



# Layers

One of the core features of Nuxt 3 is the layers and extending support. You can extend a default Nuxt application to reuse components, utils, and configuration. The layers structure is almost identical to a standard Nuxt application which makes them easy to author and maintain.

Some use cases:

- ✓ Share reusable configuration presets across projects using `nuxt.config` and `app.config`
- ✓ Create a component library using `components/` directory
- ✓ Create utility and composable library using `composables/` directory and `utils/` directory
- ✓ Create Nuxt themes
- ✓ Create Nuxt module presets
- ✓ Share standard setup across projects

You can extend a layer by adding the extends property to the `nuxt.config.ts` file.

```
export default defineNuxtConfig({
  extends: [
    '../base', // Extend from a local layer
    '@my-themes/awesome', // Extend from an installed npm package
    'github:my-themes/awesome#v1', // Extend from a git repository
  ]
})
```

nuxt.config.ts

A quick video made by Learn Vue to showcase the power of `extends` :

# SHARE CODE BETWEEN NUXT PROJECTS

```
export default defineNuxtConfig({
  extends: [
    'base-layout',
    'github:LearnVueCo/ui',
    'logic'
  ]
})
```

## Authoring Nuxt Layers

See [Layer Author Guide](#) to learn more.

## Examples

- [Nuxt Docus Theme](#)
- [Nuxt Content Wind Theme](#)

[Edit on Github](#)



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