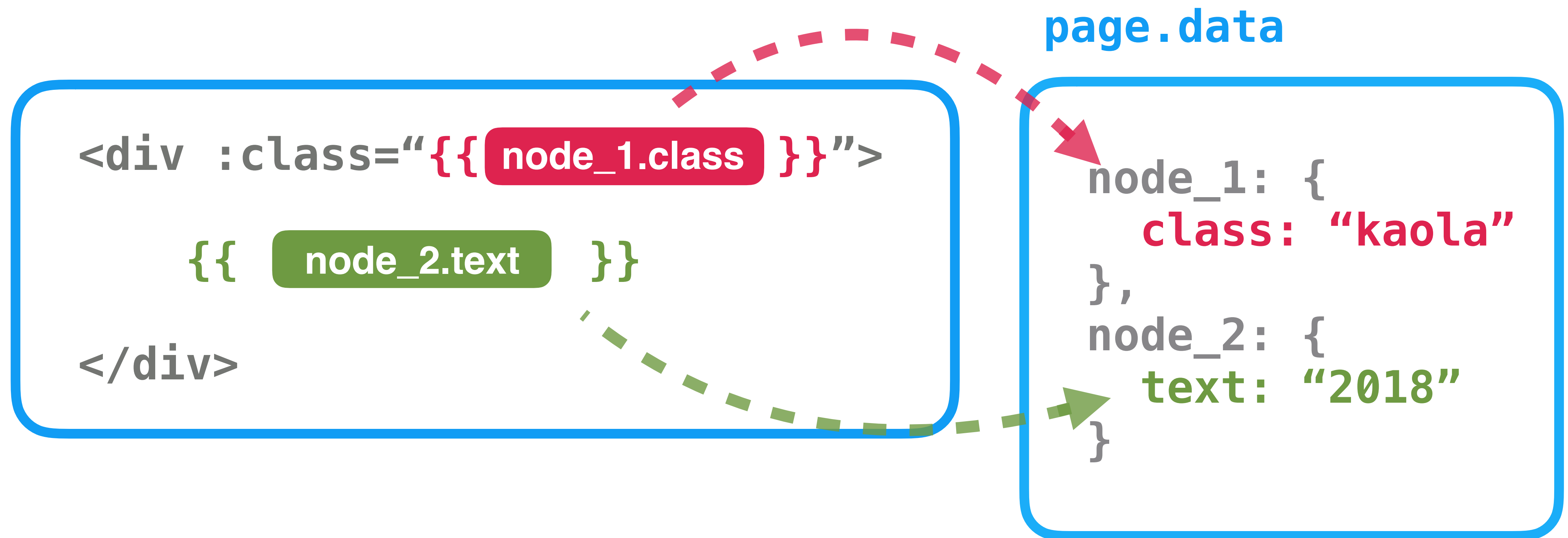
```
<div :class="classObj">
```

```
  {{ date|format }}
```

```
</div>
```

```
<view class="{{classObj}}">  
    {{ date|format }}  
</view>
```



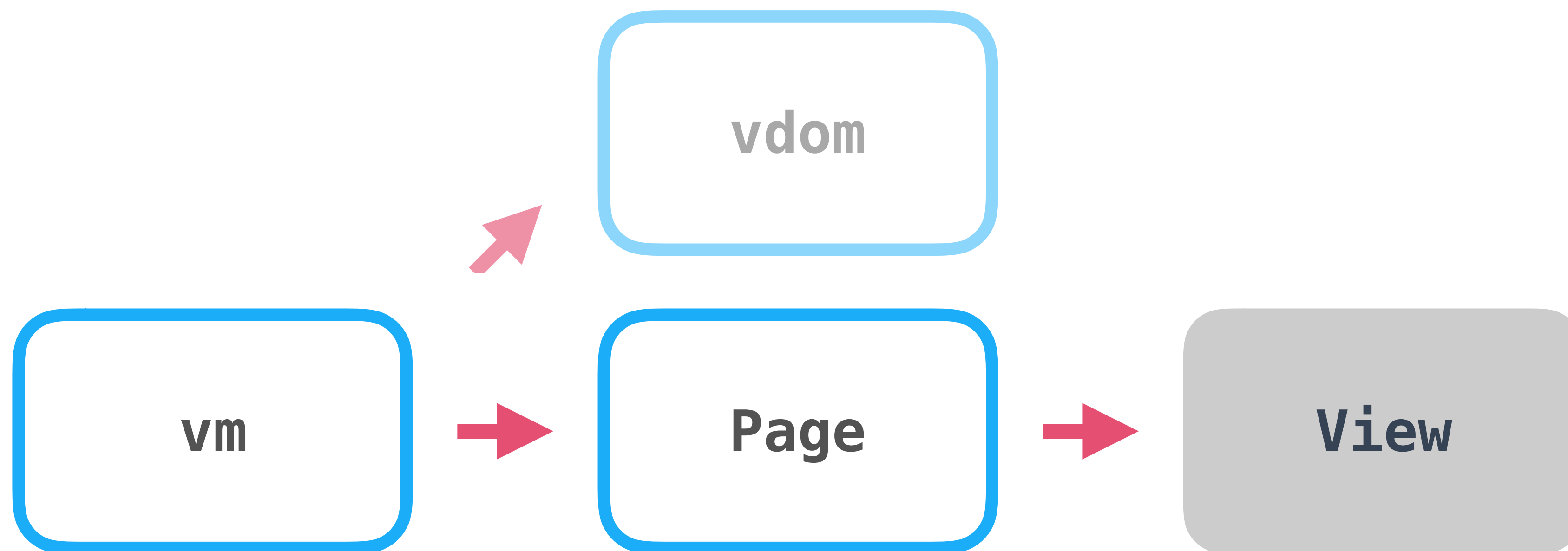


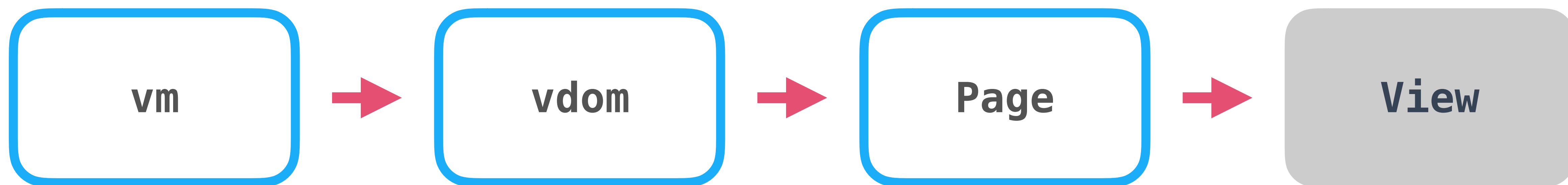
```
<view class="{{ node_1.class }}">
  {{ node_2.text }}
</view>
```

page.data

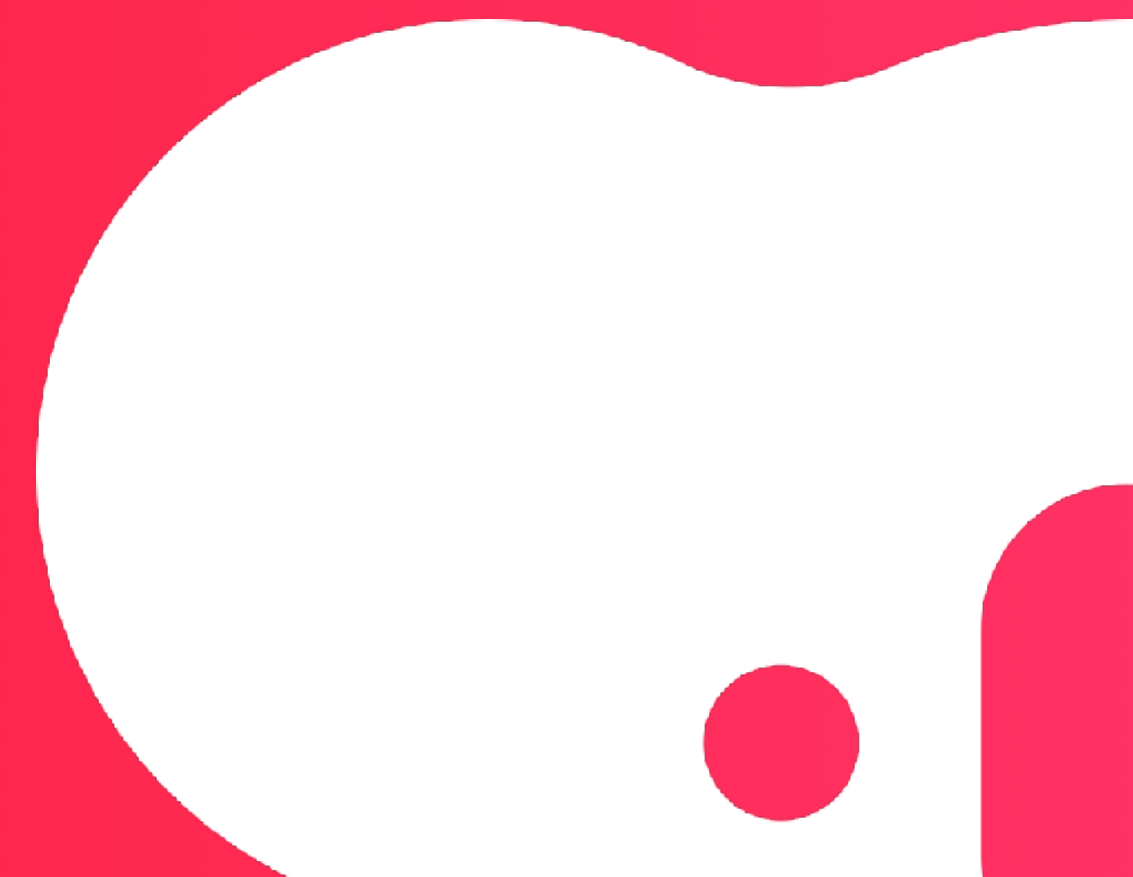
```
node_1: {
  class: "a",
  style: ""
},
node_2: {
  text: "b"
}
```







# Megalo

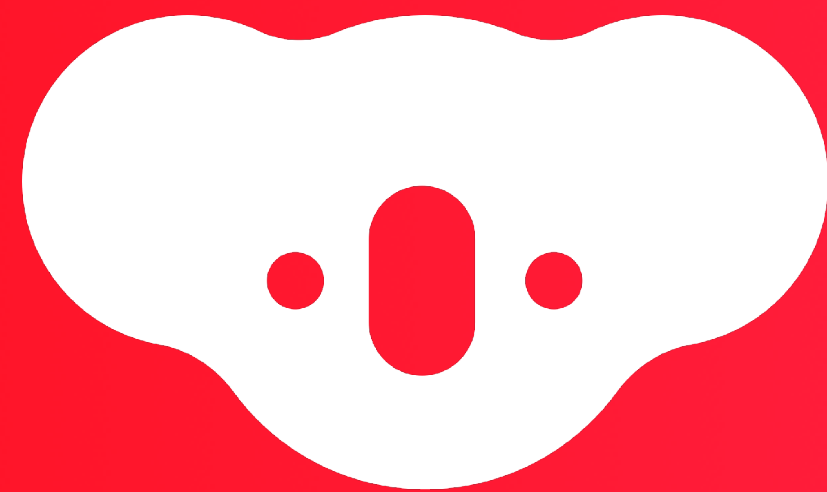


特性支持	小程序	mpvue	megalo
computed	×	○	○
v-model	×	○	○
slot	○	○	○
scoped slot	×	×	○
filter	×	×	○
v-html	×	×	○
复杂表达式	×	×	○
小程序分包	○	○	○



支付宝小程序  
百度小程序  
API 库  
UI 库





THANK YOU !