Nuxt Fundamentals

Short recap day #1

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Nuxt applications

Vue instance

Presentation (HTML/CSS)

UI Logic (JavaScript)

Data / Service Access (JavaScript)
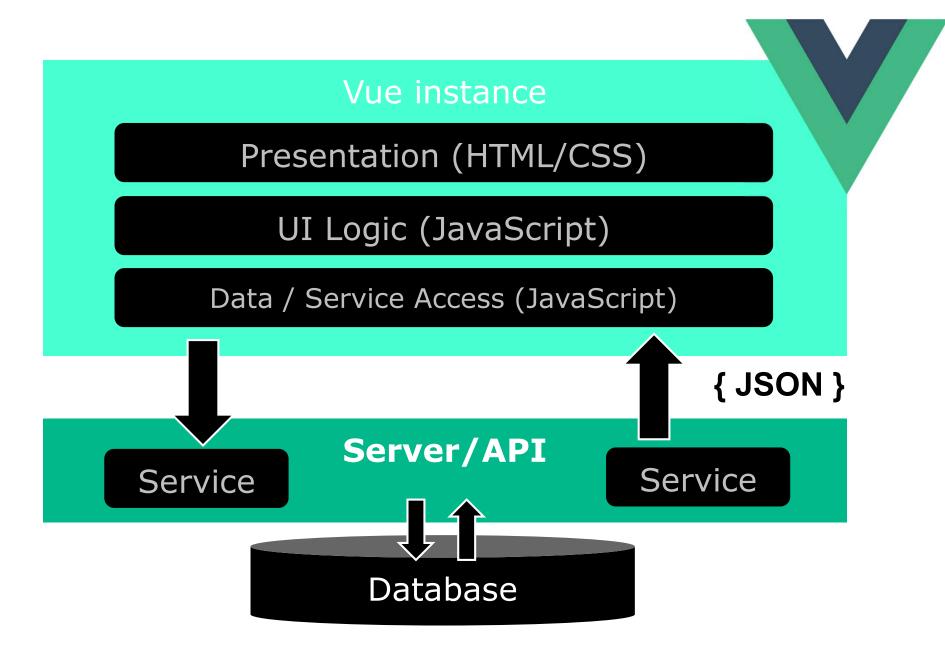
{ JSON }

Server/API

Service

Service

Database

Short recap content day #1

- `npx` **vs.** `npm`

- SRR → Hydration → SPA

- Nuxt DevTools

  - Inspect components

  - Inspect/Add Modules

- Short: Options API vs. Composition API

- Default directories:

  - `./pages`

  - `./components`

  - `./composables`

  - Add custom directory to `nuxt.config.ts`.

Contents (cont'd)

- Layout files

- Smart- & Dumb (view) components

- Props & events/`emit` vs. `provide()` & `inject()`

- Adding custom Libraries (e.g. Bootstrap et. all)

- Adding Modules (e.g. Tailwind et. all)

- Using Navigation

  - Static navigation with `<NuxtLink>`

  - Dynamic navigation with `[someName].vue` and `route.params.someName.`

  - Possibly multiple levels deep

  - Spread operator `…someProps`

Questions?

Today, day #2

- Using Promises and/or `async/await`?

- Creating Custom Error Pages

  - 404-pages, handling fetch-errors

  - Best practices

- Creating your own composables

  - Usage with Composition API

  - (= also valid in Vue, not Nuxt-specific)

- SEO best practices, `useHead()` and more

- Creating & using server routes

- …

Next week, day #3, Thursday 20 Feb.

- Unit testing with Vitest

- Vue Test Utils

- Nuxt Test Utils

- Writing your own tests

- …