第三天

推荐模块 + 分类模块 + 详情模块

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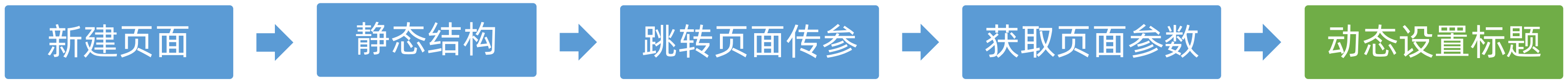
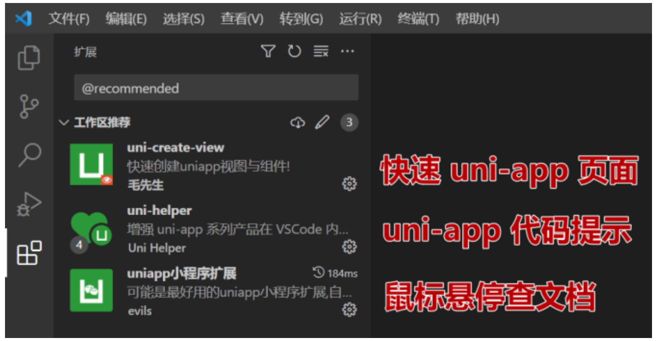
热门推荐 - 准备工作


新建页面 → 静态结构 → 跳转页面传参 → 获取页面参数 → 动态设置标题


文件(F) 编辑(E) 选择(S) 查看(V) 转到(G) 运行(R) 终端(T) 帮助(H)
扩展
@recommended
工作区推荐
3
uni-create-view
快速创建uniapp视图与组件!
毛先生
uni-helper
增强 uni-app 系列产品在 VSCode 内...
Uni Helper
uniapp小程序扩展
184ms
可能是最好用的uniapp小程序扩展,自...
evils

快速 uni-app 页面

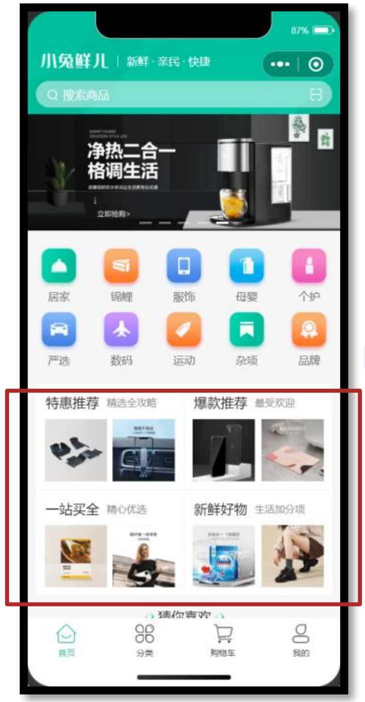
uni-app 代码提示

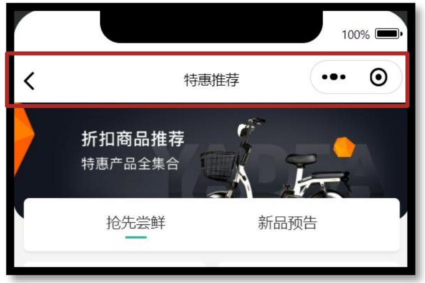
鼠标悬停查文档

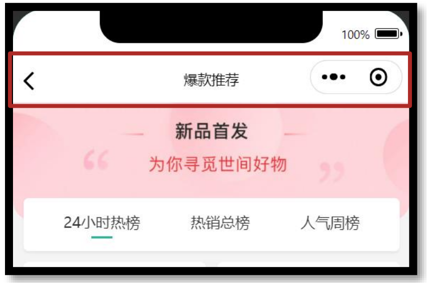
```
// src/pages/index/components/HotPanel.vue
<navigator :url="`/pages/hot/hot?type=${item.type}`">
  …省略
</navigator>
```

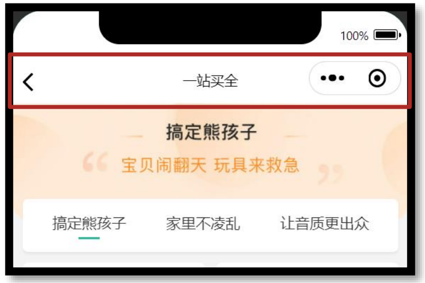
```
// src/pages/hot/hot.vue
// 获取页面参数
const query = defineProps<{
  type: string
}>()
```

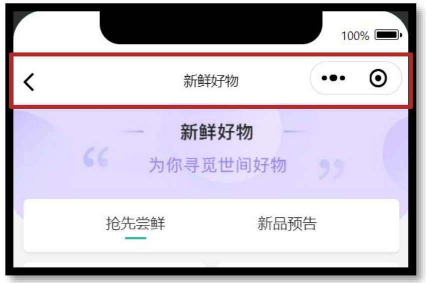
```
// 热门推荐 标题和url
const urlMap = […省略]
// 获取当前推荐信息
const currUrlMap = urlMap.find((v) => v.type === query.type)
// 设置标题
uni.setNavigationBarTitle({ title: currUrlMap!.title })
```



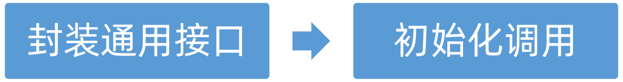






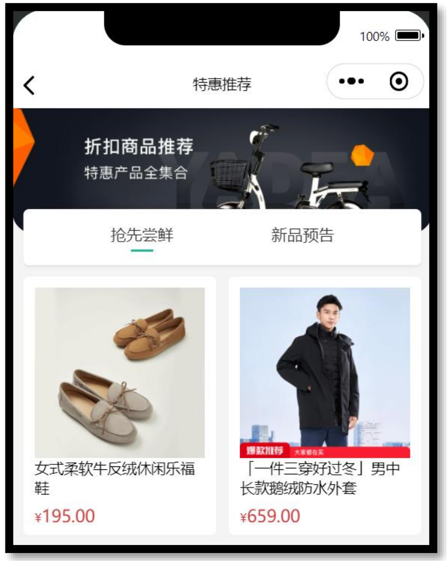


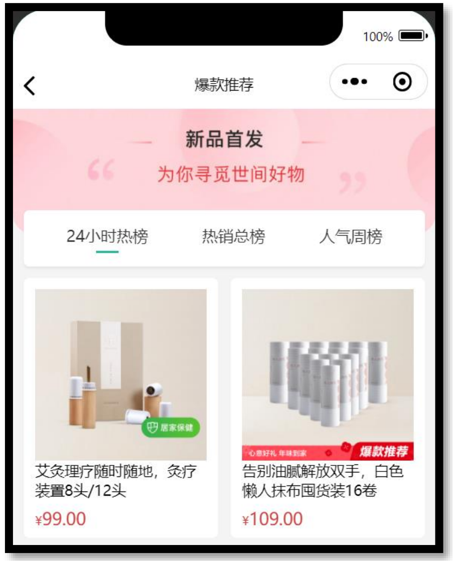
热门推荐 - 获取热门推荐数据

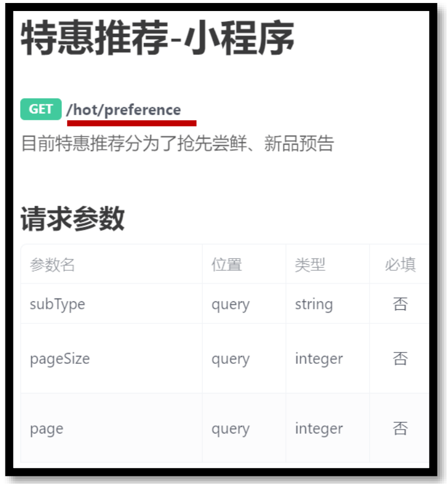

封装通用接口 → 初始化调用

```
// src/services/hot.ts
type HotParams = PageParams & { subType?: string }
export const getHotRecommendAPI = (url: string, data?: HotParams) => {
  return http({
    method: 'GET',
    url,
    data,
  })
}
```

```
// src/pages/hot/hot.vue
// 获取热门推荐数据
const getHotRecommendData = async () => {
  const res = await getHotRecommendAPI(currUrlMap!.url)
  console.log(res)
}

// 页面加载
onLoad(() => {
  getHotRecommendData()
})
```







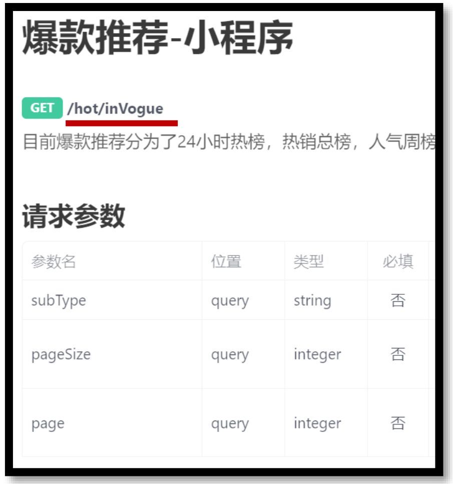
特惠推荐-小程序

GET /hot/preference

目前特惠推荐分为了抢先尝鲜、新品预告

请求参数

参数名	位置	类型	必填
subType	query	string	否
pageSize	query	integer	否
page	query	integer	否



爆款推荐-小程序

GET /hot/inVogue

目前爆款推荐分为了24小时热榜，热销总榜，人气周榜

请求参数

参数名	位置	类型	必填
subType	query	string	否
pageSize	query	integer	否
page	query	integer	否

热门推荐 - 定义类型

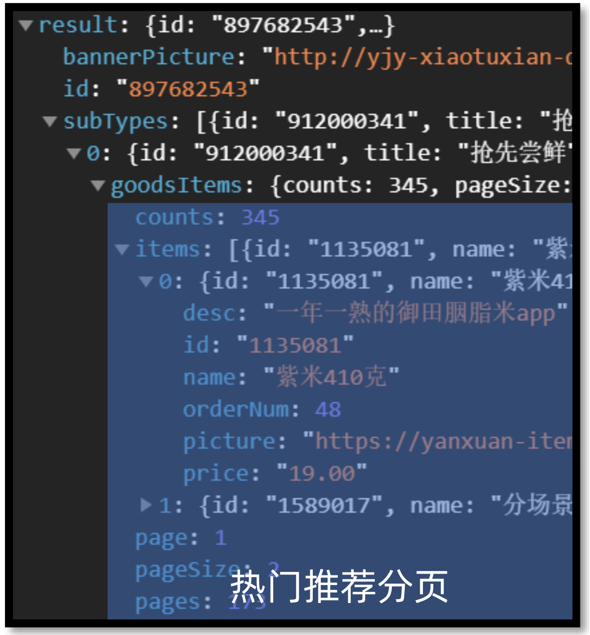
封装通用接口 → 初始化调用 → 定义类型

```ts
// src/types/global.d.ts
/** 通用商品类型 */
export type GoodsItem = {
  /** 商品描述 */
  desc: string
  /** 商品折扣 */
  discount: number
  /** id */
  id: string
  /** 商品名称 */
  name: string
  /** 商品已下单数量 */
  orderNum: number
  /** 商品图片 */
  picture: string
  /** 商品价格 */
  price: number
}
```

```ts
// src/types/home.d.ts
import type { GoodsItem } from './global'
/** 猜你喜欢-商品类型 */
export type GuessItem = GoodsItem
```

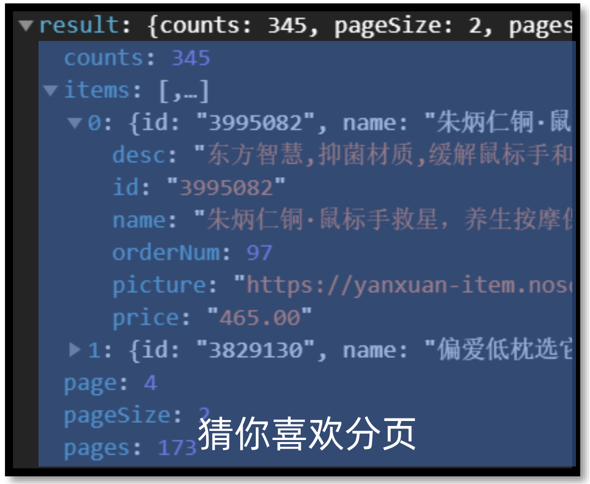
```ts
// src/types/hot.d.ts
import type { PageResult, GoodsItem } from './global'
/** 热门推荐子类选项 */
export type SubTypeItem = {
  id: string
  title: string
  goodsItems: PageResult<GoodsItem>
}
/** 热门推荐 */
export type HotResult = {
  id: string
  bannerPicture: string
  title: string
  subTypes: SubTypeItem[]
}
```

```ts
// src/services/hot.ts
export const getHotRecommendAPI = (…省略) => {
  return http<HotResult>({ …省略  })
}
```



```
▼result: {id: "897682543",…}
   bannerPicture: "http://yjy-xiaotuxian-c
   id: "897682543"
  ▼subTypes: [{id: "912000341", title: "抢
    ▼0: {id: "912000341", title: "抢先尝鲜"
      ▼goodsItems: {counts: 345, pageSize:
         counts: 345
        ▼items: [{id: "1135081", name: "紫
          ▼0: {id: "1135081", name: "紫米41
             desc: "一年一熟的御田胭脂米app"
             id: "1135081"
             name: "紫米410克"
             orderNum: 48
             picture: "https://yanxuan-iten
             price: "19.00"
          ▶1: {id: "1589017", name: "分场景
         page: 1
         pageSize: 2
         pages: 173
```

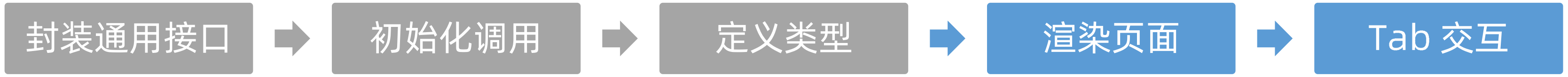
热门推荐分页



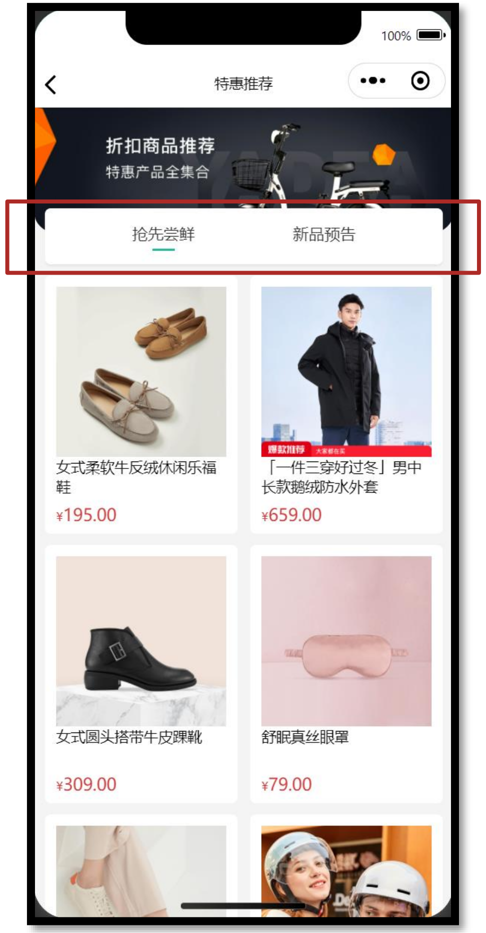
```
▼result: {counts: 345, pageSize: 2, pages
   counts: 345
  ▼items: [,…]
    ▼0: {id: "3995082", name: "朱炳仁铜·鼠
       desc: "东方智慧,抑菌材质,缓解鼠标手和
       id: "3995082"
       name: "朱炳仁铜·鼠标手救星, 养生按摩fi
       orderNum: 97
       picture: "https://yanxuan-item.nosc
       price: "465.00"
    ▶1: {id: "3829130", name: "偏爱低枕选它
   page: 4
   pageSize: 2
   pages: 173
```

猜你喜欢分页

热门推荐 - 渲染页面和Tab交互



封装通用接口 → 初始化调用 → 定义类型 → 渲染页面 → Tab 交互



折扣商品推荐
特惠产品全集合

抢先尝鲜 新品预告

女式柔软牛反绒休闲乐福鞋
¥195.00

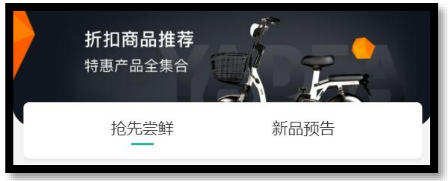
「一件三穿好过冬」男中长款鹅绒防水外套
¥659.00

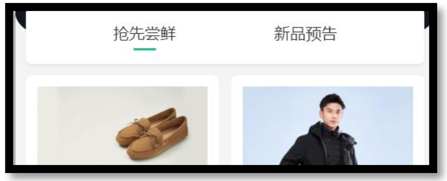
女式圆头搭带牛皮踝靴
¥309.00

舒眠真丝眼罩
¥79.00

热门推荐 – 渲染页面和Tab交互

封装通用接口
初始化调用
定义类型
渲染页面
Tab 交互





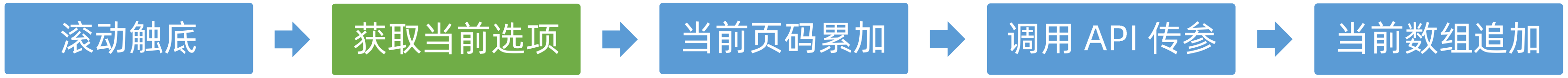
```
// 推荐封面图
const bannerPicture = ref('')
// 推荐选项
const subTypes = ref<SubTypeItem[]>([])
// 高亮下标
const activeIndex = ref(0)
// 获取热门推荐数据
const getHotRecommendData = async () => {
  const res = await getHotRecommendAPI(currUrlMap!.url)
  // 保存封面图
  bannerPicture.value = res.result.bannerPicture
  // 保存推荐选项
  subTypes.value = res.result.subTypes
}
```

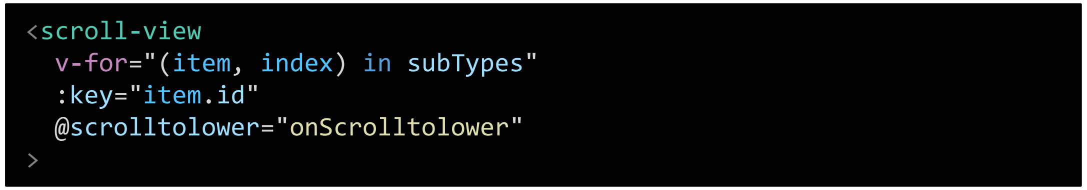
```
<!-- 推荐封面图 -->
<view class="cover">
  <image :src="bannerPicture"></image>
</view>
```

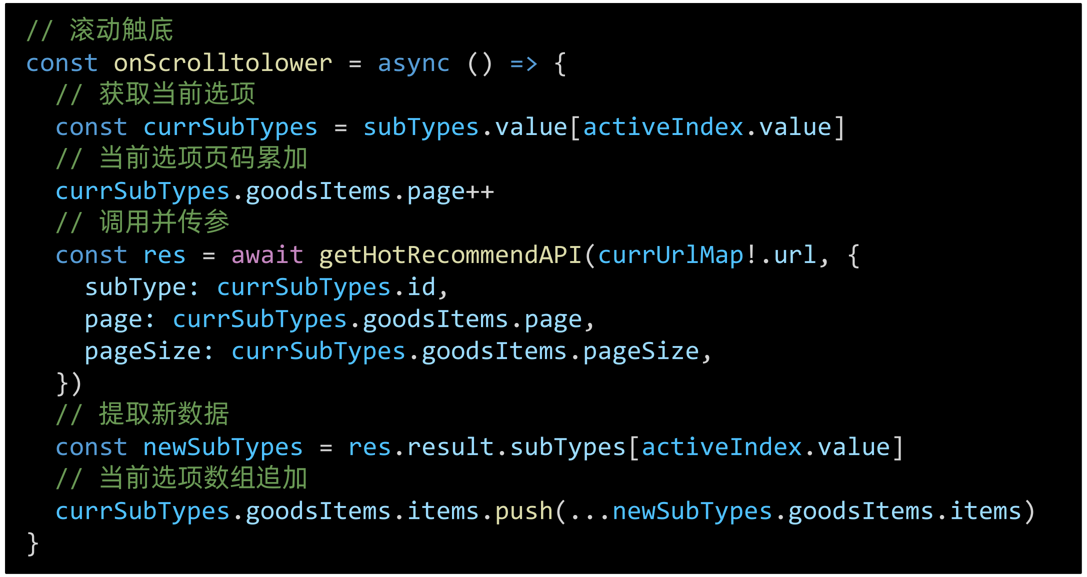
```
<!-- 推荐选项 -->
<view class="tabs">
  <text
    v-for="(item, index) in subTypes"
    :key="item.id"
    :class="{ active: activeIndex === index }"
    @tap="activeIndex = index"
  >
    {{ item.title }}
  </text>
</view>
```

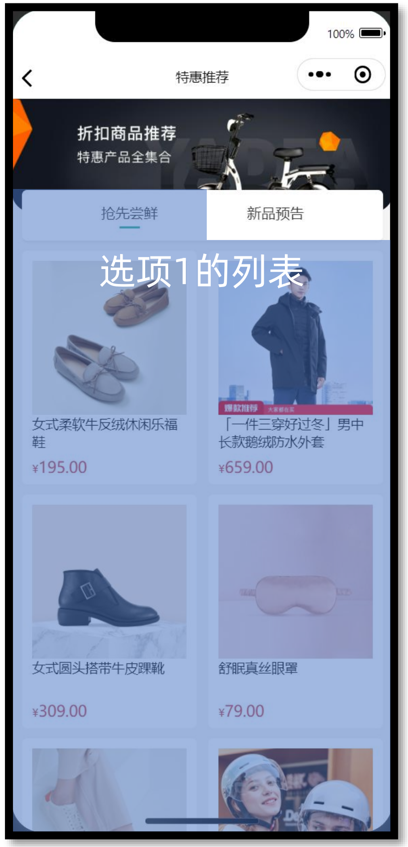
```
<!-- 推荐列表 -->
<scroll-view
  v-for="(item, index) in subTypes"
  :key="item.id"
  v-show="activeIndex === index"
>
  <view class="goods">
    <navigator
      v-for="goods in item.goodsItems.items"
      :key="goods.id"
      :url="`/pages/goods/goods?id=${goods.id}`"
    >
      <image class="thumb" :src="goods.picture" />
      <view class="name ellipsis">{{ goods.name }}</view>
      <view class="price">
        <text class="symbol">¥</text>
        <text class="number">{{ goods.price }}</text>
      </view>
    </navigator>
  </view>
  <view class="loading-text">正在加载...</view>
</scroll-view>
```

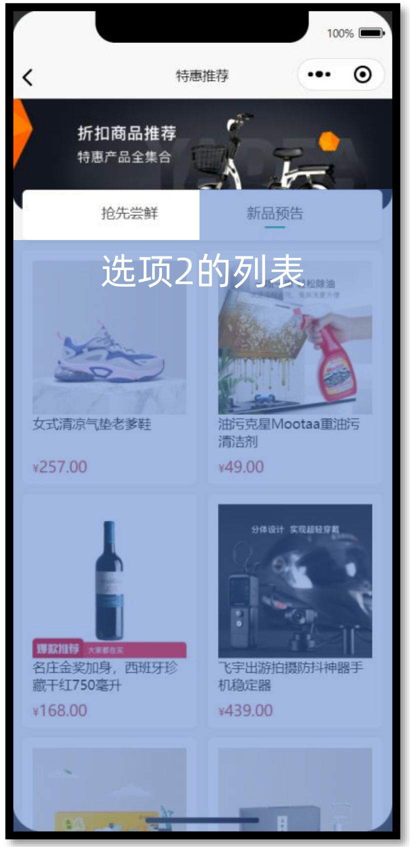
热门推荐 – 分页加载


滚动触底 → 获取当前选项 → 当前页码累加 → 调用 API 传参 → 当前数组追加

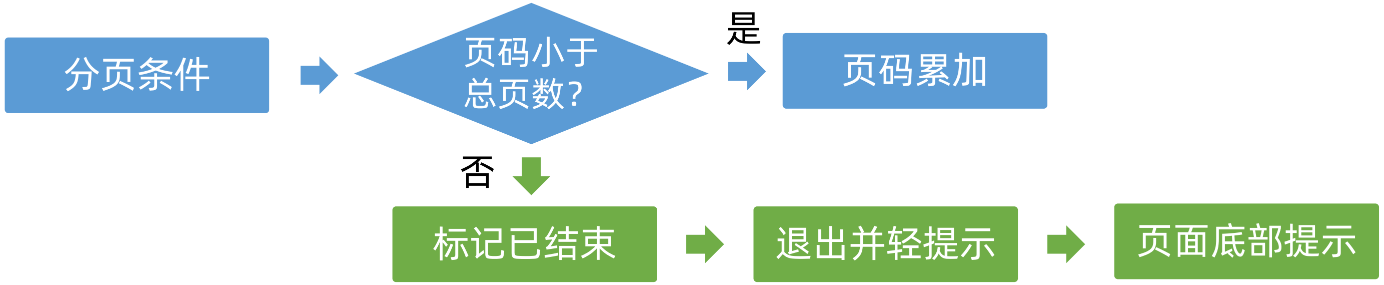

```
<scroll-view
  v-for="(item, index) in subTypes"
  :key="item.id"
  @scrolltolower="onScrolltolower"
>
```


```
// 滚动触底
const onScrolltolower = async () => {
  // 获取当前选项
  const currSubTypes = subTypes.value[activeIndex.value]
  // 当前选项页码累加
  currSubTypes.goodsItems.page++
  // 调用并传参
  const res = await getHotRecommendAPI(currUrlMap!.url, {
    subType: currSubTypes.id,
    page: currSubTypes.goodsItems.page,
    pageSize: currSubTypes.goodsItems.pageSize,
  })
  // 提取新数据
  const newSubTypes = res.result.subTypes[activeIndex.value]
  // 当前选项数组追加
  currSubTypes.goodsItems.items.push(...newSubTypes.goodsItems.items)
}
```





热门推荐 - 分页条件

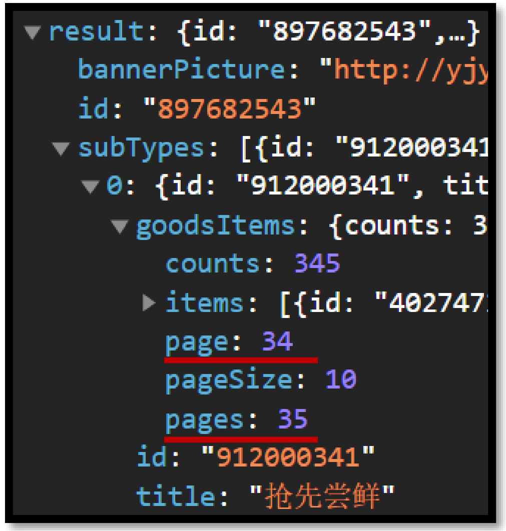

分页条件
页码小于
总页数？
是
页码累加
否
标记已结束
退出并轻提示
页面底部提示

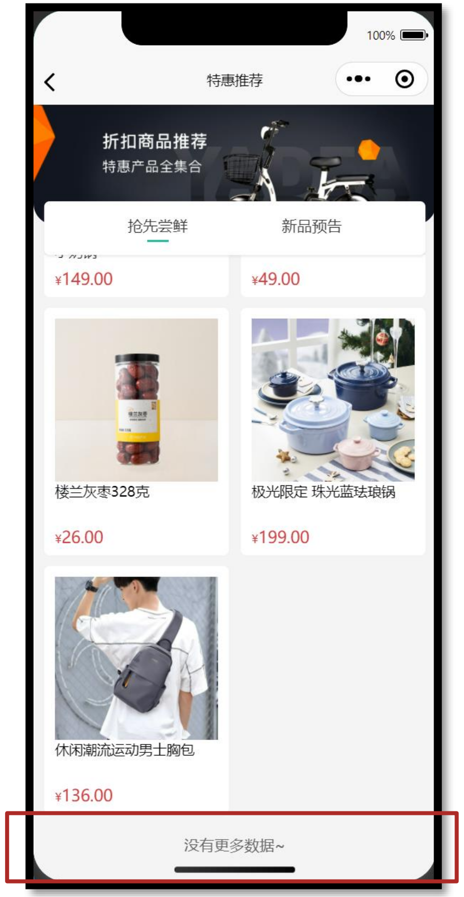
```ts
// 是否分页结束
if (currsubTypes.goodsItems.page < currsubTypes.goodsItems.pages) {
  // 当前页码累加
  currsubTypes.goodsItems.page++
} else {
  // 标记已结束
  currsubTypes.finish = true
  return uni.showToast({ icon: 'none', title: '没有更多数据~' })
}
```

```ts
// 推荐选项
const subTypes = ref<(SubTypeItem & { finish?: boolean })[]>([])
```

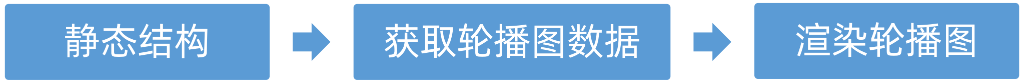
```html
<view class="loading-text">
  {{ item.finish ? '没有更多数据~' : '正在加载...' }}
</view>
```

```ts
const res = await getHotRecommendAPI(currUrlMap!.url, {
  // 技巧：如果是开发环境，修改默认页码方便测试分页
  page: import.meta.env.DEV ? 30 : 1,
  pageSize: 10,
})
```


```
▼ result: {id: "897682543",…}
    bannerPicture: "http://yjy
    id: "897682543"
  ▼ subTypes: [{id: "912000341
    ▼ 0: {id: "912000341", tit
      ▼ goodsItems: {counts: 3
          counts: 345
        ▶ items: [{id: "402747
          page: 34
          pageSize: 10
          pages: 35
        id: "912000341"
        title: "抢先尝鲜"
```

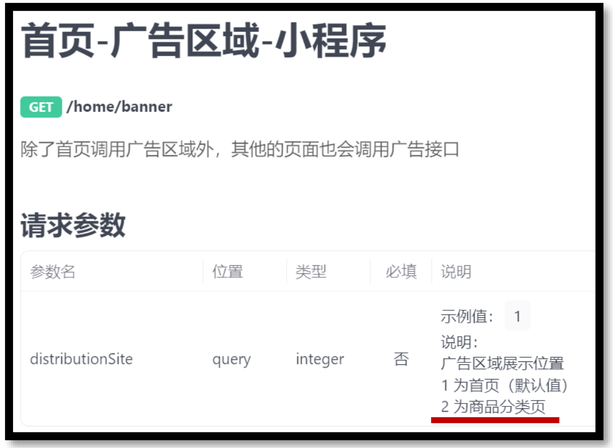


商品分类 - 准备工作



```
// src/pages/category/category.vue

// 获取轮播图数据
const bannerList = ref<BannerItem[]>([])
const getHomeBannerData = async () => {
  const res = await getHomeBannerAPI(2)
  bannerList.value = res.result
}

// 页面加载
onLoad(() => {
  getHomeBannerData()
})
```

```
<!-- 渲染轮播图 -->
<XtxSwiper class="banner" :list="bannerList" />
```



首页-广告区域-小程序

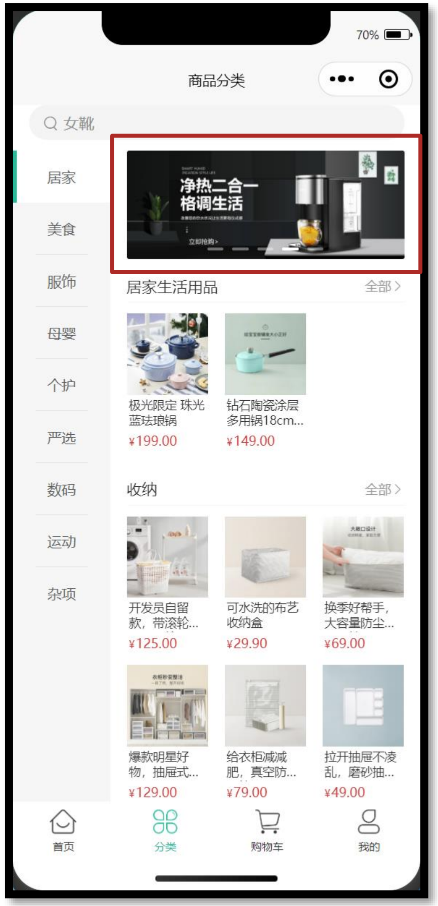
GET /home/banner

除了首页调用广告区域外，其他的页面也会调用广告接口

请求参数

参数名	位置	类型	必填	说明
distributionSite	query	integer	否	示例值： 1 说明： 广告区域展示位置 1 为首页（默认值） 2 为商品分类页

```
// src/services/home.ts
/**
 * 首页-广告区域-小程序
 * @param distributionSite 广告区域展示位置（投放位置
 */
export const getHomeBannerAPI = (distributionSite = 1) => {
  return http<BannerItem[]>({
    method: 'GET',
    url: '/home/banner',
    data: {
      distributionSite,
    },
  })
}
```



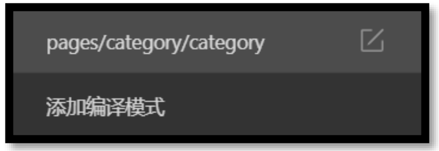
商品分类 - 渲染一级分类和Tab交互

封装API接口 ➡ 初始化调用 ➡ 定义类型 ➡ 渲染一级分类 ➡ Tab 交互

```
/** 分类列表-小程序-APP */
export const getCategoryTopAPI = () => {
  return http<CategoryTopItem[]>({
    method: 'GET',
    url: '/category/top',
  })
}
```

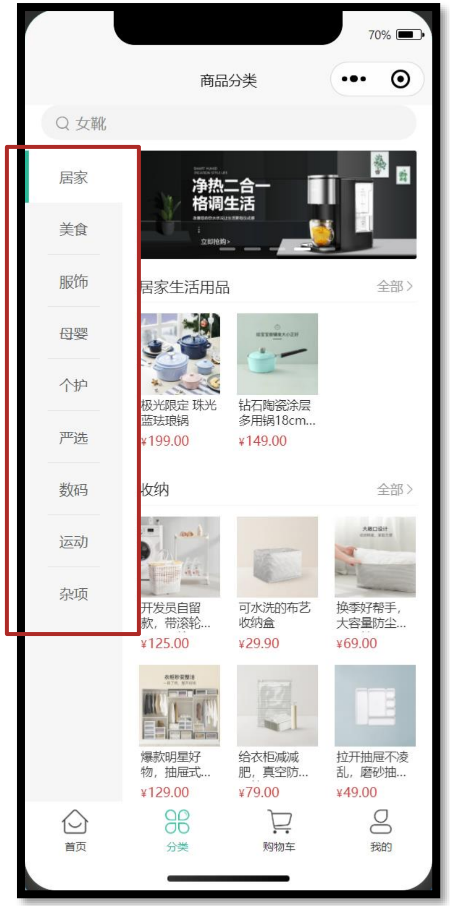
```
// 获取商品分类数据
const categoryList = ref<CategoryTopItem[]>([])
const getCategoryTopData = async () => {
  const res = await getCategoryTopAPI()
  categoryList.value = res.result
}

// 页面加载
onLoad(() => {
  getCategoryTopData()
})
```

```
import type { GoodsItem } from './global'

/** 一级分类项 */
export type CategoryTopItem = {
  /** 二级分类集合[ 二级分类项 ] */
  children: CategoryChildItem[]
  id: string
  imageBanners: string[]
  name: string
  picture: string
}

/** 二级分类项 */
export type CategoryChildItem = {
  /** 商品集合[ 商品项 ] */
  goods: GoodsItem[]
  id: string
  name: string
  picture: string
}
```

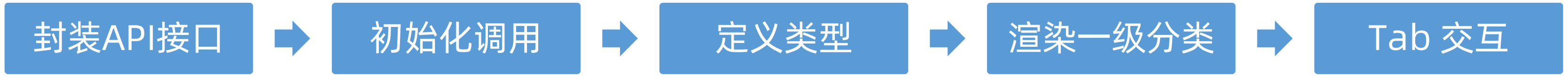


pages/category/category

添加编译模式

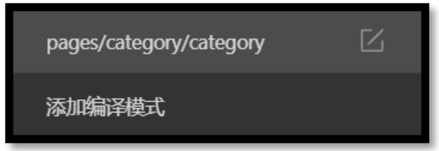


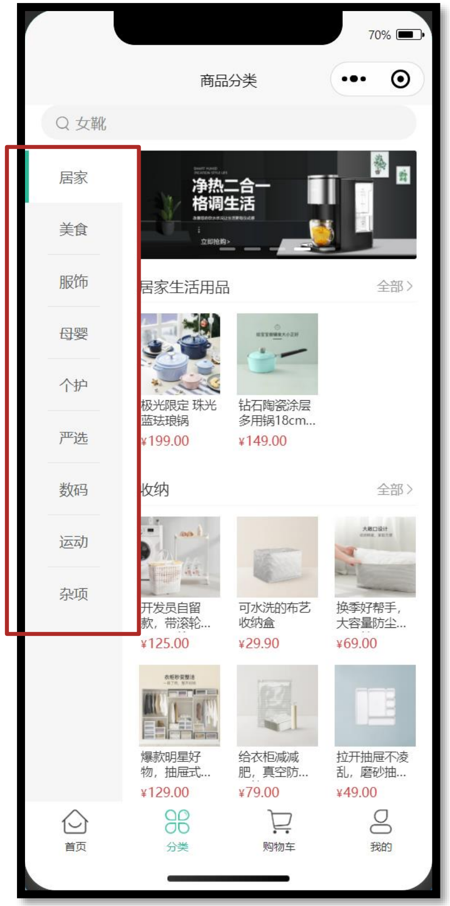
商品分类 - 渲染一级分类和Tab交互


封装API接口 → 初始化调用 → 定义类型 → 渲染一级分类 → Tab 交互

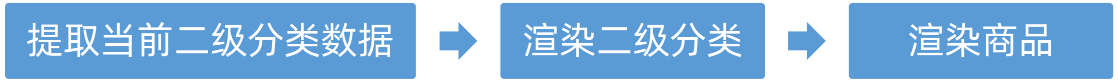
```
// 高亮下标
const activeIndex = ref(0)
```

```
<!-- 左侧：一级分类 -->
<scroll-view class="primary" scroll-y>
  <view
    v-for="(item, index) in categoryList"
    :key="item.id"
    class="item"
    :class="{ active: index === activeIndex }"
    @tap="activeIndex = index"
  >
    {{ item.name }}
  </view>
</scroll-view>
```



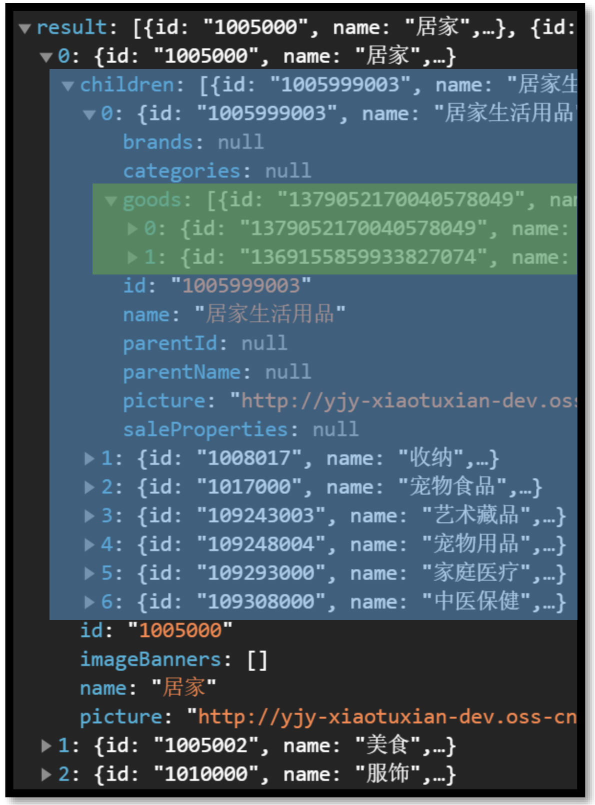


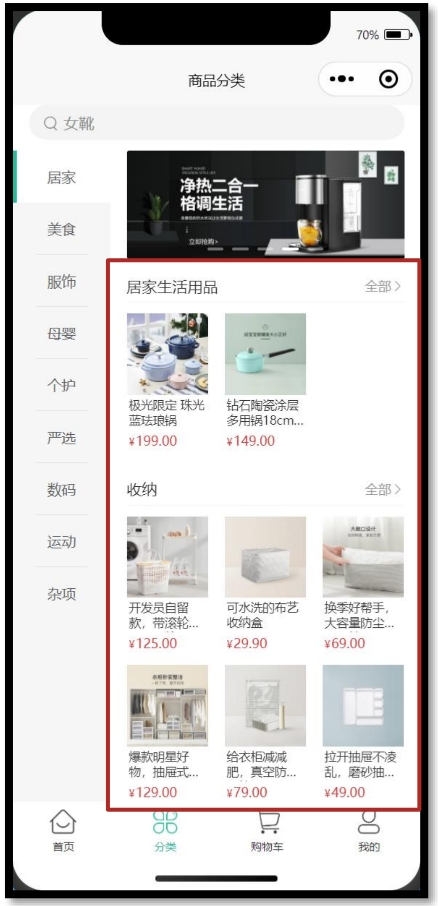
商品分类 - 二级分类和商品渲染


提取当前二级分类数据 → 渲染二级分类 → 渲染商品

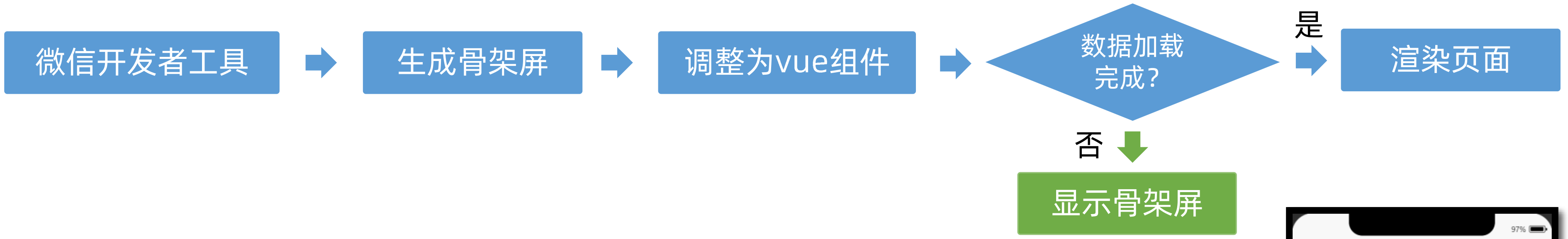
```
// 基于高亮下标提取二级分类数据
const subCategoryList = computed(() => {
  return categoryList.value[activeIndex.value]?.children || []
})
```

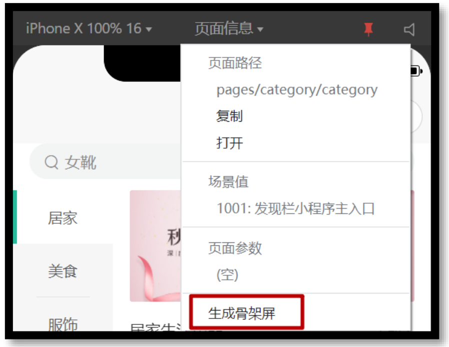
```
<view class="panel" v-for="item in subCategoryList" :key="item.id">
  <view class="title">
    <text class="name">{{ item.name }}</text>
    <navigator class="more" hover-class="none">全部</navigator>
  </view>
  <view class="section">
    <navigator
      v-for="goods in item.goods"
      :key="goods.id"
      :url="`/pages/goods/goods?id=${goods.id}`"
    >
      <image class="image" :src="goods.picture"></image>
      <view class="name ellipsis">{{ goods.name }}</view>
      <view class="price">
        <text class="symbol">¥</text>
        <text class="number">{{ goods.price }}</text>
      </view>
    </navigator>
  </view>
</view>
```


```
▼result: [{id: "1005000", name: "居家",…}, {id:
  ▼0: {id: "1005000", name: "居家",…}
    ▼children: [{id: "1005999003", name: "居家生
      ▼0: {id: "1005999003", name: "居家生活用品
          brands: null
          categories: null
        ▼goods: [{id: "1379052170040578049", nar
          ▶0: {id: "1379052170040578049", name:
          ▶1: {id: "1369155859933827074", name:
          id: "1005999003"
          name: "居家生活用品"
          parentId: null
          parentName: null
          picture: "http://yjy-xiaotuxian-dev.os
          saleProperties: null
      ▶1: {id: "1008017", name: "收纳",…}
      ▶2: {id: "1017000", name: "宠物食品",…}
      ▶3: {id: "109243003", name: "艺术藏品",…}
      ▶4: {id: "109248004", name: "宠物用品",…}
      ▶5: {id: "109293000", name: "家庭医疗",…}
      ▶6: {id: "109308000", name: "中医保健",…}
    id: "1005000"
    imageBanners: []
    name: "居家"
    picture: "http://yjy-xiaotuxian-dev.oss-cn
  ▶1: {id: "1005002", name: "美食",…}
  ▶2: {id: "1010000", name: "服饰",…}
```

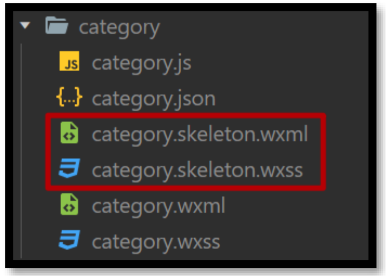


商品分类 - 骨架屏





页面路径
pages/category/category
复制
打开
场景值
1001: 发现栏小程序主入口
页面参数
(空)
生成骨架屏

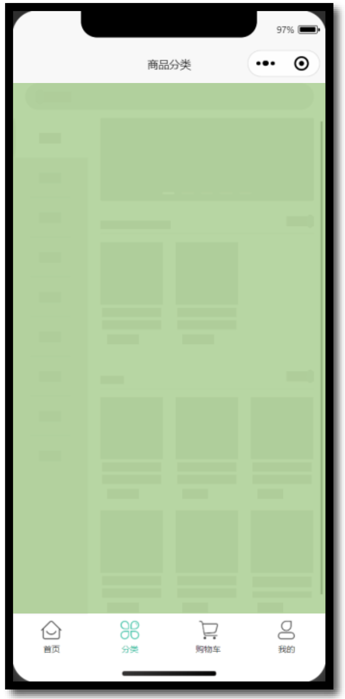


```
▾ category
    category.js
    category.json
    category.skeleton.wxml
    category.skeleton.wxss
    category.wxml
    category.wxss
```

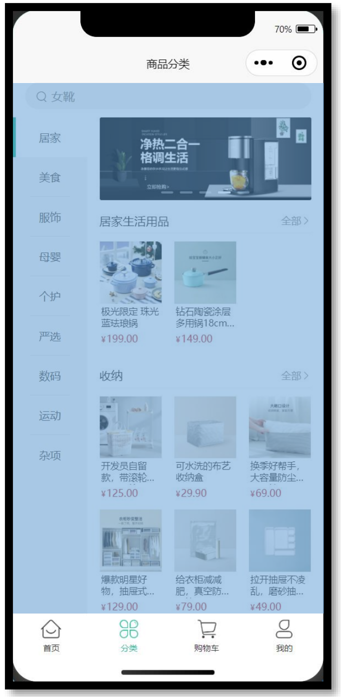
```
// PageSkeleton.vue
<template>
  骨架屏结构
</template>

<style>
  骨架屏样式
</style>
```

```
// 是否数据加载完毕
const isFinish = ref(false)
onLoad(async () => {
  await Promise.all([getBannerData(), getCategoryTopData()])
  isFinish.value = true
})
```

```
// pages/category/category.vue
<view class="viewport" v-if="isFinish">
 …省略
</scroll-view>
<PageSkeleton v-else />
```



骨架屏



正常展示

商品详情 - 准备工作

新建页面 → 静态结构 → 页面参数处理 → 封装API接口 → 初始化调用

传递页面参数

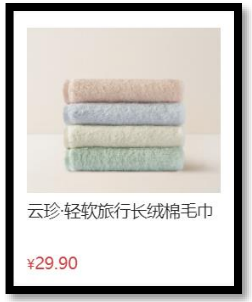
```
<navigator
  :url="`/pages/goods/goods?id=${goods.id}`"
>
  …省略
</navigator>
```

获取页面参数

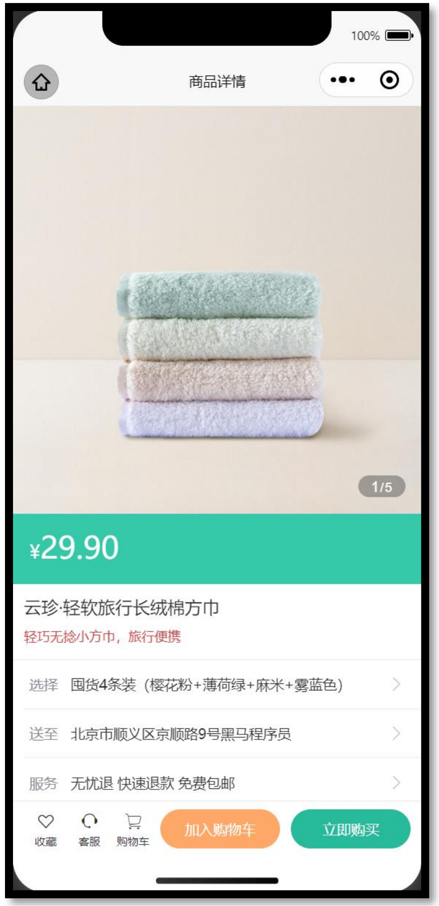
```
// src/pages/goods/goods.vue
// 获取页面参数
const query = defineProps<{
  id: string
}>()
```

```
// src/services/goods.ts
/**
 * 商品详情
 * @param id 商品id
 */
export function getGoodsByIdAPI(id: string) {
  return http({
    method: 'GET',
    url: '/goods',
    data: { id },
  })
}
```

```
// src/pages/goods/goods.vue
// 根据商品id获取商品详情
const getGoodsByIdData = async () => {
  const res = await getGoodsByIdAPI(query.id)
}

// 页面加载
onLoad(() => {
  getGoodsByIdData()
})
```



id →


100%
商品详情
1/5
¥29.90
云珍·轻软旅行长绒棉方巾
轻巧无捻小方巾，旅行便携
选择 国货4条装（樱花粉+薄荷绿+麻米+雾蓝色）
送至 北京市顺义区京顺路9号黑马程序员
服务 无忧退 快速退款 免费包邮
收藏
客服
购物车
加入购物车
立即购买

商品详情 - 页面渲染

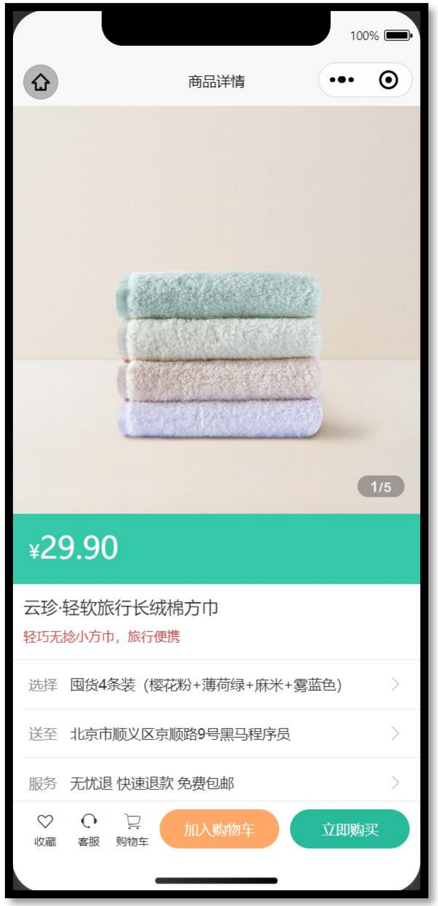
封装API接口 ➡ 初始化调用 ➡ 定义类型 ➡ 页面渲染

```
/** 商品信息 */
export type GoodsResult = {
  id: string
  name: string
  desc: string
  price: number
  oldPrice: number
  details: Details
  mainPictures: string[]
  similarProducts: GoodsItem[]
  skus: SkuItem[]
  specs: SpecItem[]
  userAddresses: UserAddressItem[]
}
/** 商品详情: 包含详情属性 + 详情图片*/
export type Details = {
  pictures: string[]
  properties: DetailsPropertyItem[]
}
/** 属性信息 */
export type DetailsPropertyItem = {
  name: string
  value: string
}
…省略
```

```
export const getGoodsByIdAPI = (id: string) => {
  return http<GoodsResult>({
    method: 'GET',
    url: '/goods',
    data: { id },
  })
}
```

```
// 获取商品详情信息
const goods = ref<GoodsResult>()
const getGoodsByIdData = async () => {
  const res = await getGoodsByIdAPI(query.id)
  goods.value = res.result
}
```

```
<swiper circular>
  <swiper-item v-for="item in goods?.mainPictures" :key="item">
    <image mode="aspectFill" :src="item" />
  </swiper-item>
</swiper>
 …省略
```



¥29.90

云珍·轻软旅行长绒棉方巾

轻巧无捻小方巾，旅行便携

选择 囤货4条装（樱花粉+薄荷绿+麻米+雾蓝色）

送至 北京市顺义区京顺路9号黑马程序员

服务 无忧退 快速退款 免费包邮

商品详情 - 轮播图交互

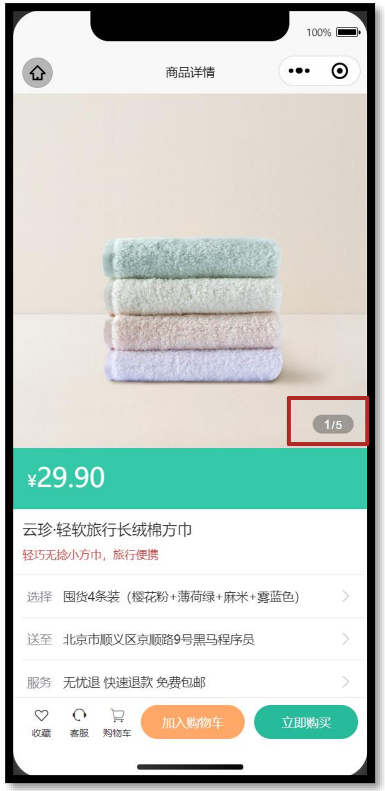
轮播图变化 → 更新下标 →

```
// 当前轮播图下标
const currentIndex = ref(0)
// 轮播图变化时
const onChange: UniHelper.SwiperOnChange = (ev) => {
  // 更新当前下标
  currentIndex.value = ev.detail!.current
}
```

点击图片 → 大图预览 →

```
// 点击商品主图
const onTapImage = (url: string) => {
  uni.previewImage({
    current: url,
    urls: goods.value!.mainPictures,
  })
}
```

```
<view class="preview">
  <swiper @change="onChange" circular>
    <swiper-item v-for="item in goods?.mainPictures" :key="item">
      <image @tap="onTapImage(item)" mode="aspectFill" :src="item" />
    </swiper-item>
  </swiper>
  <view class="indicator">
    <text class="current">{{ currentIndex + 1 }}</text>
    <text class="split">/</text>
    <text class="total">{{ goods?.mainPictures.length }}</text>
  </view>
</view>
```



¥29.90

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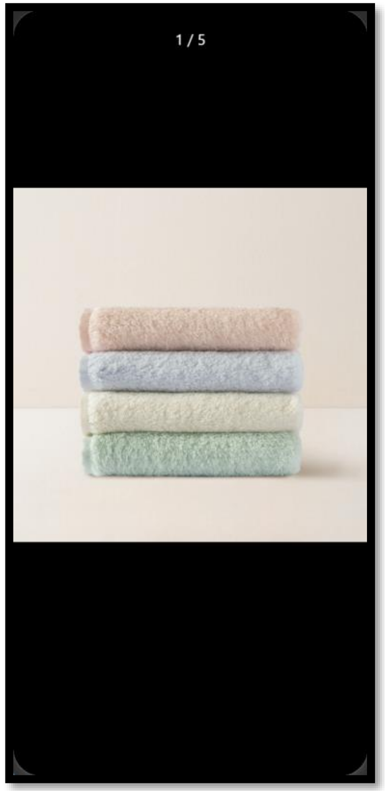
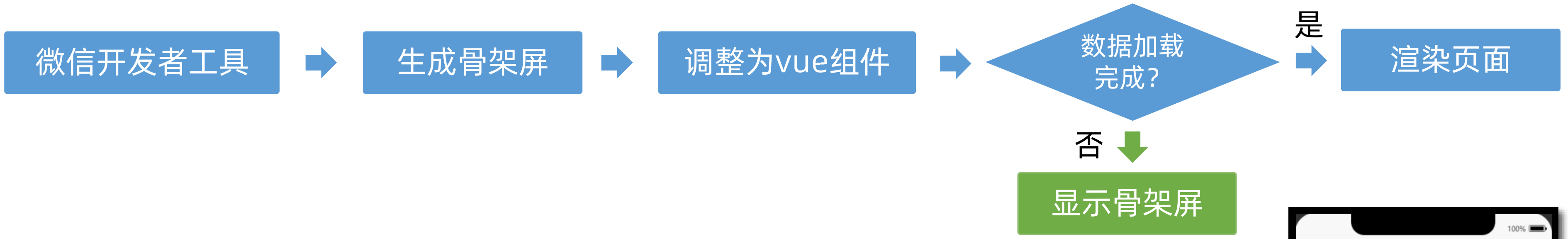
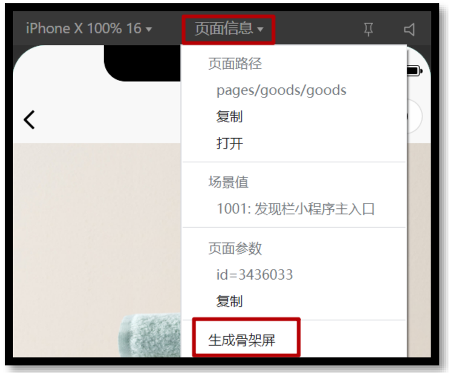
服务 无忧退 快速退款 免费包邮



商品详情 - 骨架屏 - 作业



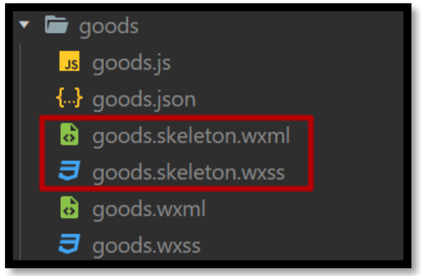


页面路径
pages/goods/goods
复制
打开

场景值
1001: 发现栏小程序主入口

页面参数
id=3436033
复制

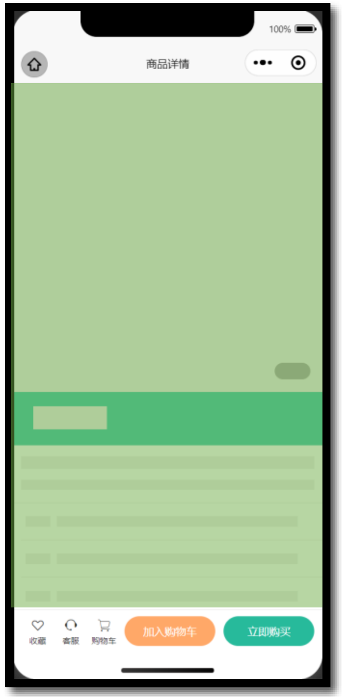
生成骨架屏



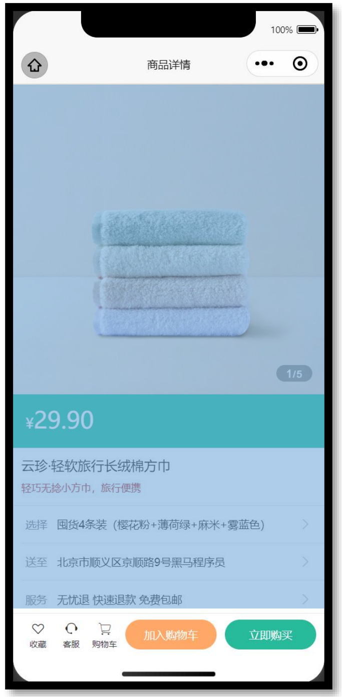
- goods
  - goods.js
  - goods.json
  - goods.skeleton.wxml
  - goods.skeleton.wxss
  - goods.wxml
  - goods.wxss

```
// PageSkeleton.vue
<template>
  骨架屏结构
</template>

<style>
  骨架屏样式
</style>
```

```
// pages/goods/goods.vue
<scroll-view v-if="goods" scroll-y class="viewport">
 …省略
</scroll-view>

<view v-else class="viewport">
  <PageSkeleton />
</view>
```



骨架屏


100%
商品详情
1/5
¥29.90
云珍·轻软旅行长绒棉方巾
轻巧无捻小方巾，旅行便携
选择 国货4条装（樱花粉+薄荷绿+麻米+雾蓝色）
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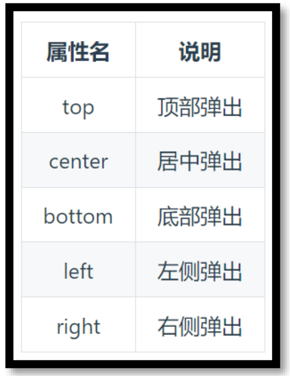
收藏
客服
购物车
加入购物车
立即购买

正常展示

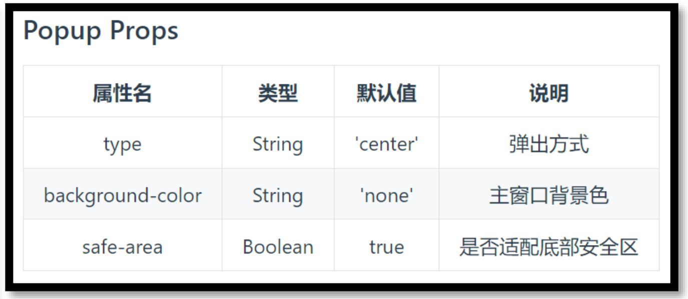
商品详情 - 弹出层

uni-ui 弹出层组件 → 设置弹出层属性 → 打开/关闭弹出层

uni-ui 弹出层组件文档

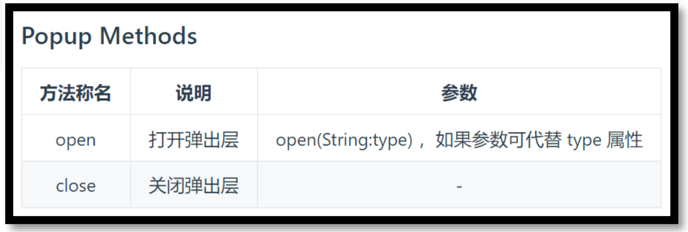


属性名	说明
top	顶部弹出
center	居中弹出
bottom	底部弹出
left	左侧弹出
right	右侧弹出



Popup Props

属性名	类型	默认值	说明
type	String	'center'	弹出方式
background-color	String	'none'	主窗口背景色
safe-area	Boolean	true	是否适配底部安全区



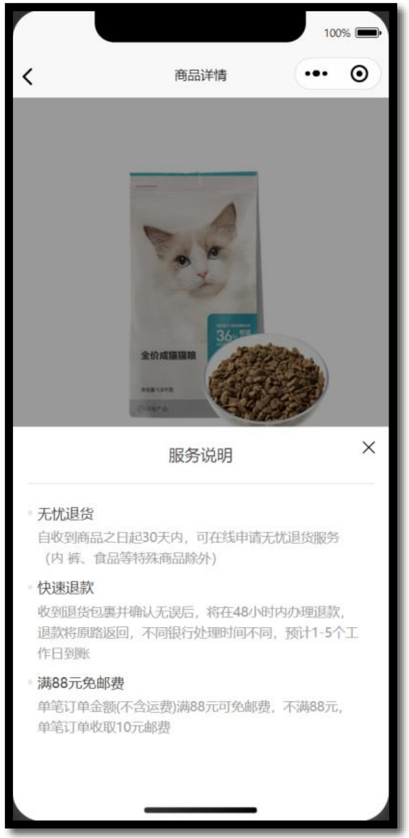
Popup Methods

方法称名	说明	参数
open	打开弹出层	open(String:type)，如果参数可代替 type 属性
close	关闭弹出层	-

```
// 弹出层组件ref
const popup = ref<{
  open: (type?: UniHelper.UniPopupType) => void
  close: () => void
}>()
```

```
<!-- uni-ui 弹出层组件 -->
<uni-popup ref="popup" type="bottom" background-color="#fff">
  <view>弹窗层内容1</view>
  <view>弹窗层内容2</view>
  <button @tap="popup?.close()">关闭弹出层</button>
</uni-popup>
```

```
<view @tap="popup?.open('bottom')" class="item arrow">
  <text class="label">服务</text>
  <text class="text ellipsis"> 无忧退 快速退款 免费包邮 </text>
</view>
```



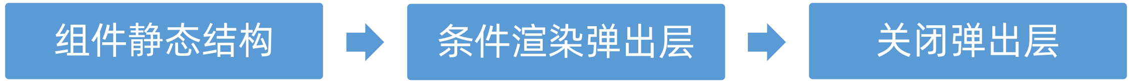
服务说明

无忧退货
自收到商品之日起30天内，可在线申请无忧退货服务（内 裤、食品等特殊商品除外）

快速退款
收到退货包裹并确认无误后，将在48小时内办理退款，退款将原路返回，不同银行处理时间不同，预计1-5个工作日到账

满88元免邮费
单笔订单金额(不含运费)满88元可免邮费，不满88元，单笔订单收取10元邮费

商品详情 - 弹出层交互



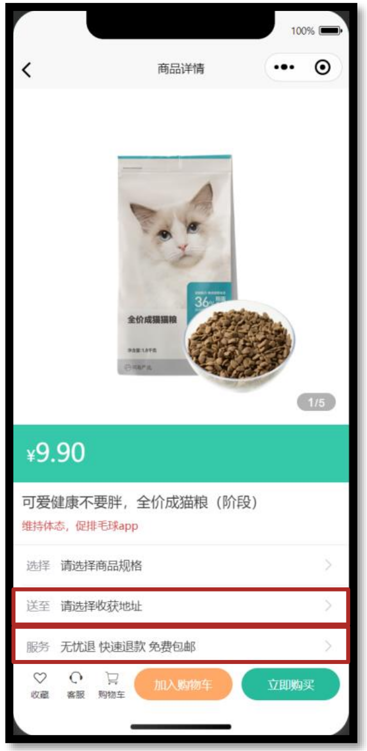
组件静态结构 ➡ 条件渲染弹出层 ➡ 关闭弹出层

```
// 当点击操作选项
const popupName = ref<'address' | 'service'>()
const openPopup = (name: typeof popupName.value) => {
  // 修改弹出层名字
  popupName.value = name
  // 打开弹出层
  popup.value?.open()
}
```

```
<uni-popup ref="popup" type="bottom" background-color="#fff">
  <ServicePanel v-if="popupName === 'service'" @close="popup?.close()" />
  <AddressPanel v-if="popupName === 'address'" @close="popup?.close()" />
</uni-popup>
```

```
<view @tap="openPopup('address')" class="item arrow">
  <text class="label">送至</text>
</view>
<view @tap="openPopup('service')" class="item arrow">
  <text class="label">服务</text>
</view>
```

```
// ServicePanel.vue & AddressPanel.vue
<script setup lang="ts">
const emit = defineEmits<{
  (event: 'close'): void
}>()
</script>
// 关闭按钮
<text class="close" @tap="emit('close')">
```



100%

商品详情

1/5

¥9.90

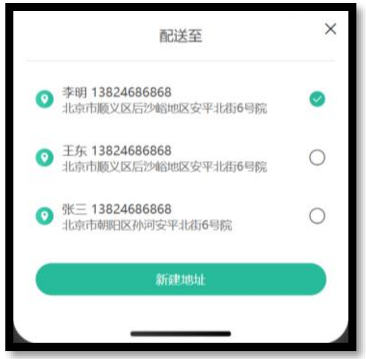
可爱健康不要胖，全价成猫粮（阶段）

维持体态，促排毛球app

选择 请选择商品规格

送至 请选择收获地址

服务 无忧退 快速退款 免费包邮

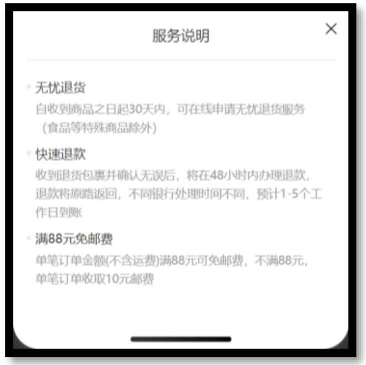


配送至

李明 13824686868
北京市顺义区后沙峪地区安平北街6号院 ✓

王东 13824686868
北京市顺义区后沙峪地区安平北街6号院 ○

张三 13824686868
北京市朝阳区孙河安平北街6号院 ○



服务说明

- 无忧退货

  自收到商品之日起30天内，可在线申请无忧退货服务（食品等特殊商品除外）

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  收到退货包裹并确认无误后，将在48小时内办理退款，退款将原路返回，不同银行处理时间不同，预计1-5个工作日到账

- 满88元免邮费

  单笔订单金额(不含运费)满88元可免邮费，不满88元，单笔订单收取10元邮费