

Welcome to Slidev

Slidev Starter Template
Presentation slides for developers.
Learn more at [Sli.dev](https://sli.dev)

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The last comment block of each slide will be treated as slide notes. It will be visible and editable in Presenter Mode along with the slide. [Read more in the docs](#)

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What is Slidev?

Slidev is a slides maker and presenter designed for developers, consist of the following features

- 📄 **Text-based** - focus on the content with Markdown, and then style them later
- 🎨 **Themable** - theme can be shared and used with npm packages
- 👤 **Developer Friendly** - code highlighting, live coding with autocompletion
- 🧩 **Interactive** - embedding Vue components to enhance your expressions
- 📹 **Recording** - built-in recording and camera view
- 📁 **Portable** - export into PDF, PNGs, or even a hostable SPA
- 🛠️ **Hackable** - anything possible on a webpage

Read more about [Why Slidev?](#)

Here is another comment.

Navigation

Hover on the bottom-left corner to see the navigation's controls panel, [learn more](#)

Keyboard Shortcuts

right / space

next animation or slide

left / shift space

previous animation or slide

up

previous slide

down

next slide

Here!



No notes.

Table of contents

You can use the `Toc` component to generate a table of contents for your slides:

```
<Toc minDepth="1" maxDepth="1"></Toc>
```

The title will be inferred from your slide content, or you can override it with `title` and `level` in

your frontmatter.

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Code

Use code snippets and get the highlighting directly, and even types hover!!!

```
// TwoSlash enables TypeScript hover information
// and errors in markdown code blocks
// More at https://shiki.style/packages/twoslash

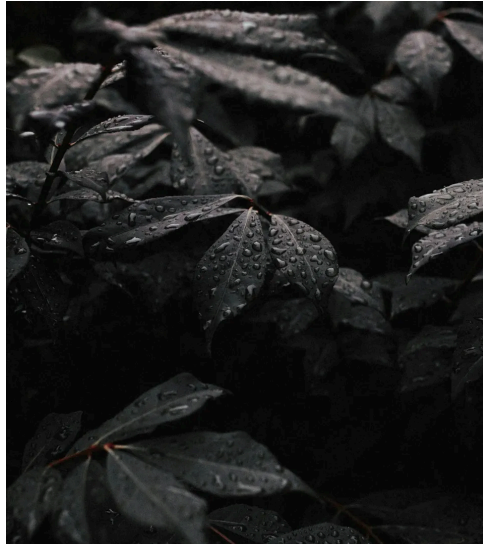
import { computed, ref } from 'vue'

const count = ref(0)
const doubled = computed(() => count.value * 2)

doubled.value = 2
// Cannot assign to 'value' because it is a read-only property

// Inside ./snippets/external.ts
export function emptyArray<T>(length: number) {
  return Array.from<T>({ length })
}
```

1. [Learn More](#)



Notes can also sync with clicks

- 1 This will be highlighted after the first click
- 2 Highlighted with `count = ref(0)`
- 5 Last click (skip two clicks)

Shiki Magic Move

Powered by [shiki-magic-move](#), Slidev supports animations across multiple code snippets.

Add multiple code blocks and wrap them with `<code>md magic-move</code> (four backticks) to enable the magic move. For example:`

```
<!-- step 4 -->
<script setup>
const author = {
  name: 'John Doe',
  books: [
    'Vue 2 - Advanced Guide',
    'Vue 3 - Basic Guide',
    'Vue 4 - The Mystery'
  ]
}
</script>
```

No notes.

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Components

You can use Vue components directly inside your slides.

```
<Tweet id="1390115482657726468" />
```

We have provided a few built-in components like `<Tweet/>` and `<Youtube/>` that you can use

directly. And adding your custom components is also super easy.

```
<Counter :count="10" />
```

- 10 +



Presenter note with **bold**, *italic*, and ~~strked~~ text.

Also, HTML elements are valid:

Left content

Right content

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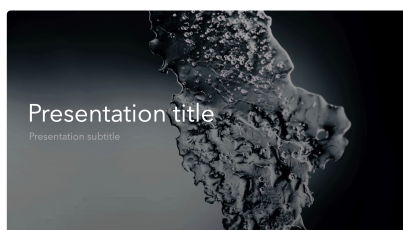
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Themes

Slidev comes with powerful theming support. Themes can provide styles, layouts, components, or even configurations for tools. Switching between themes by just **one edit** in your frontmatter:

```
---  
theme: default  
---
```

```
---  
theme: seriph  
---
```



Read more about [How to use a theme](#) and check out the [Awesome Themes Gallery](#).

No notes.

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Clicks Animations

You can add `v-click` to elements to add a click animation.

This shows up when you click the slide:

```
<div v-click>This shows up when you click the slide.</div>
```

The `v-mark` directive also allows you to add inline marks powered by Rough Notation:

```
<span v-mark.underline.orange>inline markers</span>
```

[Learn More](#)

No notes.

Motions

Motion animations are powered by [@vueuse/motion](#), triggered by `v-motion` directive.

```
<div
  v-motion
  :initial="{ x: -80 }"
  :enter="{ x: 0 }"
  :click-3="{ x: 80 }"
  :leave="{ x: 1000 }"
>
```

```
Slidev
</div>
```

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LaTeX

LaTeX is supported out-of-box powered by [KaTeX](#).

Inline $\sqrt{3x-1} + (1+x)^2$

Block

$$\begin{aligned}\nabla \times \vec{\mathbf{B}} - \frac{1}{c} \frac{\partial \vec{\mathbf{E}}}{\partial t} &= \frac{4\pi}{c} \vec{\mathbf{j}} \nabla \cdot \vec{\mathbf{E}} = 4\pi\rho \\ \nabla \times \vec{\mathbf{E}} + \frac{1}{c} \frac{\partial \vec{\mathbf{B}}}{\partial t} &= \vec{\mathbf{0}} \\ \nabla \cdot \vec{\mathbf{B}} &= 0\end{aligned}$$

[Learn more](#)

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Multiple Entries

You can split your slides.md into multiple files and organize them as you want using the `src` attribute.

slides.md

```
# Page 1  
  
Page 2 from main entry.  
  
---  
src: ./subpage.md  
---
```

subpage.md

```
# Page 2  
  
Page 2 from another file.
```

[Learn more](#)

Monaco Editor

Slidev provides built-in Monaco Editor support.

Add `{monaco}` to the code block to turn it into an editor:

```
import { ref } from 'vue'
import { emptyArray } from './external'

const arr = ref(emptyArray(10))
```

Use `{monaco-run}` to create an editor that can execute the code directly in the slide:

```
import { version } from 'vue'
import { emptyArray, sayHello } from './external'

sayHello()
console.log(`vue ${version}`)
console.log(emptyArray<number>(10).reduce(fib => [...fib, fib.at(-1)! + fib.at(-2)!], [1, 1]))
```

```
vue 3.4.22
[1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144]
```

No notes.

[Learn More](#)

No notes.