CDK

The toolbox for the Angular developer

HAPPY 😄

Christian Janz
@c_janz

Christian Janz

Senior Software Architect

Please mind the gap 🤓

@c_janz

https://github.com/cjanz

CDK?

Enterprise Angular Apps

HOME
Who We Are
What We Do
Sign Up
Sign In
FAQ
ASK Q
Contact
Dashboard
PLANS
Budget
Media
Select Plan
LEARN
PLAN
GROW
GIVE
50/20/20
ENTER BUDGET
Specific Items
Blog
Video
Recommended Posts
MOBILE

UI Toolkits to the Rescue

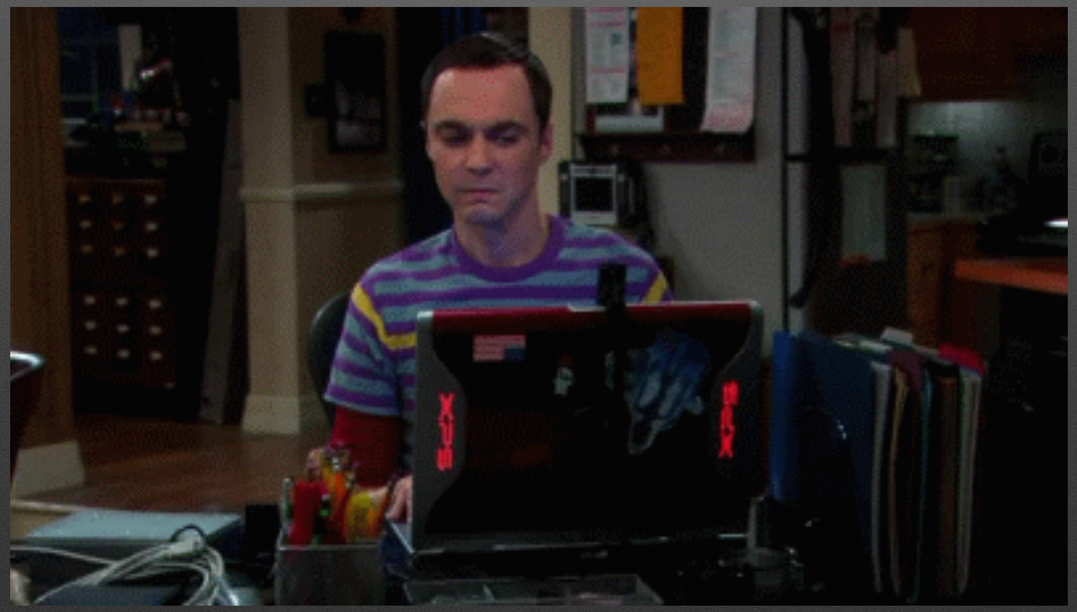
Material

PRIMENG

What if the behavior of a component fits, but the styling doesn't fit?

What if the style of a component fits,
but the behavior doesn't fit?

Customizing components can be hard



Build your own components from scratch

The final solution?

CDK?

Component Dev Kit

Angular Component Dev Kit?

„The Angular CDK gives developers solid, well-tested tools to add common interaction patterns with minimal effort.

[…], the CDK can help you build what you need in less time with less code and fewer bugs.

The CDK is also completely unopinionated when it comes to styling, making it easy to tailor your app to any visual language“

https://blog.angular.io/a-component-dev-kit-for-angular-9f06e3b4b3b4

CDK: Facts

@angular/cdk

Common base library for component development

https://material.angular.io/cdk/

https://github.com/angular/components/tree/master/src/cdk

MIT License

Developed by Angular Components team

📈 UI Components
🖍️ Styling
📝 Themes

🔗 Base Components
🏷️ Component behaviors
📲 Interaction patterns

Core platform

CDK Modules

a11y	accordion	bidi	coercion	collections	drag-drop
keycodes	layout	observers	overlay	platform	portal
scrolling	stepper	table	testing	text-field	tree

Live Coding Time!

Summary

🛠️ The CDK provides a lot of helpers for component development

🤓 Before building behaviors from scratch, consider using the CDK

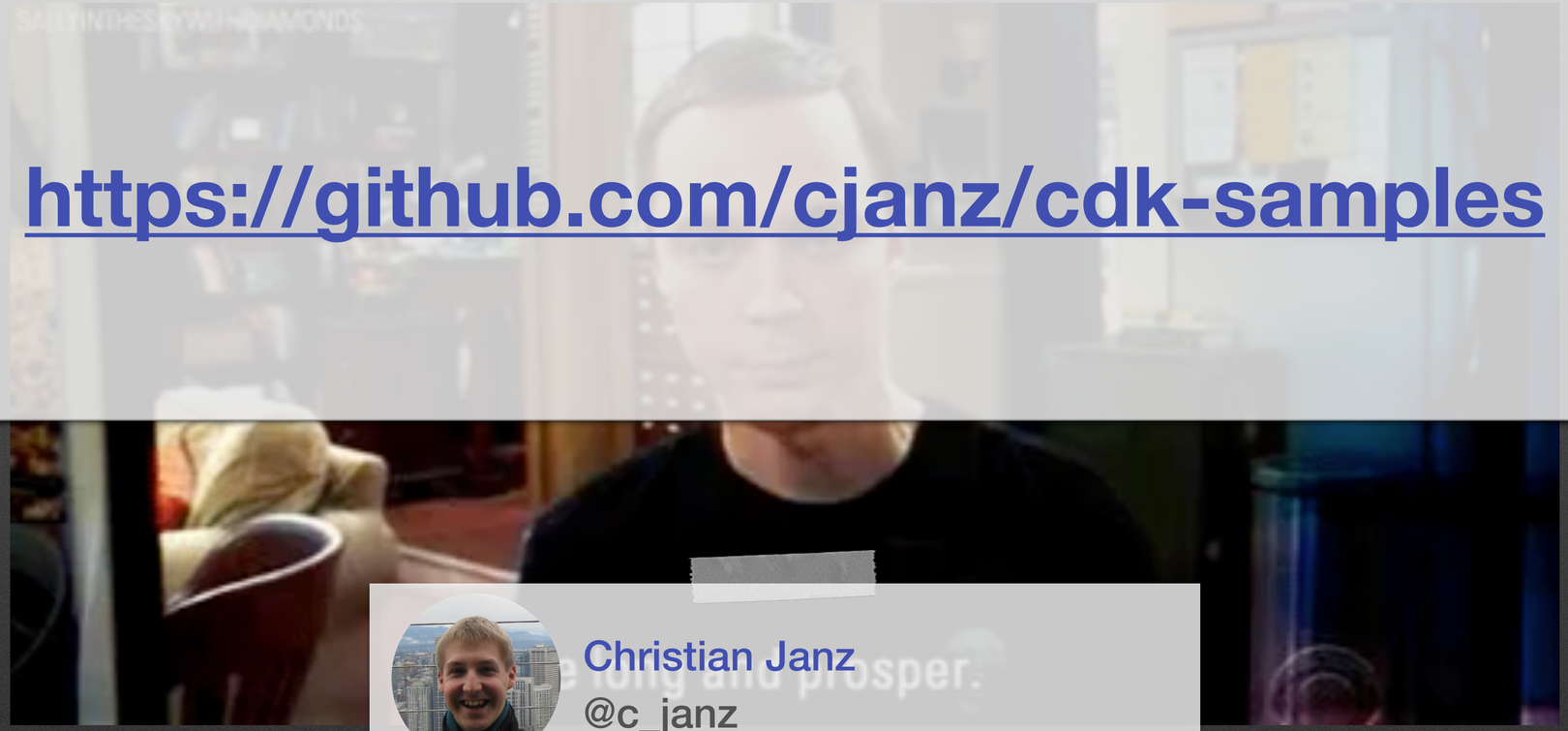
📖 The CDK source code is a good source for learning

⚠️ CDK is not a full-featured UI Toolkit

💚 CDK can be used with any other UI toolkit

Thank you 🙏

https://github.com/cjanz/cdk-samples



Christian Janz
@c_janz

Images used in this slides

- https://www.pexels.com/photo/flat-lay-photography-of-hand-tools-1029243/
- https://www.pexels.com/photo/photo-of-person-holding-black-pen-990818/
- https://www.pexels.com/photo/woman-in-black-coat-1181346/
- https://www.pexels.com/photo/clear-glass-with-red-sand-grainer-39396/
- https://www.pexels.com/photo/colors-palette-5933/
- https://www.pexels.com/photo/selective-focus-photography-cement-2219024/
- https://www.pexels.com/photo/coding-computer-data-depth-of-field-577585/
- https://media.giphy.com/media/39b0YRnDVMX6M/giphy.gif
- https://media.giphy.com/media/xT0xexIbN5TRe6RBMk/source.gif
- https://media.giphy.com/media/N0PFV6nGA72XC/giphy.gif