



Lifecycle Hooks

Nuxt provides a powerful hooking system to expand almost every aspect using hooks. This feature is powered by unjs/hookable.

Nuxt Hooks (Build Time)

These hooks are available for Nuxt Modules and build context.

Usage with `nuxt.config`

```
export default defineNuxtConfig({
  hooks: {
    'close': () => { }
  }
})
```

`nuxt.config`

Usage with Nuxt Modules

```
import { defineNuxtModule } from '@nuxt/kit'

export default defineNuxtModule({
  setup (options, nuxt) {
    nuxt.hook('close', async () => { })
  }
})
```

```
}}
```

App Hooks (Runtime)

App hooks can be mainly used by Nuxt Plugins to hook into rendering lifecycle but could also be used in Vue composables.

Usage with Plugins

```
export default defineNuxtPlugin((nuxtApp) => {  
  nuxtApp.hook('page:start', () => {  
    /* your code goes here */  
  })  
})
```

plugins/test.ts

👉 [Learn more about available lifecycle hooks](#)

Nitro App Hooks (Runtime)

These hooks are available for Nitro plugins to hook into Nitro's runtime behavior.

Usage within a Nitro Plugin

```
export default defineNitroPlugin((nitroApp) => {  
  nitroApp.hooks.hook('render:html', (html, { event }) => {  
    console.log('render:html', html)  
    html.bodyAppend.push('<hr>Appended by custom plugin')  
  })  
  
  nitroApp.hooks.hook('render:response', (response, { event }) => {  
    console.log('render:response', response)  
  })  
})
```

~/server/plugins/test.ts

```
}}
```

👉 [Learn more about available Nitro lifecycle hooks.](#)

Add additional hooks

You can add additional hooks by augmenting the types provided by Nuxt. This can be useful for modules.

```
import { HookResult } from "@nuxt/schema";

declare module '#app' {
  interface RuntimeNuxtHooks {
    'your-nuxt-runtime-hook': () => HookResult
  }
  interface NuxtHooks {
    'your-nuxt-hook': () => HookResult
  }
}

declare module 'nitropack' {
  interface NitroRuntimeHooks {
    'your-nitro-hook': () => void;
  }
}
```

[Edit on Github](#)

