Universal application code in Nuxt.js

Diagram by @KrutiePatel

SOURCE

/modules — Modules
/api — Server Middleware
/plugins — Plugins

path defined in

/nuxt.config.js — Nuxt Config

key used in

/store — Store

/middleware — Route Middleware

- page middleware
- layout middleware
- global middleware

key used in

key used in

/pages — Page Components
/layouts — Layout Components
/components — Single File Components

creates

Router (nuxt-link)

/assets — Webpacked assets
/static — Static assets

Your universal application code

Nuxt packages your code

DEFINES ROOT VUE INSTANCE

app.js

imports

index.js

SETS CONTEXT

CREATES ROOT VUE INSTANCE

...CREATES NEW APP INSTANCE FOR EACH REQUEST

EXPORTS FUNCTION TO BE CALLED BY 'BUNDLE-RENDERER'

server.js

client.js

UPDATES CONTEXT

MOUNTS VUE APP TO DOM ELEMENT $MOUNT('#__NUXT')

CREATES NEW VUE INSTANCE

Webpack Build

Webpack bundles and delivers final app

NODE SERVER

SERVER BUNDLE → **Bundle Renderer**

Render

BROWSER

CLIENT BUNDLE — Hydrate → **HTML**