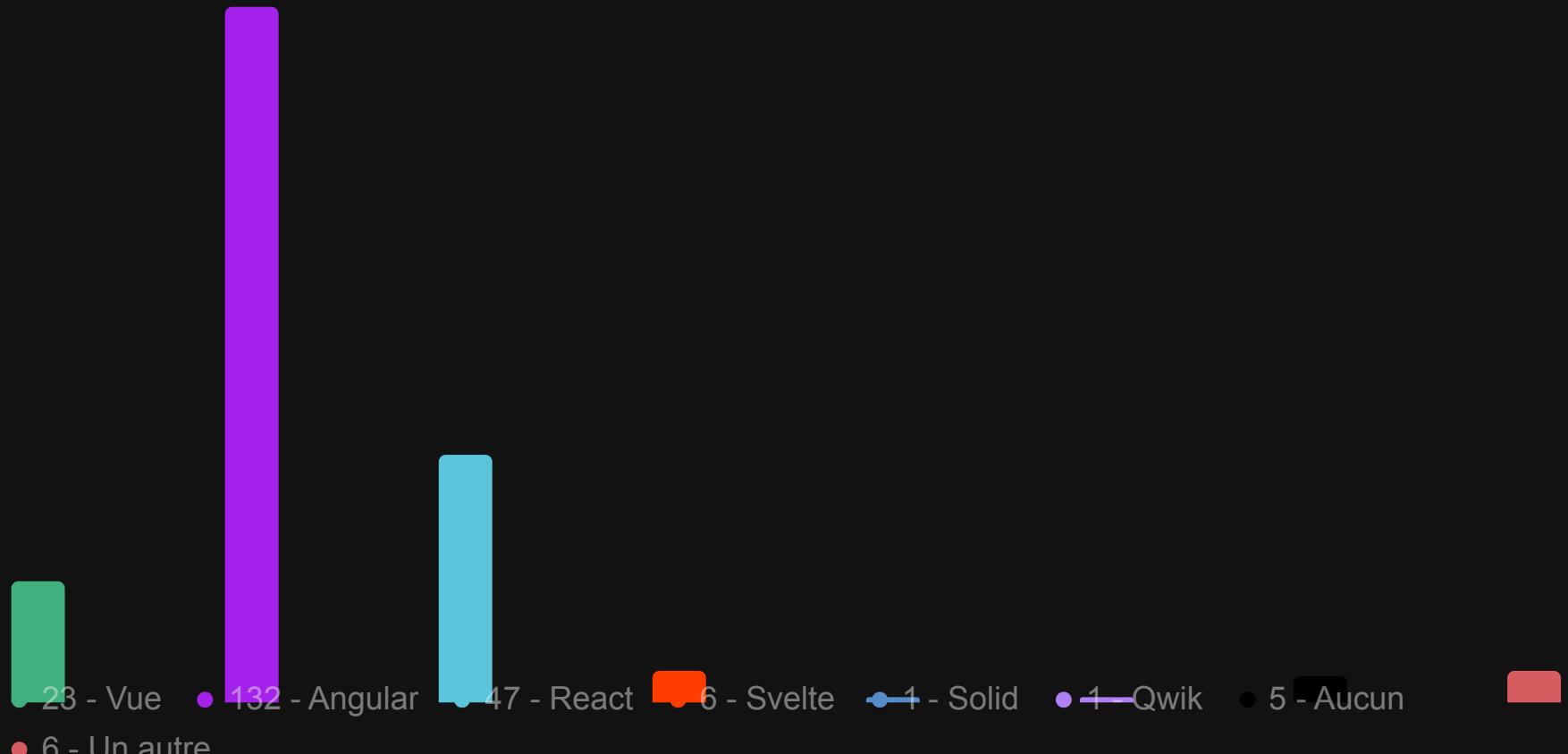


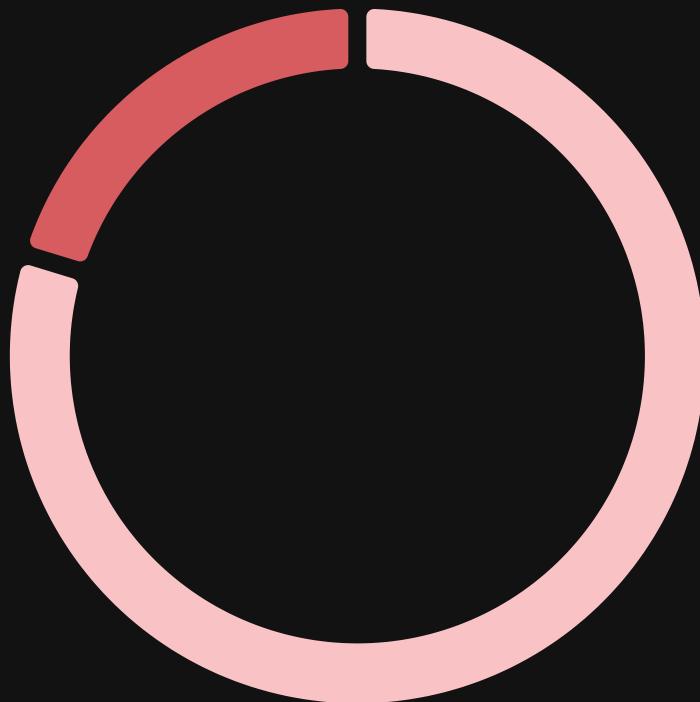
# La réactivité et les signaux : démystifions la magie du frontend



# Quel framework pour le frontend ?



# Qui s'est déjà questionné sur le fonctionnement profond de la réactivité de son framework ?



- 153 - Oui
- 38 - Non

**ui = fn(state)**

A

B

C

---

1

Quantité

0

---

2

Prix unitaire

15

---

3

Total

0

---



```
import { computed, effect, signal } from 'alien-signals'      ▷

const quantity = signal(0)
const price = signal(15)

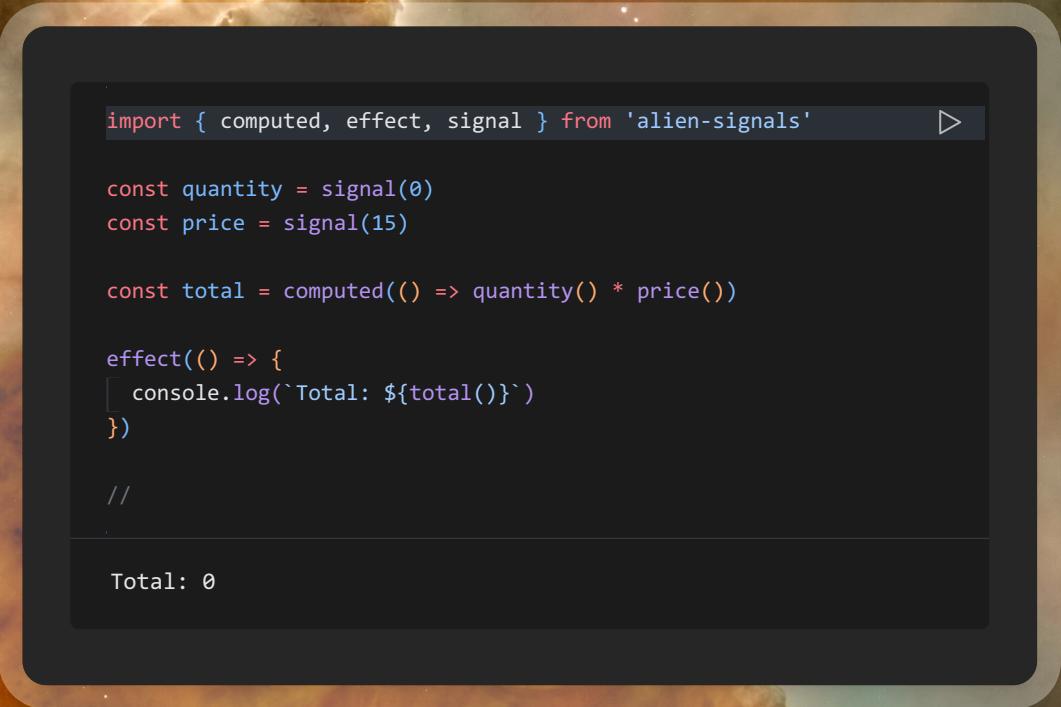
const total = computed(() => quantity() * price())

effect(() => {
  console.log(`Total: ${total()}`)
})

//



Total: 0
```





# Estéban Soubiran

Ingénieur logiciel Avionique chez  Maiaspace

 Laravel

 Vite

 Vue

 Nuxt

**A Journey to Craft Interactive UI Experiences with Dialogs**

**Fusion or the Art of Writing PHP Into a Vue SFC Components**

**Laravel and Vite: A Love Story Ruined with Cross-Origin**

**2024: Reflections on a Year of Change and What Comes Next**



[soubiran.dev](https://soubiran.dev)



[@soubiran\\_](https://@soubiran_)



[@soubiran.dev](mailto:@soubiran.dev)



[Estéban S](#)



[Barbapapazes](#)



[Estéban's Open Source](#)

```
import { computed, effect, signal } from 'alien-signals'      ▷

const quantity = signal(0)
const price = signal(15)

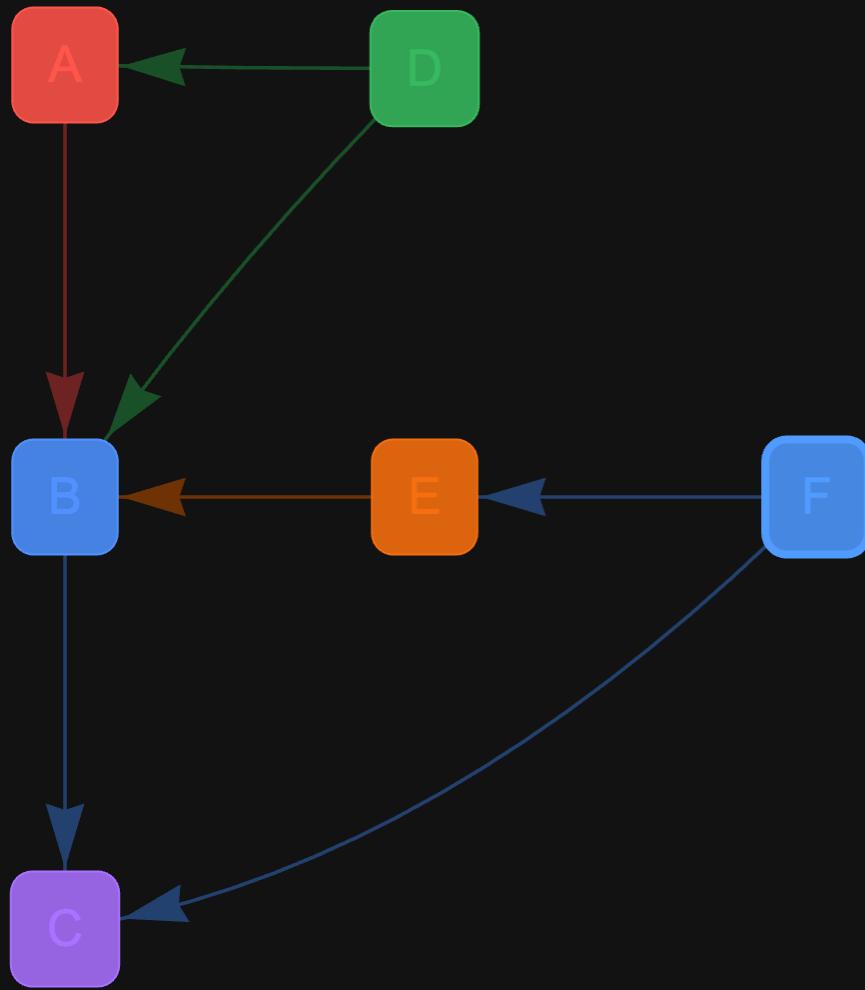
const total = computed(() => quantity() * price())

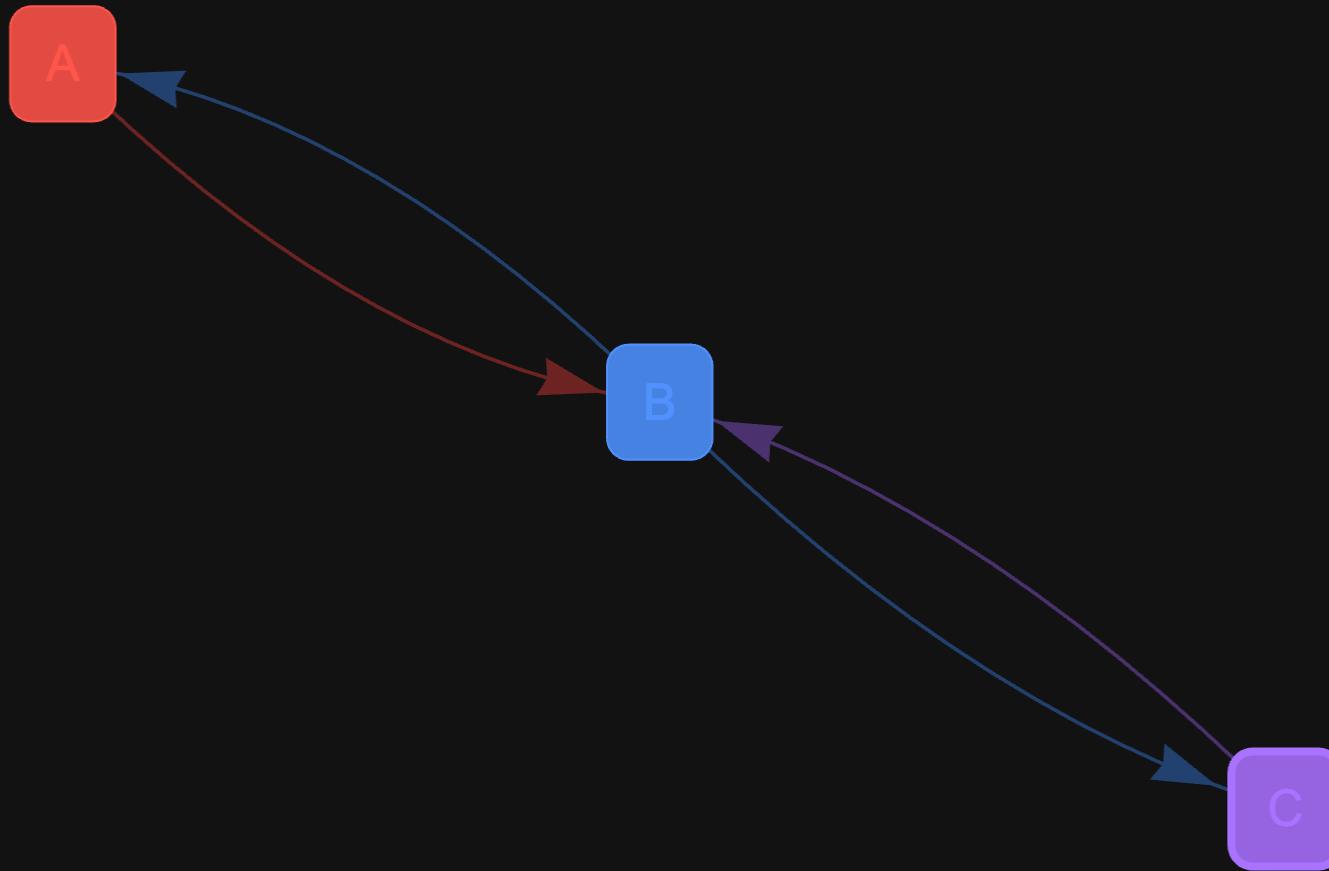
effect(() => {
  console.log(`Total: ${total()}`)
})

quantity(3)

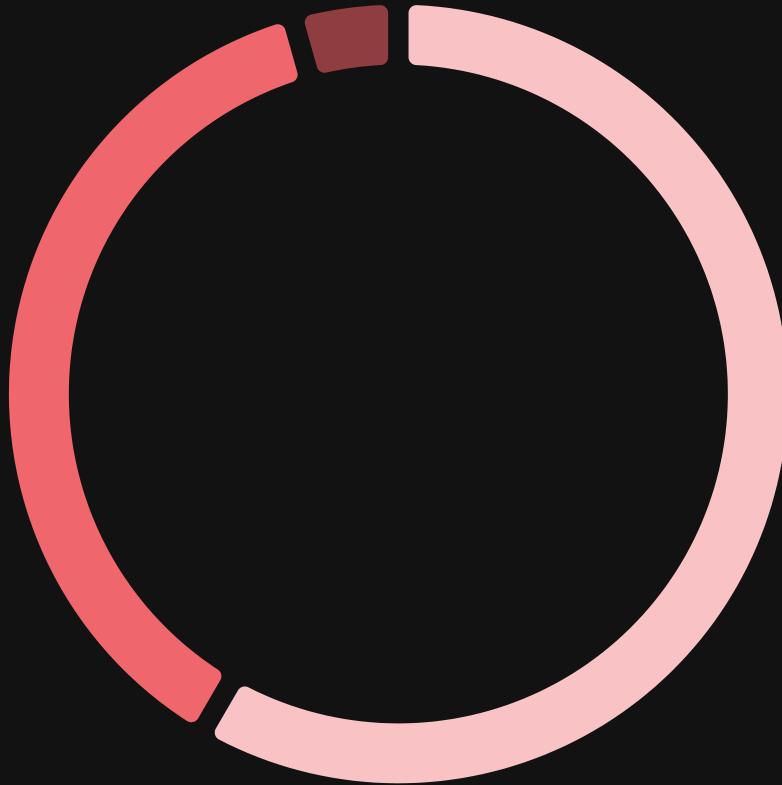
Total: 0
Total: 45
```

Total: 0  
Total: 45

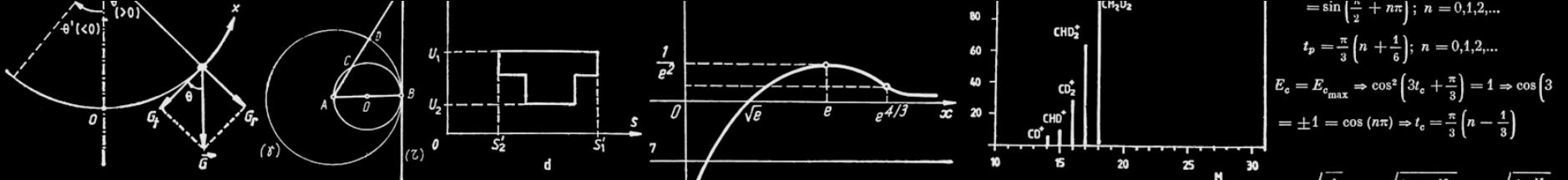




# Vous suivez encore ? 🎅



- 93 - Oui, évidemment
- 59 - Oui, enfin je crois
- 6 - Non, là c'est trop 😠



$$\frac{1 - \left(-\frac{1}{n+2}\right)^{n+1}}{1 + \frac{1}{n+2}} + \frac{1}{n+1} \cdot \frac{1 - \left(-\frac{1}{n+1}\right)}{1 + \frac{1}{n+1}} = \int_{-a}^0 x^n e^{ax} dx = \frac{1}{a} (x^n e^{ax}) \Big|_{-a}^0 - \frac{2}{a} \int_{-a}^0 x^{n-1} e^{ax} dx \\ = -a^n - \frac{2}{a} \left[ \frac{1}{a} (x e^{ax}) \Big|_{-a}^0 - \frac{1}{a} \int_{-a}^0 e^{ax} dx \right] \\ = -\frac{1}{n+1} \left(1 - \left(-\frac{1}{n+2}\right)^{n+1}\right) - \frac{1 - \left(-\frac{1}{n+1}\right)^{n+1}}{n+3} = + \frac{2}{a^2} \left[ \frac{1}{a} (e^{ax}) \Big|_{-a}^0 \right] = -ae^{-a^2} - \frac{2}{a} e^{-a^2}$$



```
import { computed, effect, signal } from 'alien-signals'

const quantity = signal(0)
const price = signal(15)

const total = computed(() => quantity() * price())

effect(() => {
  console.log(`Total: ${total()}`)
})
```

