

# 打包工具后端服务功能使用之一隅

## ——以 Vite 为例

止戈

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开源新生活

Open Source

Open Life



# 关于我



## 止戈

开源爱好者

freeCodeCamp 中文社区贡献者

开源社贡献者

—(游民)—混子

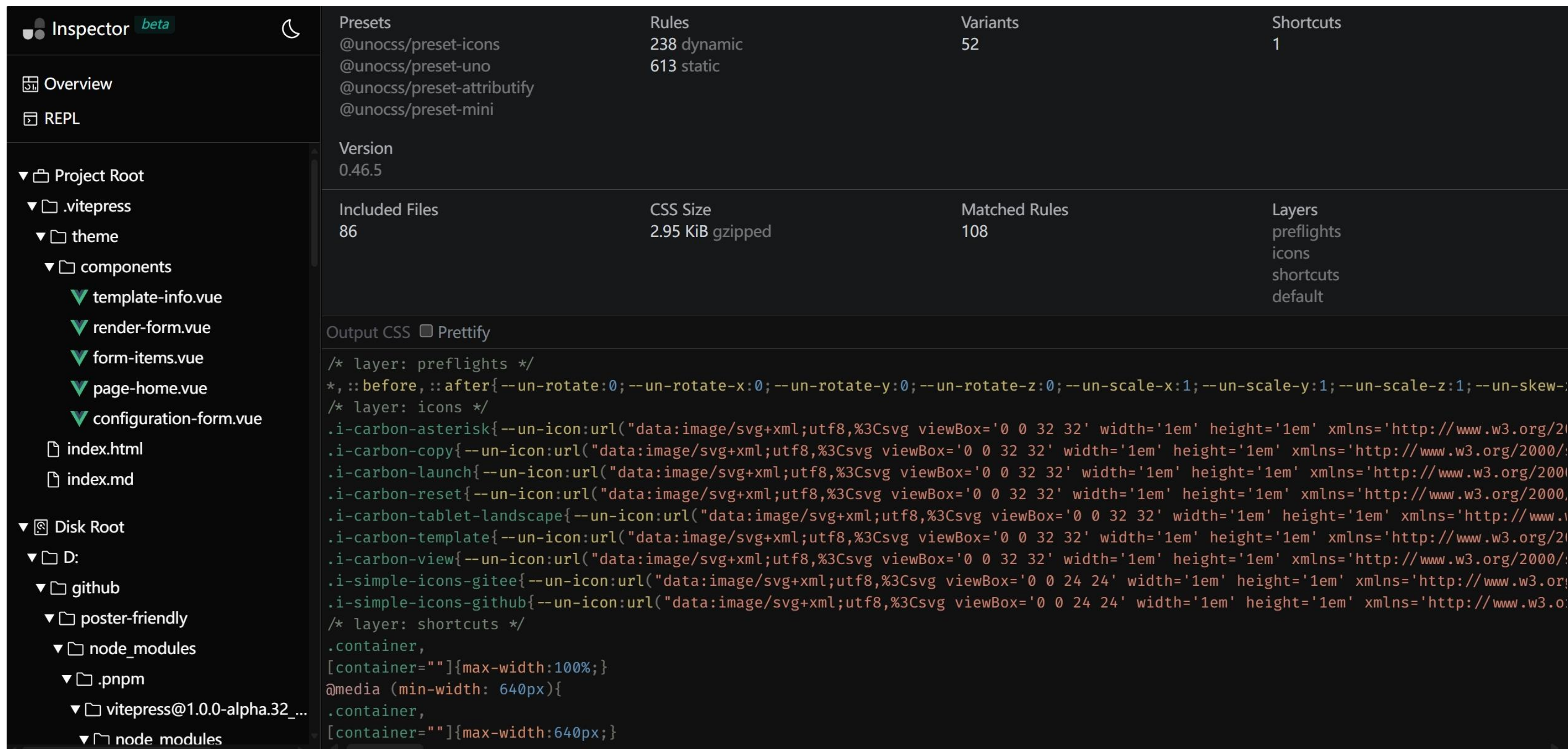
社区—(观察者)—吃瓜群众





# 缘起

## http://localhost:5173/\_\_unocss



The screenshot displays the UnoCSS Inspector interface. On the left, a file tree shows the project structure under 'Project Root' and 'Disk Root'. The main panel shows the 'Presets' list, 'Rules' count (238 dynamic, 613 static), 'Variants' (52), and 'Shortcuts' (1). Below this, a table lists 'Included Files' (86), 'CSS Size' (2.95 KiB gzipped), 'Matched Rules' (108), and 'Layers' (preflights, icons, shortcuts, default). The 'Output CSS' section shows the generated CSS code, including layer comments and various icon and container rules.

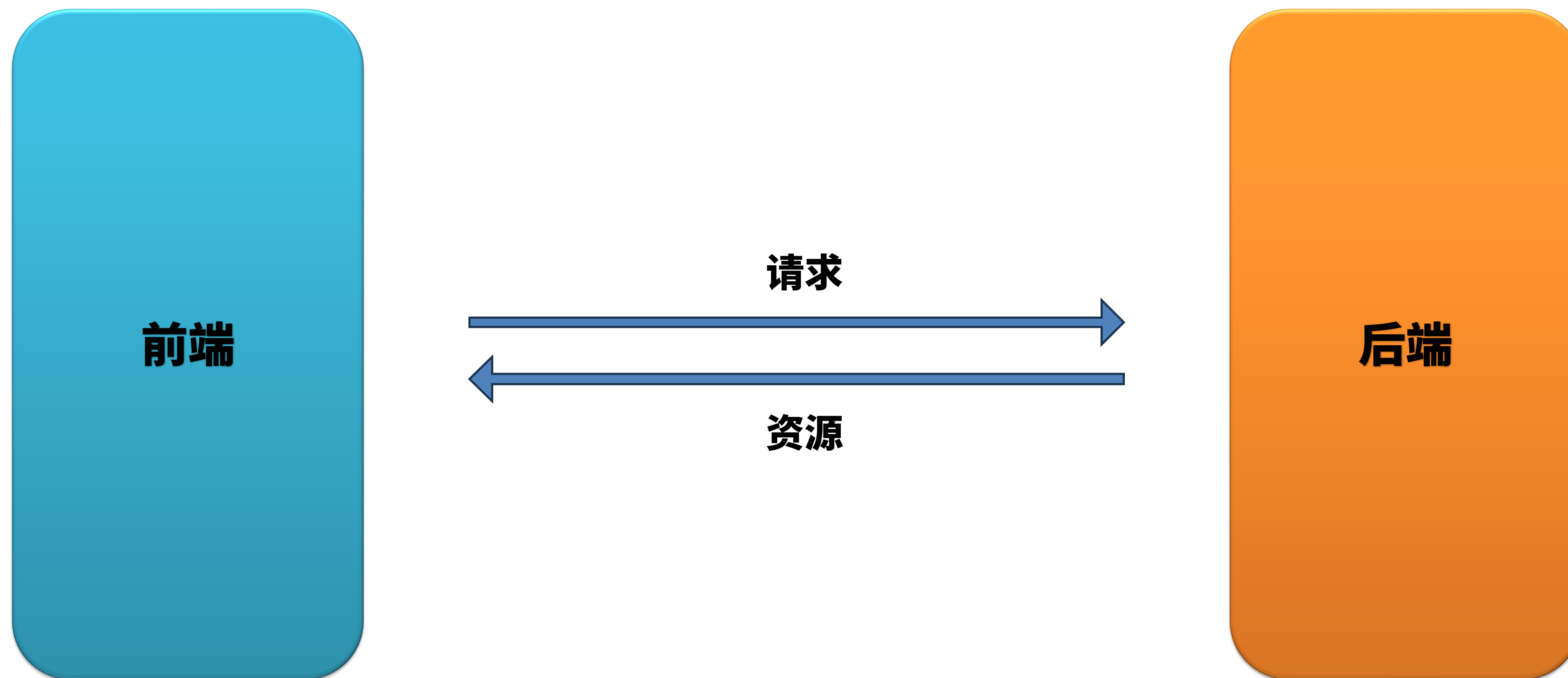
Presets	Rules	Variants	Shortcuts
@unocss/preset-icons	238 dynamic	52	1
@unocss/preset-uno	613 static		
@unocss/preset-attributify			
@unocss/preset-mini			

Included Files	CSS Size	Matched Rules	Layers
86	2.95 KiB gzipped	108	preflights icons shortcuts default

```
Output CSS  Prettify
/* layer: preflights */
*, ::before, ::after{--un-rotate:0;--un-rotate-x:0;--un-rotate-y:0;--un-rotate-z:0;--un-scale-x:1;--un-scale-y:1;--un-scale-z:1;--un-skew-x:0;--un-skew-y:0;--un-skew-z:0}
/* layer: icons */
.i-carbon-asterisk{--un-icon:url("data:image/svg+xml;utf8,%3Csvg viewBox='0 0 32 32' width='1em' height='1em' xmlns='http://www.w3.org/2000/svg'%3E%3Cpath d='M16 16 28 28'/%3E')}
.i-carbon-copy{--un-icon:url("data:image/svg+xml;utf8,%3Csvg viewBox='0 0 32 32' width='1em' height='1em' xmlns='http://www.w3.org/2000/svg'%3E%3Cpath d='M16 16 28 28'/%3E')}
.i-carbon-launch{--un-icon:url("data:image/svg+xml;utf8,%3Csvg viewBox='0 0 32 32' width='1em' height='1em' xmlns='http://www.w3.org/2000/svg'%3E%3Cpath d='M16 16 28 28'/%3E')}
.i-carbon-reset{--un-icon:url("data:image/svg+xml;utf8,%3Csvg viewBox='0 0 32 32' width='1em' height='1em' xmlns='http://www.w3.org/2000/svg'%3E%3Cpath d='M16 16 28 28'/%3E')}
.i-carbon-tablet-landscape{--un-icon:url("data:image/svg+xml;utf8,%3Csvg viewBox='0 0 32 32' width='1em' height='1em' xmlns='http://www.w3.org/2000/svg'%3E%3Cpath d='M16 16 28 28'/%3E')}
.i-carbon-template{--un-icon:url("data:image/svg+xml;utf8,%3Csvg viewBox='0 0 32 32' width='1em' height='1em' xmlns='http://www.w3.org/2000/svg'%3E%3Cpath d='M16 16 28 28'/%3E')}
.i-carbon-view{--un-icon:url("data:image/svg+xml;utf8,%3Csvg viewBox='0 0 32 32' width='1em' height='1em' xmlns='http://www.w3.org/2000/svg'%3E%3Cpath d='M16 16 28 28'/%3E')}
.i-simple-icons-gitee{--un-icon:url("data:image/svg+xml;utf8,%3Csvg viewBox='0 0 24 24' width='1em' height='1em' xmlns='http://www.w3.org/2000/svg'%3E%3Cpath d='M16 16 28 28'/%3E')}
.i-simple-icons-github{--un-icon:url("data:image/svg+xml;utf8,%3Csvg viewBox='0 0 24 24' width='1em' height='1em' xmlns='http://www.w3.org/2000/svg'%3E%3Cpath d='M16 16 28 28'/%3E')}
/* layer: shortcuts */
.container,
[container=""]{max-width:100%;}
@media (min-width: 640px){
.container,
[container=""]{max-width:640px;}
```

# 原理



~~✘ 打包工具后端服务功能使用之一隅~~  
~~——以 Vite 为例~~

✔ Vite 后端服务功能使用之一隅

# Vite 插件



```
export default function myPlugin() {
  return {
    name: 'my-plugin' ,

    // 调用编写钩子函数内部逻辑
    configureServer(server) {
      server.middlewares.use('/__unocss', sirv(resolve(_dirname, './dist/client'), {
        single: true,
        dev: true,
      }))

      server.middlewares.use('/__unocss_api', async (req, res, next) => {
        // ...
      })

      // ...
    }
  }
}
```



# configureServer

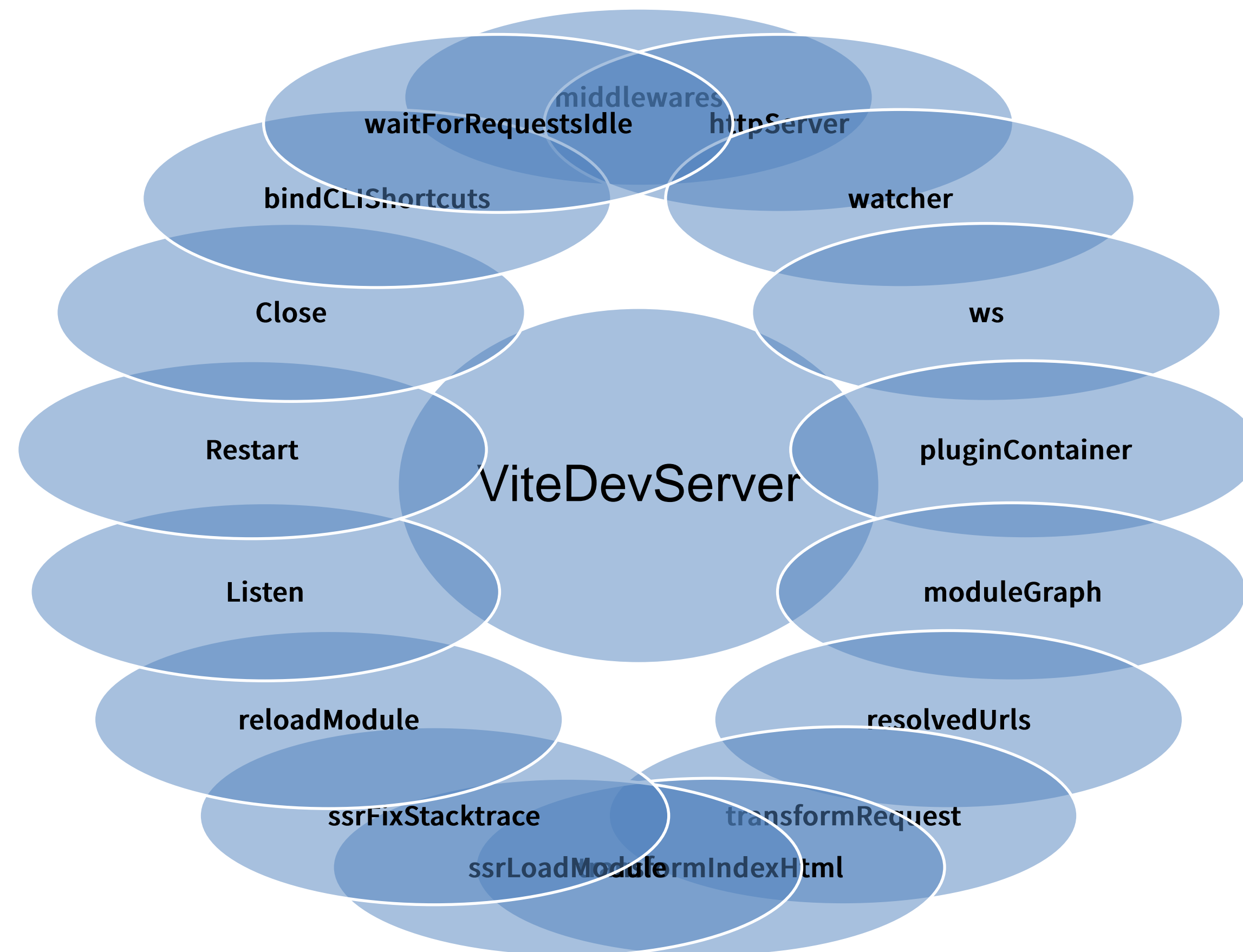
(server: ViteDevServer) => (() => void) | void | Promise<(() => void) | void>

```
const myPlugin = () => ({
  name: 'configure-server',
  configureServer(server) {
    server.middlewares.use((req, res, next) => {
      // 自定义请求处理...
    })

    // 返回一个在内部中间件安装后
    // 被调用的后置钩子
    return () => {
      server.middlewares.use((req, res, next) => {
        // 自定义请求处理...
      })
    }
  }
})
```

```
const myPlugin = () => {
  let server
  return {
    name: 'configure-server',
    configureServer(_server) {
      server = _server
    },
    transform(code, id) {
      if (server) {
        // 使用 server...
      }
    }
  }
}
```

# ViteDevServer







# Code Time

# THANKS

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