

ILP 问题及其在深度学习编译器 中的运用

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问题定义

给定 $m \times n$ 的矩阵 M , m 维的向量 v

令 $F = \{x | x \geq 0, Mx + v \geq 0\}$

这里我们称集合 F 为问题的可行域, 我们的任务是: 判定集合 F 是否为空, 若不为空则求出集合中字典序最小的元素

```
function add(  
  a: Ref<number> | number,  
  b: Ref<number> | number  
) {  
  return computed(() => unref(a) + unref(b))  
}
```

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?

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

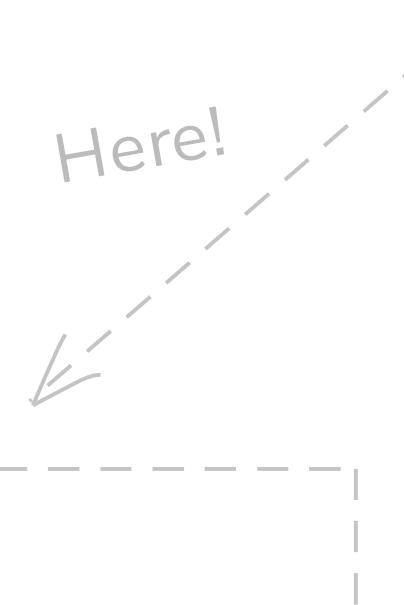
up

previous slide

down

next slide

Here!



Code

Use code snippets and get the highlighting directly! [1]

```
interface User {  
  id: number  
  firstName: string  
  lastName: string  
  role: string  
}  
  
function updateUser(id: number, update: User) {  
  const user = getUser(id)  
  const newUser = { ... user, ... update }  
  saveUser(id, newUser)  
}
```

Components

You can use Vue components directly inside your slides.

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" />
```



Check out the guides for more.

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

Slidev (@Slidevjs) · May 6, 2021

1K Stars on the Launch Day?!
That's awesome! Thank you :)

BTW, v0.3.0 just released with LaTeX math support!

Slidev

Presentation slides for developers 🧑‍💻🧑‍💻

v0.3.0 2.6k/month docs & demos themes

1k Stars

9:25 AM · May 6, 2021

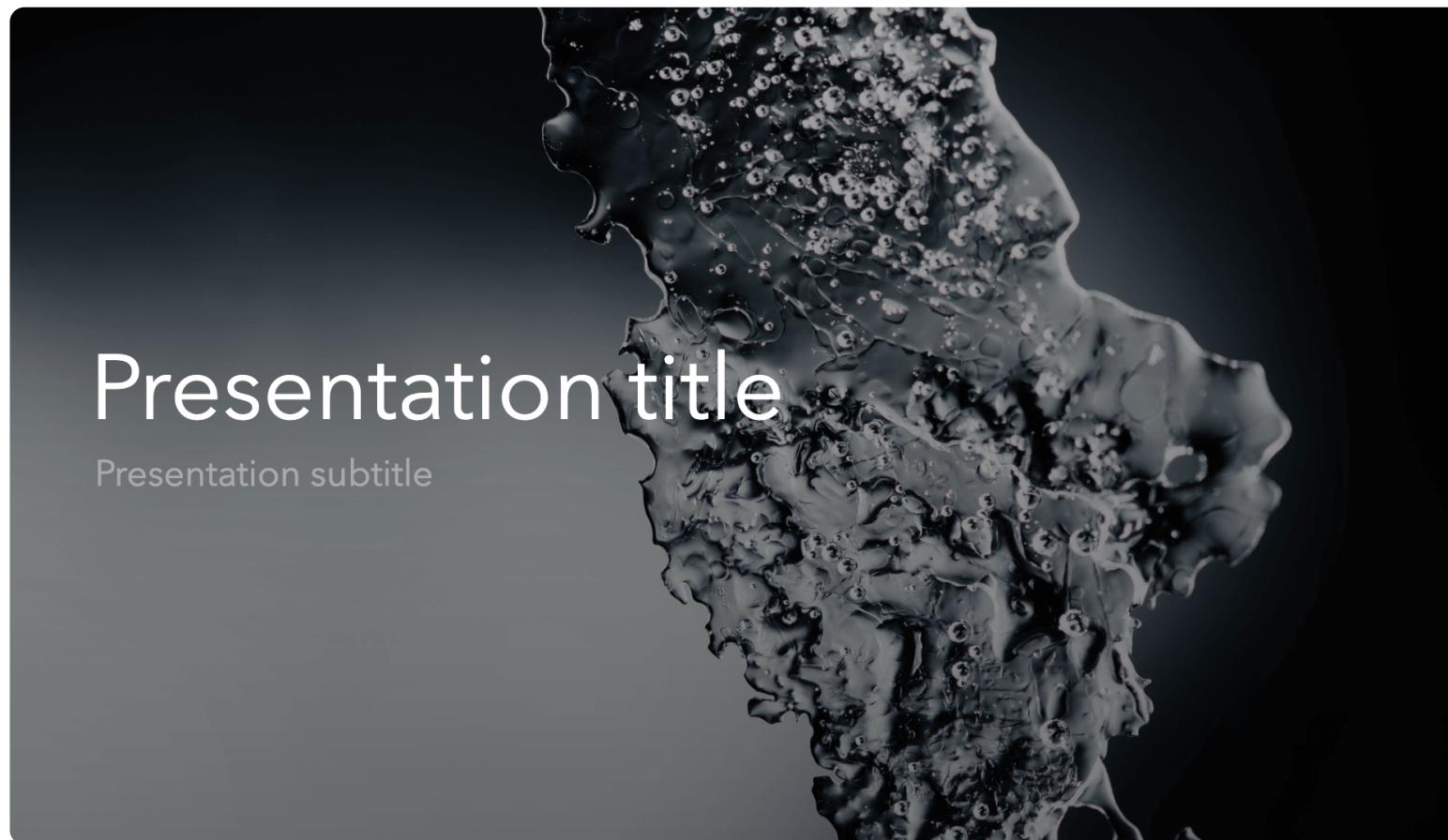
192 1 Copy link to Tweet

Tweet your reply

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: serif



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

Animations

Animations are powered by [@vueuse/motion](#).

```
<div  
  v-motion  
  :initial="{ x: -80 }"  
  :enter="{ x: 0 }">  
  Sliddev  
</div>
```



LaTeX

LaTeX is supported out-of-box powered by KaTeX.

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

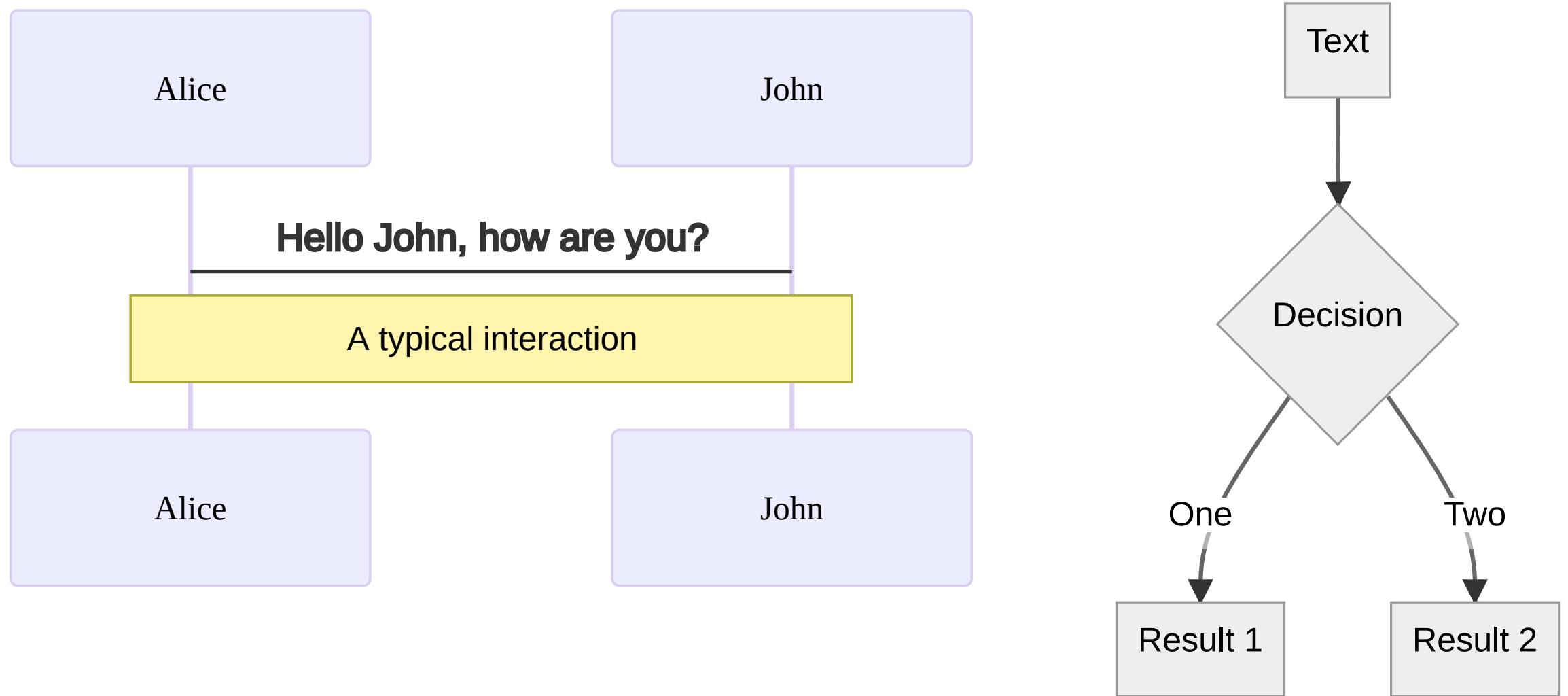
Block

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

Learn more

Diagrams

You can create diagrams / graphs from textual descriptions, directly in your Markdown.



[Learn More](#)

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