# 1.vue组件的生命周期1-p196

## 参考链接: <https://cn.vuejs.org/guide/essentials/lifecycle>

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## 下面是一些说明

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# 2.vue组件的生命周期2-p197

## 其实上面的生命周期函数在组合式api里面可以用到的很少,最常用的是组件挂载完成钩子.也就是onMounted函数.下面来看看选项式api和组合式api钩子函数的名称写法

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# 演练-vue组件生命周期函数案例

## 1>用模板新建一个项目: lesson30\_vue\_comp\_life\_circle\_demo1,然后安装依赖,先把项目跑起来

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## 2>然后在src/components文件夹里面新建两个子组件,ChildComp1和ChildComp2,内容如下:

### ChildComp1.vue

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| **<template>**  **<div class="chileBox1">**  **<h2>我是子组件1</h2>**  **<p>{{msg}}</p>**  **</div>**  **</template>**  **<script setup>**  **import {ref,onMounted,onUnmounted} from "vue";**  **let msg = ref("Hello from Child1")**  **onMounted(()=>{**  **console.log("ChildComp1 Mounted")**  **})**    **onUnmounted(()=>{**  **console.log("ChildComp1 UnMounted")**  **})**  **</script>**  **<style scoped>**  **.chileBox1{**  **width: 500px;**  **height: 400px;**  **background-color: #f8f8f8;**  **}**    **</style>** |

### ChildComp2.vue

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| **<template>**  **<div class="chileBox2">**  **<h2>我是子组件2</h2>**  **<p>{{msg}}</p>**  **</div>**  **</template>**  **<script setup>**  **import {ref,onBeforeMount,onBeforeUnmount} from "vue";**  **let msg = ref("Hello from Child2")**  **onBeforeMount(()=>{**  **console.log("Before Mount...");**  **})**  **onBeforeUnmount(()=>{**  **console.log("Before Unmount...");**  **})**  **</script>**  **<style scoped>**  **.chileBox2{**  **width: 500px;**  **height: 400px;**  **background-color: pink;**  **}**  **</style>** |

## 3>然后在App.vue里面导入这两个子组件,并且创建2个标记show1和show2,并且创建2个按钮,一个演练显示/隐藏子组件1,一个用来显示/隐藏子组件2

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| **<template>**  **<div>**  **<button @click="show1=!show1">{{show1?"隐藏子组件1":"显示子组件1"}}</button>**  **<button @click="show2=!show2">{{show2?"隐藏子组件2":"显示子组件2"}}</button>**  **<hr>**  **<ChildComp1 v-if="show1"/>**  **<ChildComp2 v-if="show2"/>**  **</div>**  **</template>**  **<script setup>**  **import {ref} from "vue";**  **import ChildComp1 from "./components/ChildComp1.vue"**  **import ChildComp2 from "./components/ChildComp2.vue"**  **let show1 = ref(false)**  **let show2 = ref(false)**  **</script>**  **<style scoped>**  **</style>** |

## 注意:子组件和标签是类似的,都是可以用v-if来工具条件创建或者销毁

### 运行程序,默认界面是这样子的

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### 点击按钮1,会显示或者隐藏子组件1,同时会触发他的生命周期函数,点击按钮2,也会显示或者隐藏子组件2.同时触发他的生命周期函数

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## 这就是vue组件生命周期的简单使用