



# addRouteMiddleware

`addRouteMiddleware()` is a helper function to dynamically add route middleware in your Nuxt application.

Route middleware are navigation guards stored in the `middleware/` directory of your Nuxt application (unless set otherwise).

## Usage

```
addRouteMiddleware (name: string | RouteMiddleware, middleware?: RouteMiddleware, options: AddRouteMiddlewareOptions)
```

`addRouteMiddleware()` takes three arguments:

- **name** type: `string | RouteMiddleware`

`name` can be either a string or a function of type `RouteMiddleware`. Function takes the next route `to` as the first argument and the current route `from` as the second argument, both of which are Vue route objects.

Learn more about available properties of route objects.

- **middleware** type: `RouteMiddleware`

The second argument is a function of type `RouteMiddleware`. Same as above, it provides `to` and `from` route objects. It becomes optional if the first argument in `addRouteMiddleware()` is already passed as a function.

- **options** type: `AddRouteMiddlewareOptions`

An optional `options` argument lets you set the value of `global` to `true` to indicate whether the router middleware is global or not (set to `false` by default).

# Examples

## Anonymous Route Middleware

Anonymous route middleware does not have a name. It takes a function as the first argument, making the second `middleware` argument redundant:

```
export default defineNuxtPlugin(() => {  
  addRouteMiddleware((to, from) => {  
    if (to.path === '/forbidden') {  
      return false  
    }  
  })  
})
```

plugins/my-plugin.ts

## Named Route Middleware

Named route middleware takes a string as the first argument and a function as the second.

When defined in a plugin, it overrides any existing middleware of the same name located in the `middleware/` directory:

```
export default defineNuxtPlugin(() => {  
  addRouteMiddleware('named-middleware', () => {  
    console.log('named middleware added in Nuxt plugin')  
  })  
})
```

plugins/my-plugin.ts

## Global Route Middleware

Set an optional, third argument `{ global: true }` to indicate whether the route middleware is global:

```
export default defineNuxtPlugin(() => {  
  addRouteMiddleware('global-middleware', (to, from) => {  
    console.log('global middleware that runs on every route change')  
  },  
  { global: true }  
})  
})
```

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