

Building and Serving Vue



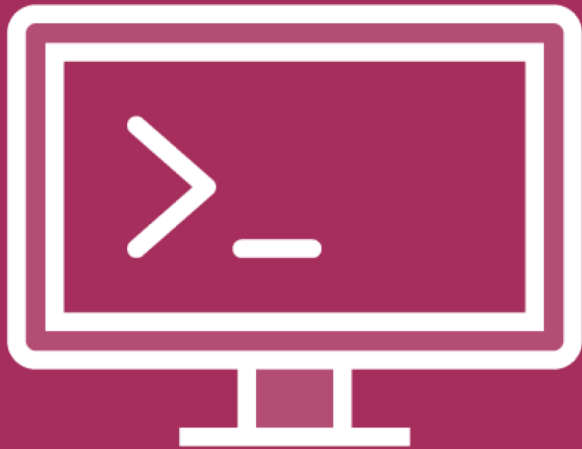
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Building and Serving Vue



The Vue CLI service

Serving options

Building apps

Building libraries

Building web components



The Vue CLI Service



The Vue CLI Service



Run **vue-cli-service**



Uses webpack for builds and serving



Invoke through npm scripts for convenience and consistency



Using the Binary

```
$ npm run serve
```

Access via npm scripts

```
$ ./node_modules/.bin/vue-cli-service serve
```

Access via ./node_modules

```
$ npx vue-cli-service serve
```

Access via npx

npx requires npm 5.2+



Serving Vue Apps



Serving with npm or yarn



```
$ npm run serve
```



```
$ yarn serve
```



Common `vue-cli-service serve` Options

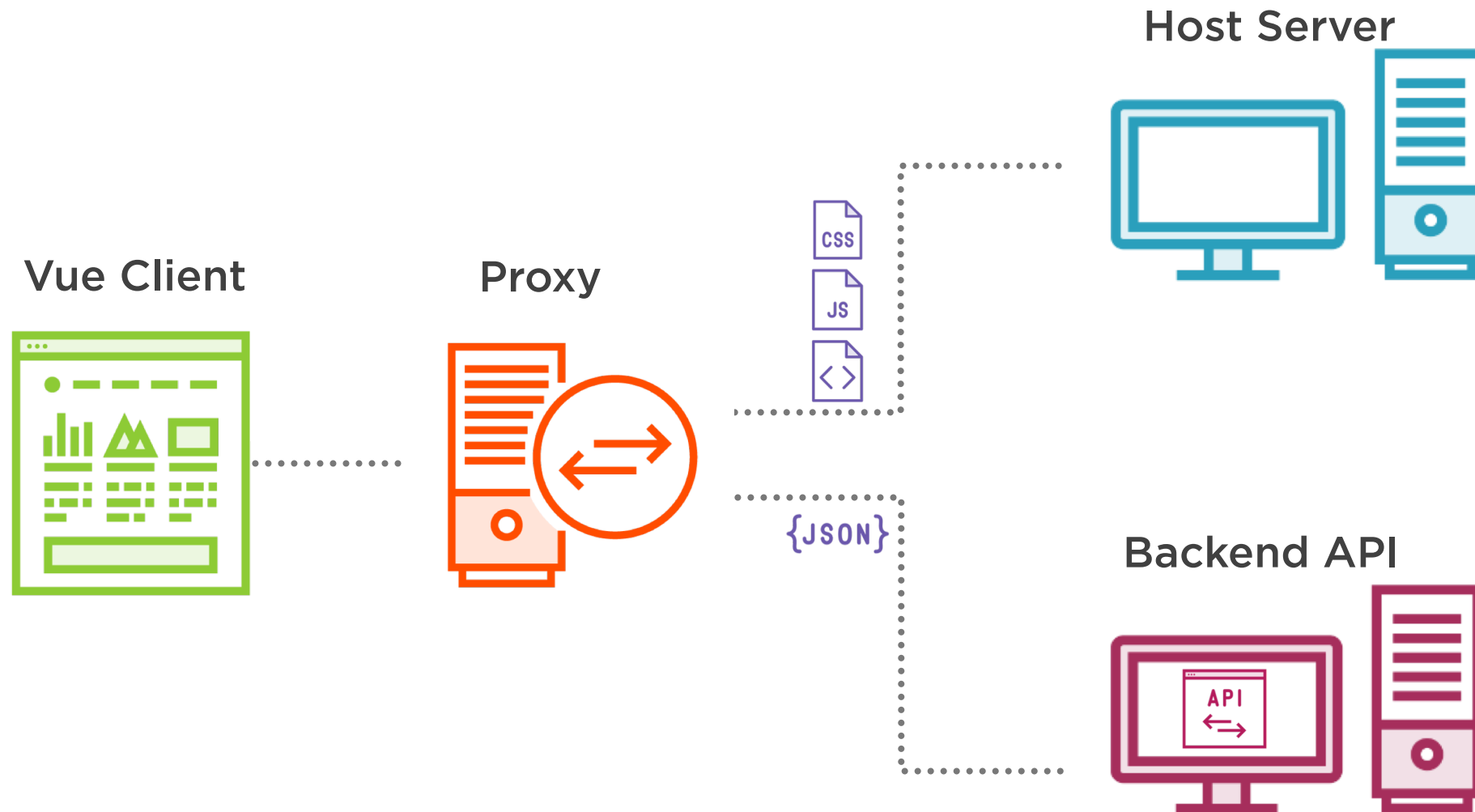
Options

Description

<code>--open</code>	Open the browser on server start
<code>--copy</code>	Copy the url to the clipboard on server start
<code>--mode</code>	Specify the environment mode (default is development)
<code>--host</code>	The host (default is 0.0.0.0)
<code>--port</code>	The port (default is 8080)
<code>--https</code>	Use https (default is false)



Proxying Requests



Try it Out



Serving Vue



Building Vue



Common `vue-cli-service build` Options

Options	Description
<code>--mode</code>	Environment mode (default is production)
<code>--dest</code>	Output directory (default is dist)
<code>--modern</code>	Target modern browsers, with automatic fallback
<code>--target</code>	Type of app to build such as app, lib, wc (default is app)
<code>--name</code>	Name of the build
<code>--no-clean</code>	Do not remove the dist directory before building
<code>--report</code>	Generate report to analyze bundle
<code>--report-json</code>	Generate report (in JSON) to analyze bundle
<code>--watch</code>	Watch for changes



Building

```
$ npm run build
```

Production application build

```
vue-cli-service build --target lib  
  --name [name] [entry-file]
```

Build a library

I recommend that you run
these as npm scripts

```
vue-cli-service build --target wc  
  --name [name] [entry-component]
```

Build a Web Component



Vue Build Targets



Application (**--target app**)



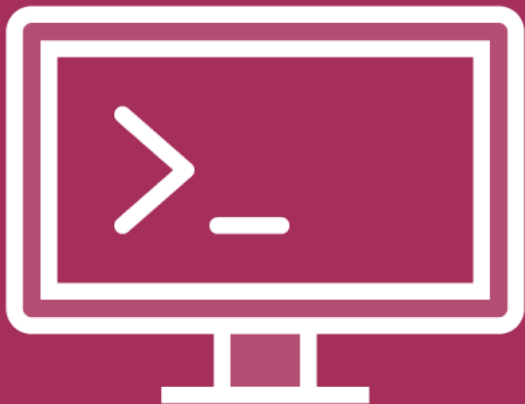
Library (**--target lib**)



Web Component (**--target wc**)



Demo



Building Vue



Summary

