How design tokens can bring us closer

Patrycja Radaczyńska, 2023



What we will cover today

Disconnection

What are design tokens



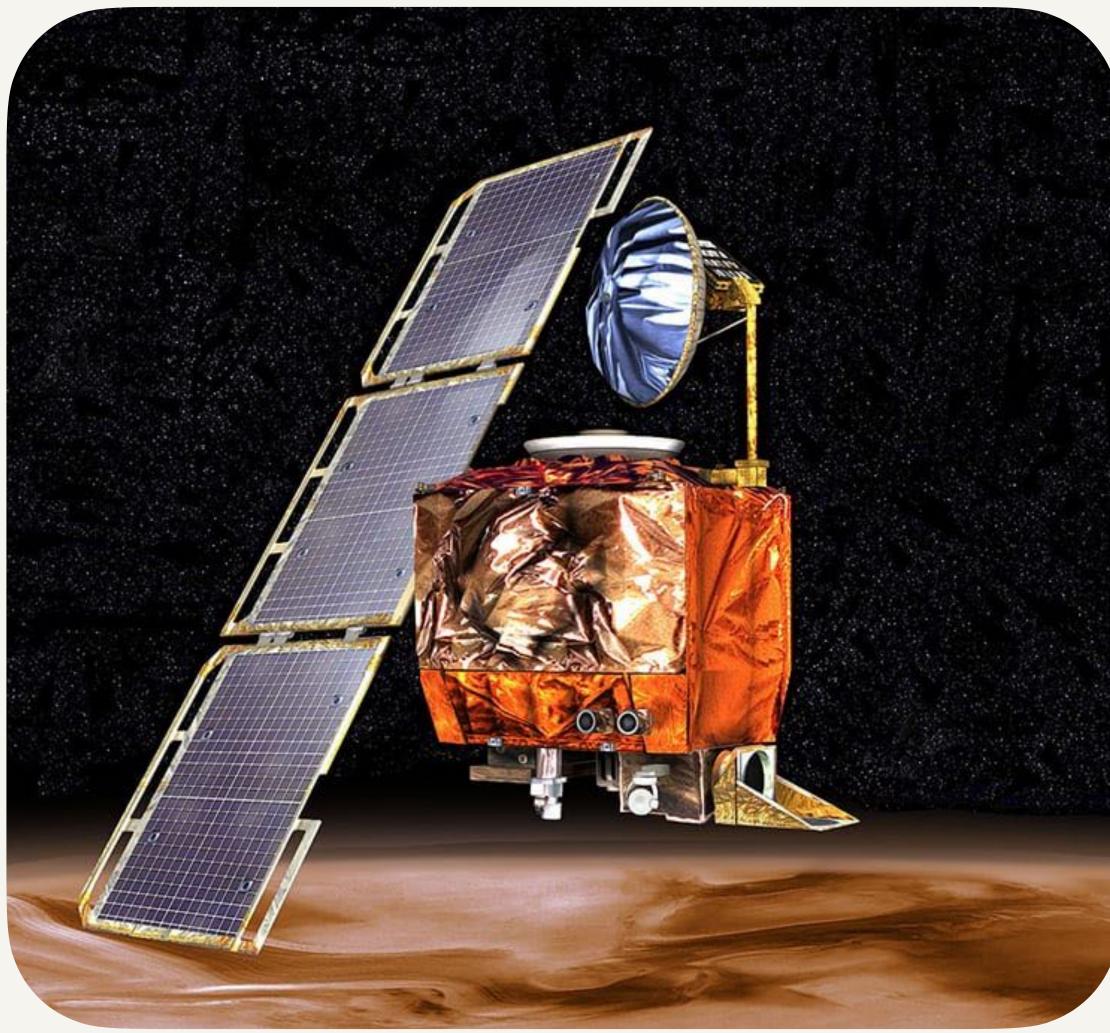
One source of truth

How it brought us closer together

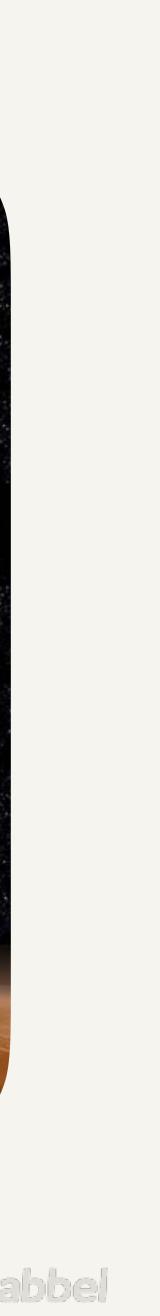


Disconnection

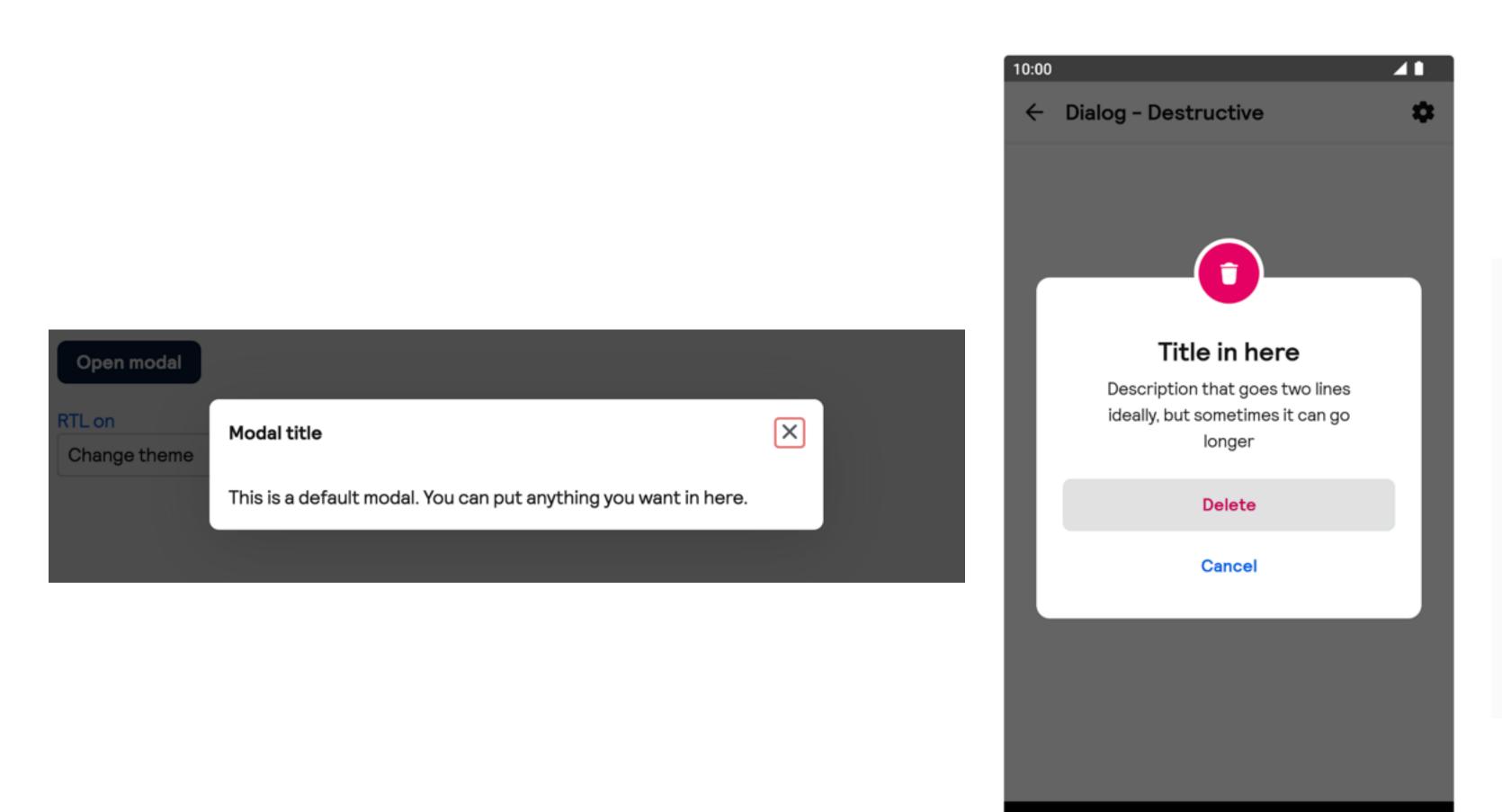
Lost in translation



Source: Nasa website



Lost in translation Are we talking about the same thing?



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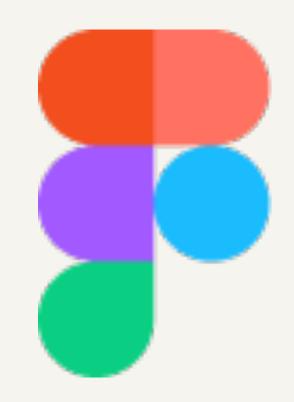
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Lost in translation







Design tokens are the visual design atoms of the design system — specifically, they are named entities that store visual design attributes. We use them in place of hard-coded values (such as hex values for color or pixel values for spacing) in order to maintain a scalable and consistent visual system for UI development.

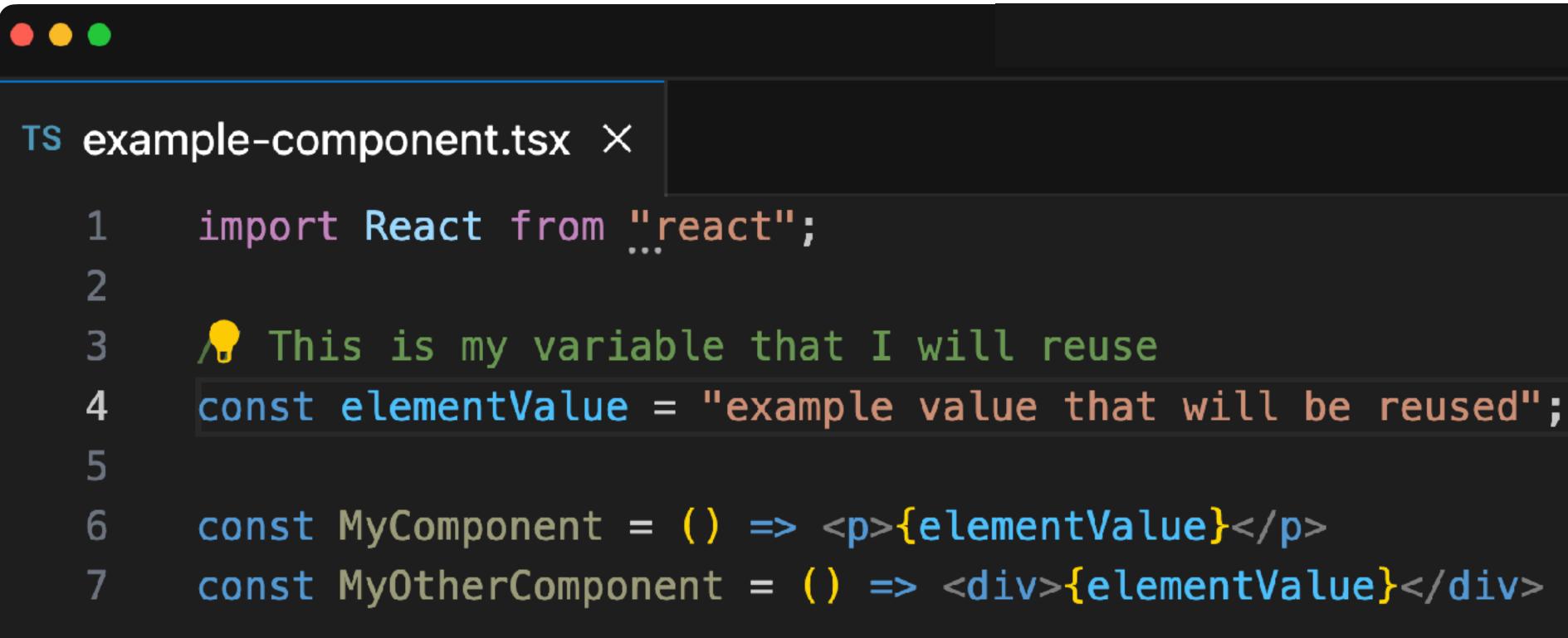
Lightning Design System



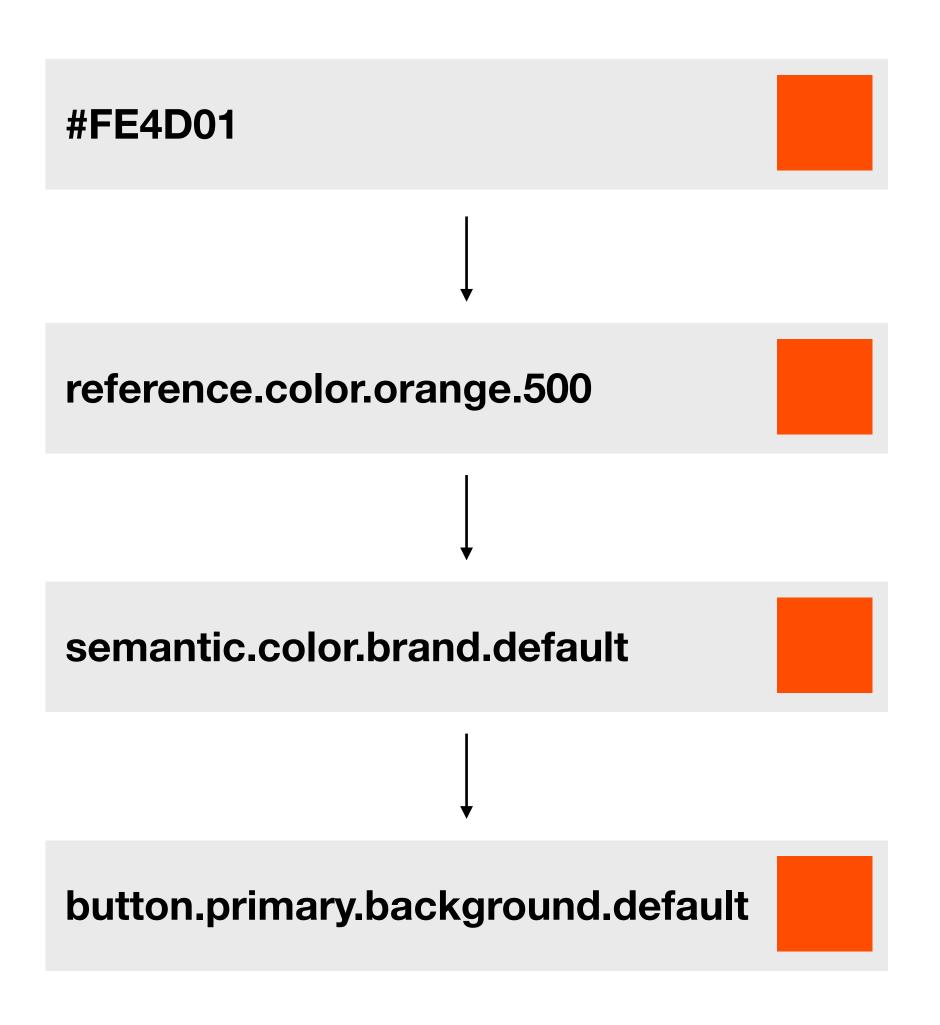
A variable is a container for a value, like a number we might use in a sum, or a string that we might use as part of a sentence.

https://developer.mozilla.org/









Raw value

The raw value of a design decision. Like a color, a radius in rem or PX or a font styling

Reference tokens

All possible design tokens that represent the foundational design principles

Semantic tokens

Reduced set of the design tokens with a clear purpose (semantic) derived from the design language.

Component tokens

Referencing to semantic tokens and defining the anatomy (property) of a component.



+Babbel

Web App

UL Patterns

Content Design

Web React Components

Design Foundation

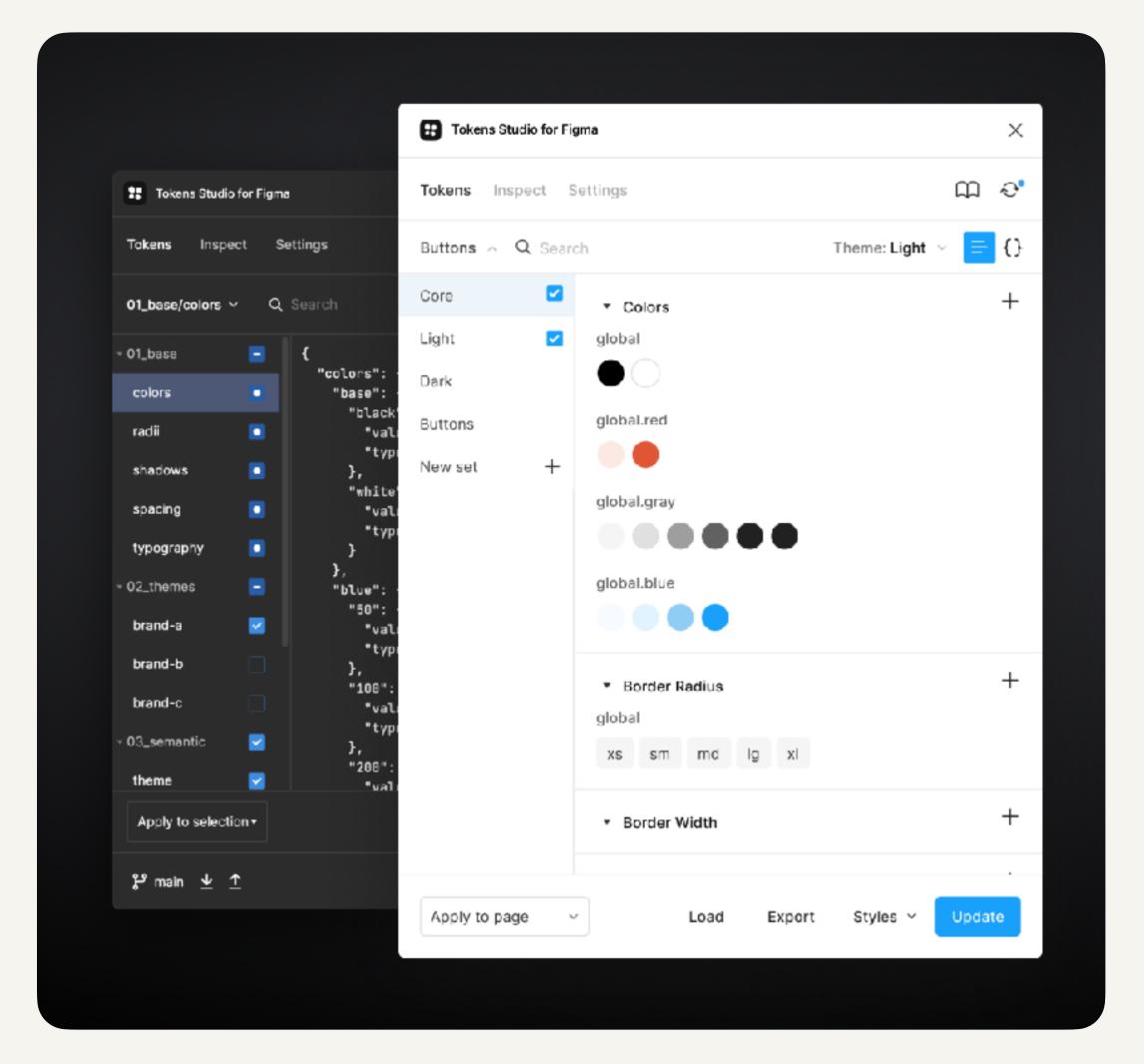
iOS App, Android App

Mobile Native Components

Basis Design Tokens Assets



How we make sure that are all using the same tokens?



Source: Tokens Studio website



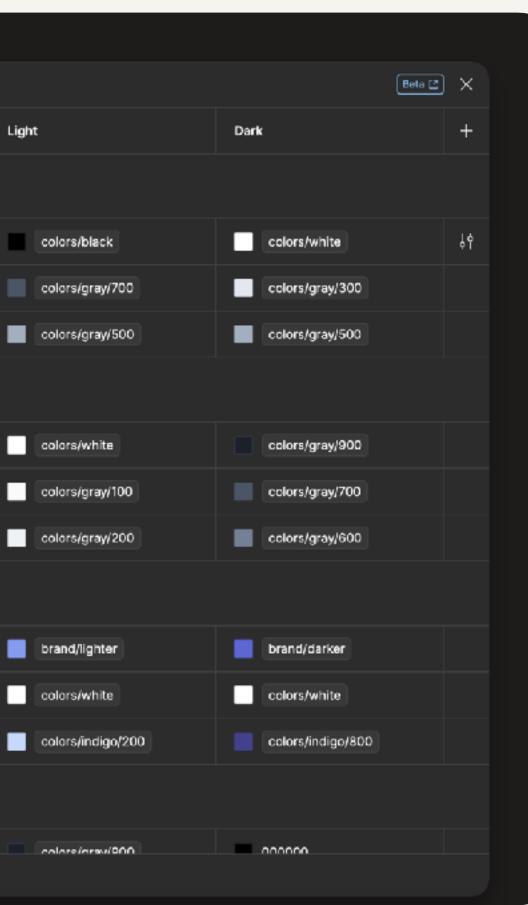


From Tokens Studio to Figma variables and components in the Figma library

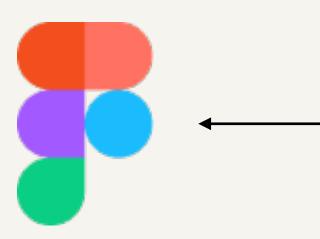


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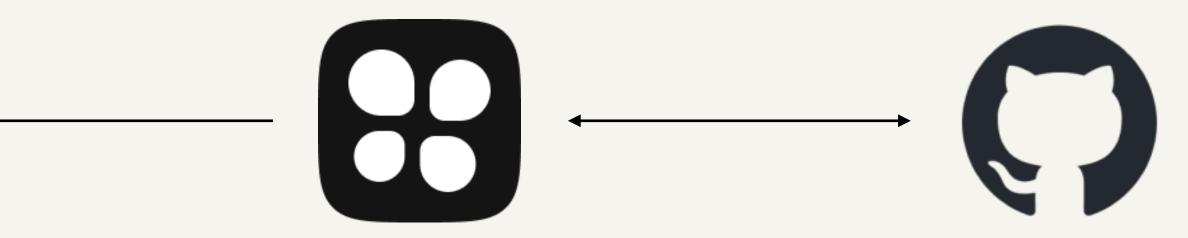
Source: Tokens Studio website



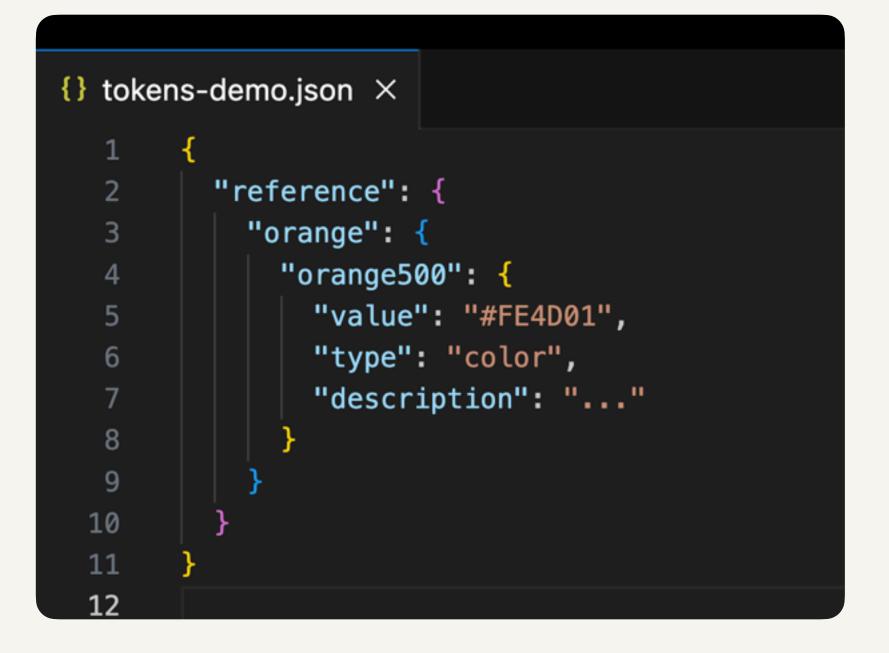












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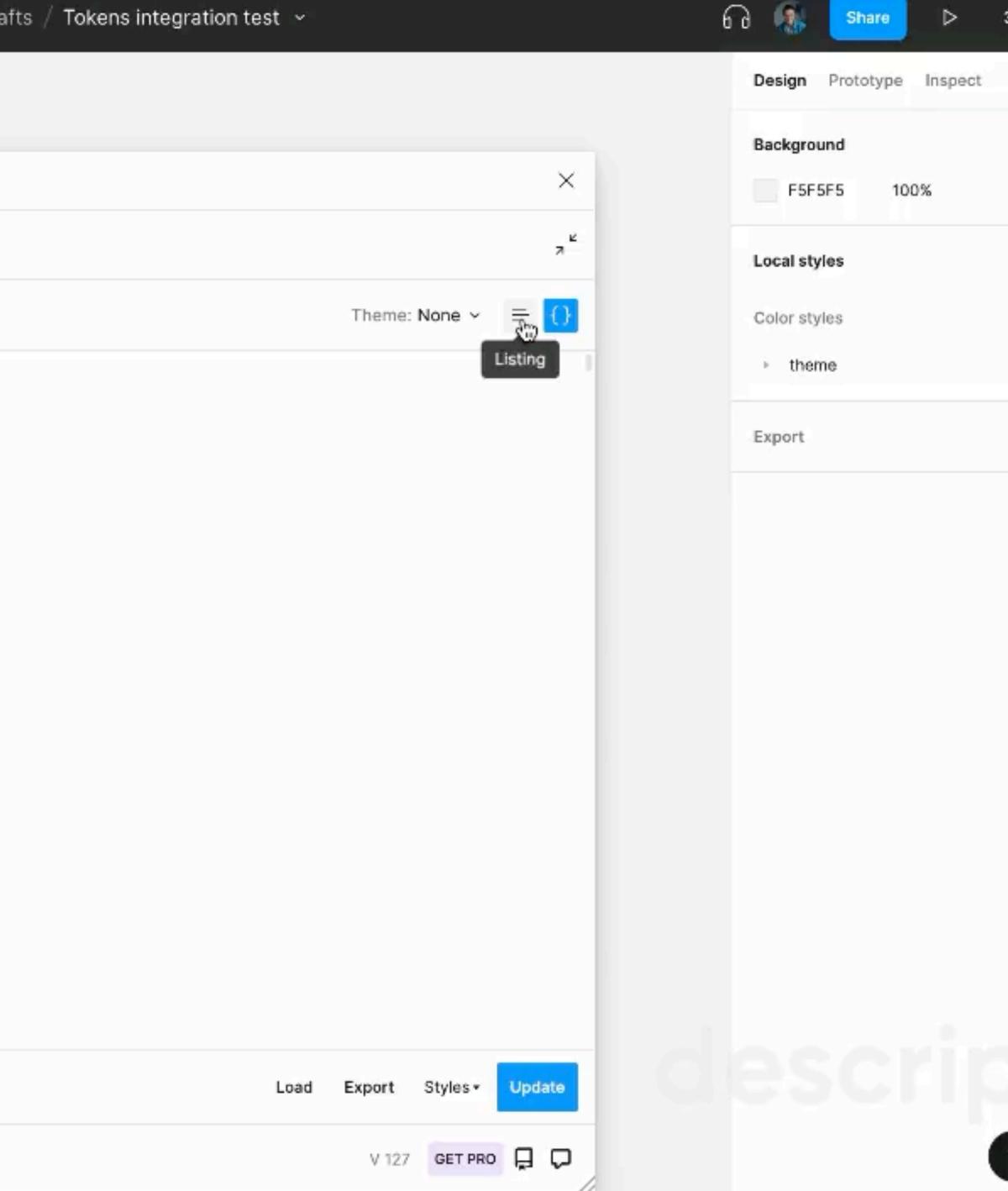


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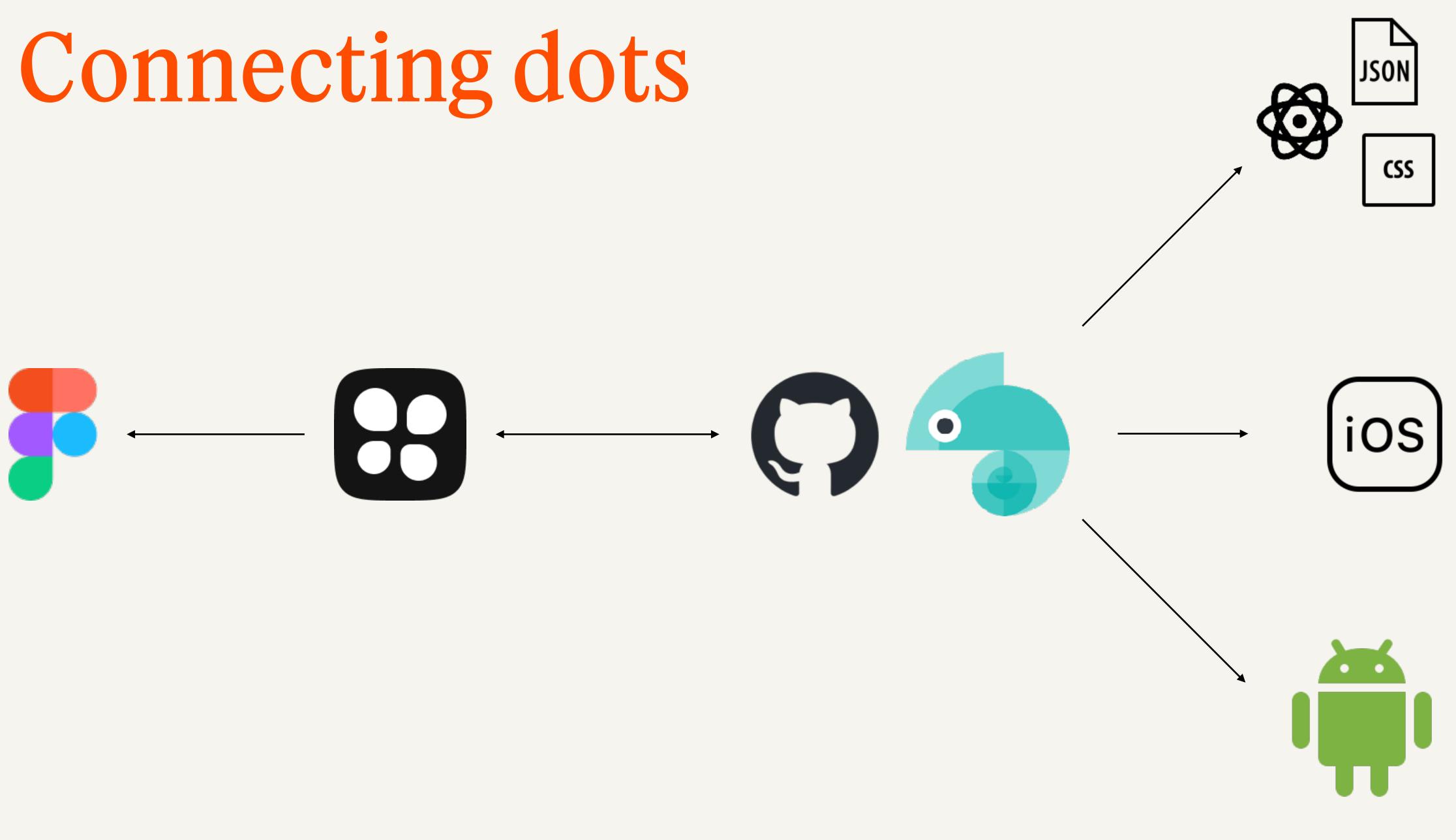
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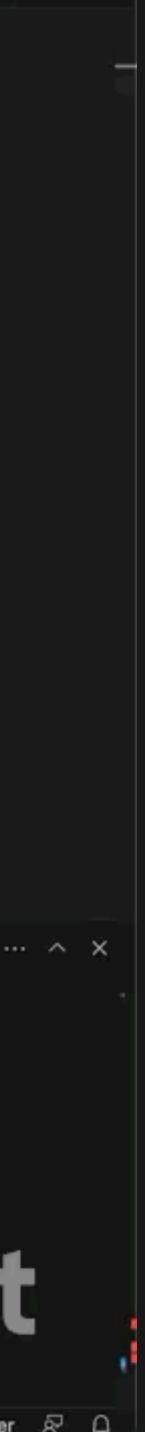
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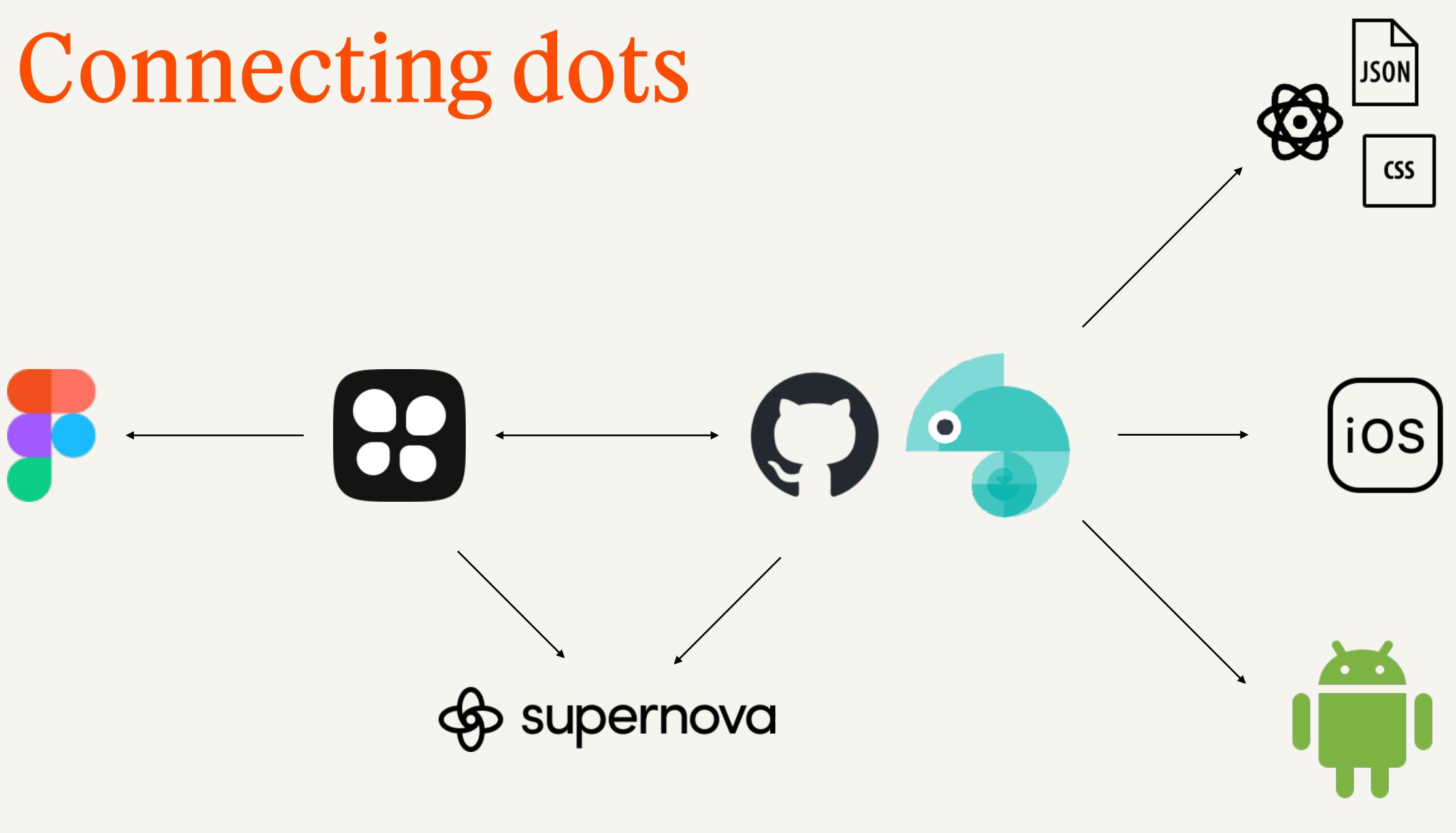
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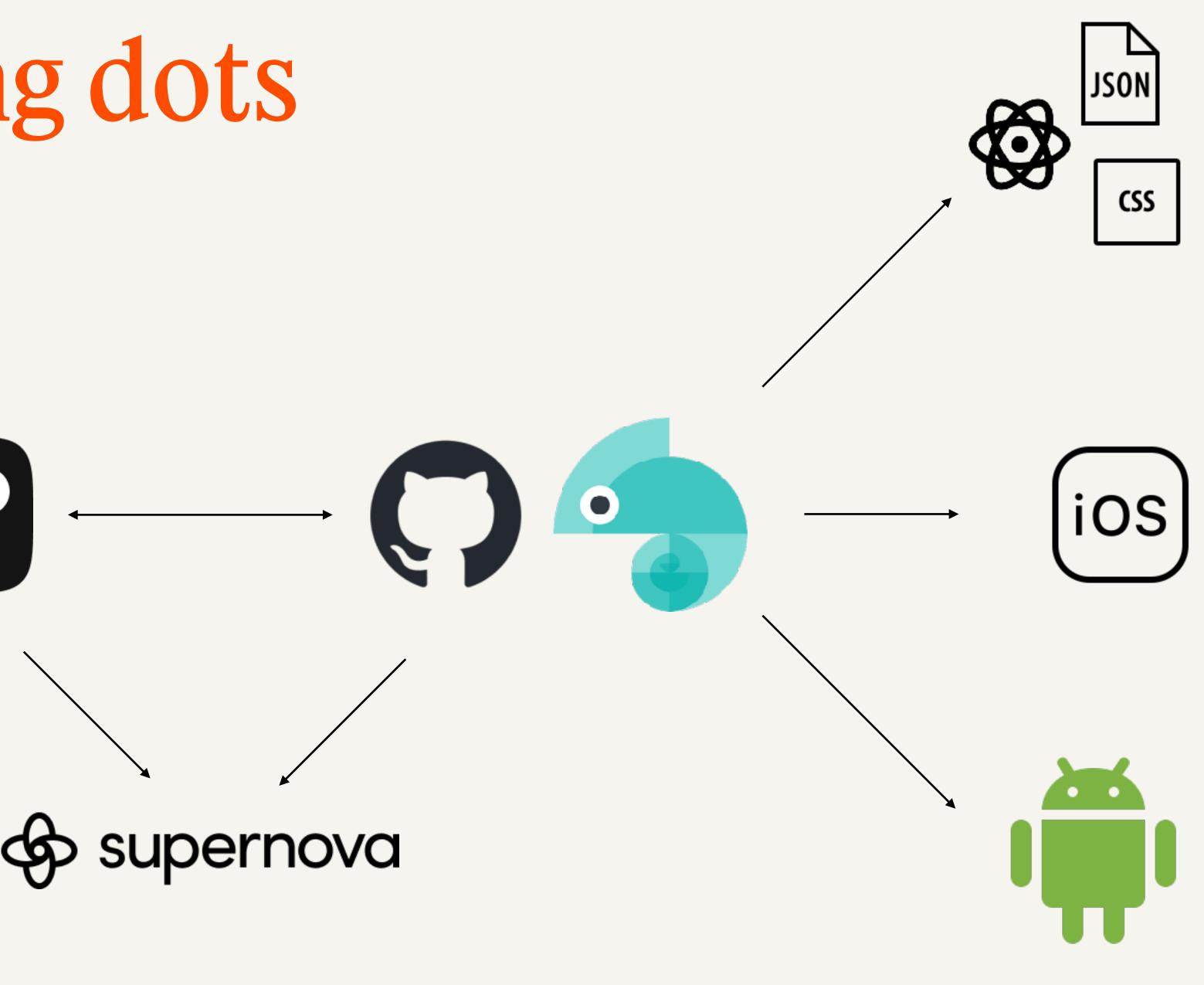
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Fonts





+B Grammar

Start

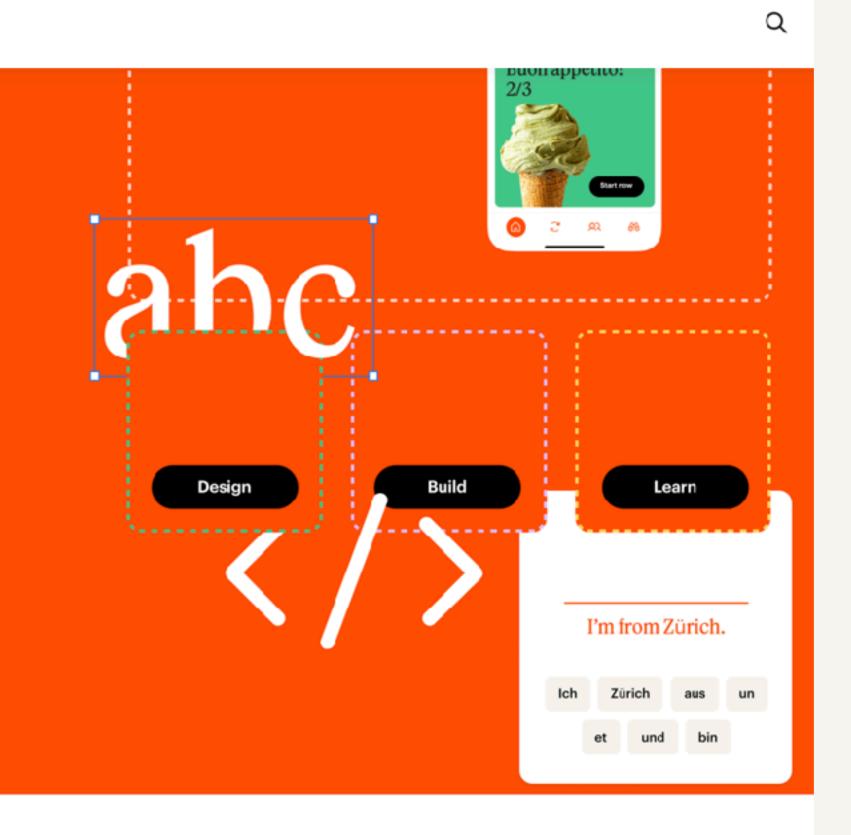
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Welcome to Grammar

The Babbel Design System

Design and build the Babbel language learning ecosystem.





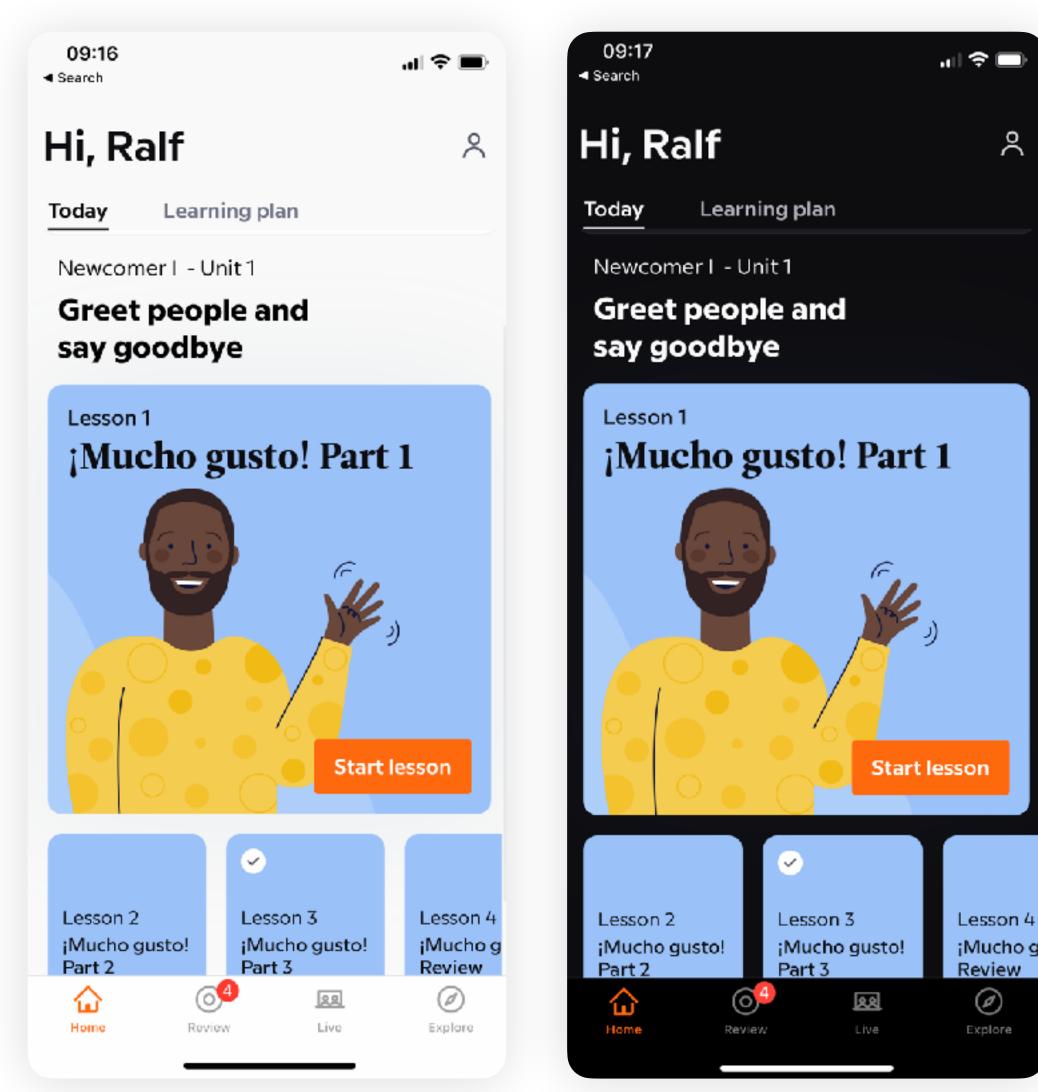


How it helped us

- We use the same colours across all the apps
- We fixed many inconsistencies across the product
- We are ready to propagate any upcoming changes very quickly
- Design system gained visibility and adoption.
- We were able to provide our users with the dark mode



How it helped us





Something so small as token have a superpower to bring us closer together

