hroad

a dedicação é singular pra mim.

01

com amor, styled-components

02

CONTEXTO

React, React Native

MODELANDO

O exemplo

DESAFIOS

Cotidianos e Problemas.

DO

Design para a Implementação.

React Native

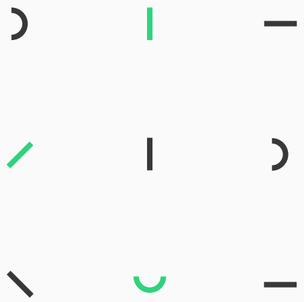
Uma biblioteca para construir aplicativos nativos usando React.

React Native is a JavaScript framework for writing real, natively rendering mobile applications for iOS and Android.
It’s based on React, Facebook’s JavaScript library for building user interfaces, but instead of targeting the browser, it targets mobile platforms.

https://www.oreilly.com/library/view/learning-react-native/9781491929049/ch01.html

React

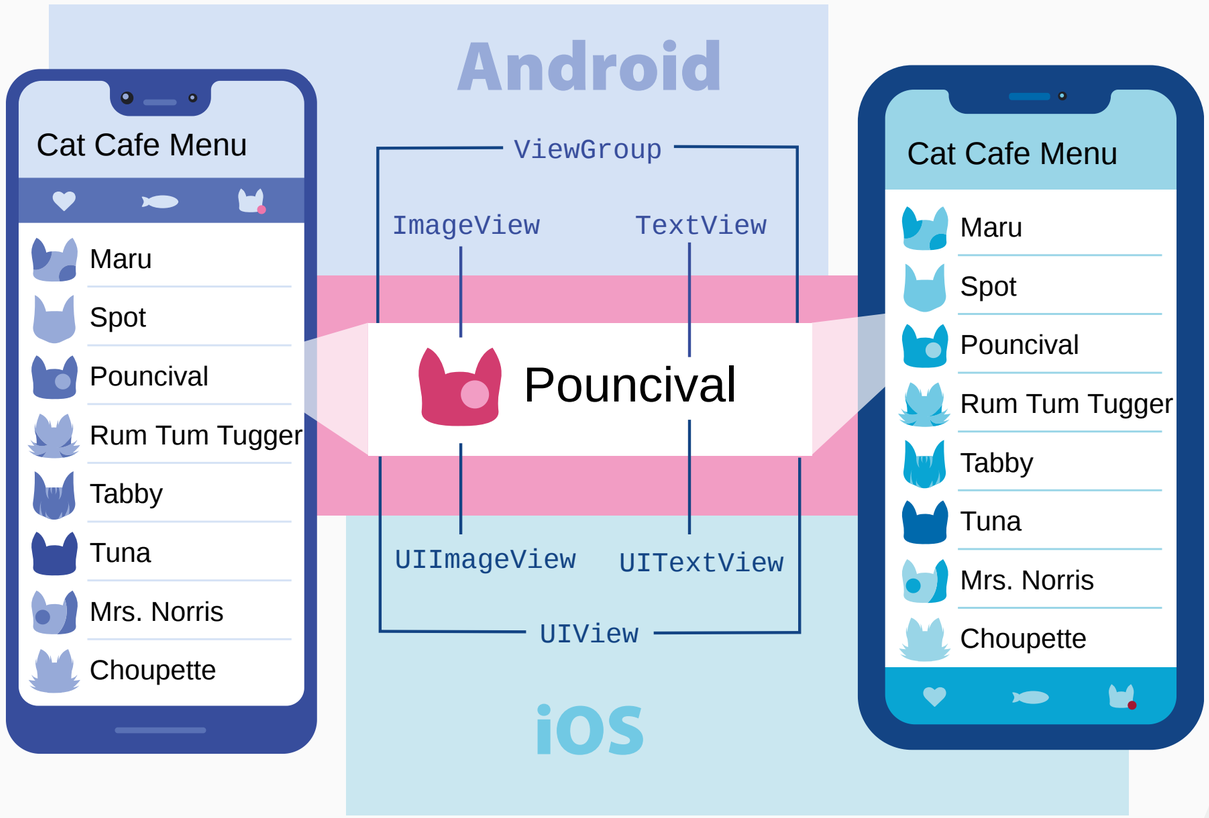
components
JSX
props
state



https://medium.com/dailyjs/javascript-module-cheatsheet-7bd474f1d829
https://reactnative.dev/docs/intro-react

Views em todo lugar

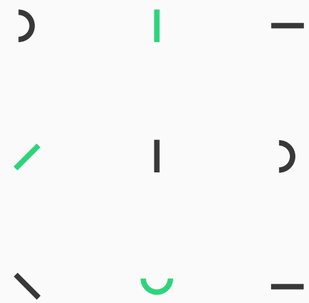
https://reactnative.dev/docs/intro-react-native-components



Core Components

06

REACT NATIVE UI COMPONENT	ANDROID VIEW	IOS VIEW	WEB ANALOG	DESCRIPTION
`<View>`	`<ViewGroup>`	`<UIView>`	A non-scrollling `<div>`	A container that supports layout with flexbox, style, some touch handling, and accessibility controls
`<Text>`	`<TextView>`	`<UITextView>`	`<p>`	Displays, styles, and nests strings of text and even handles touch events
`<Image>`	`<ImageView>`	`<UIImageView>`	`<img>`	Displays different types of images
`<ScrollView>`	`<ScrollView>`	`<UIScrollView>`	`<div>`	A generic scrolling container that can contain multiple components and views
`<TextInput>`	`<EditText>`	`<UITextField>`	`<input type="text">`	Allows the user to enter text

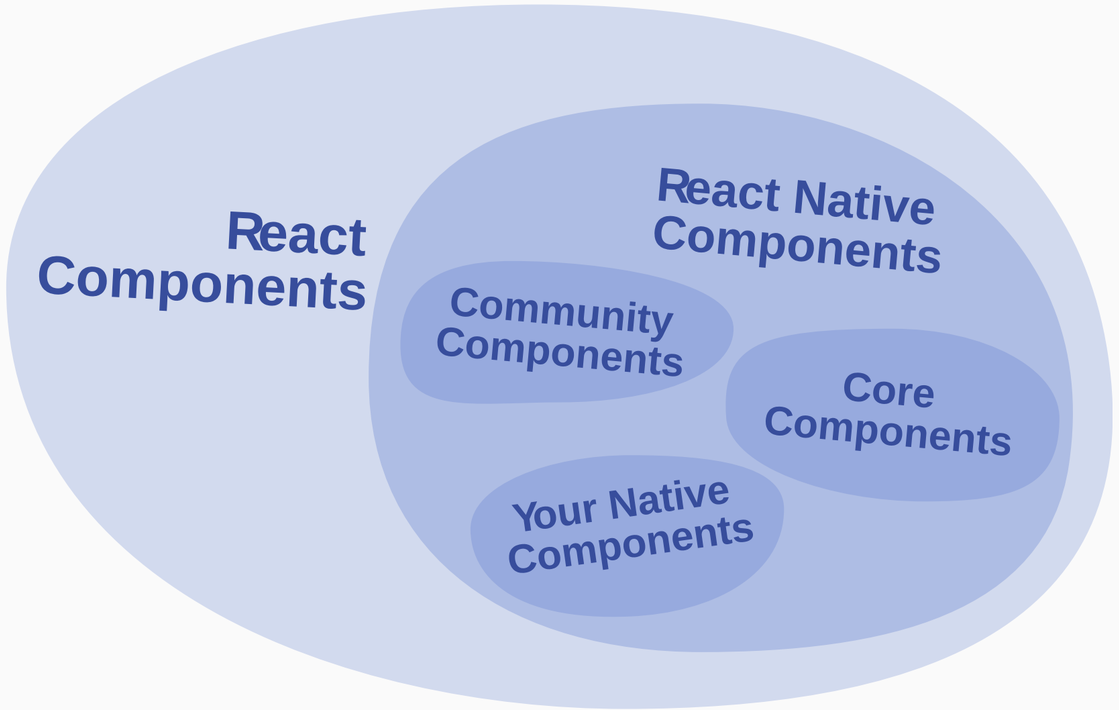


https://reactnative.directory/ - 781 libraries

https://reactnative.dev/docs/components-and-apis

Core Components

07



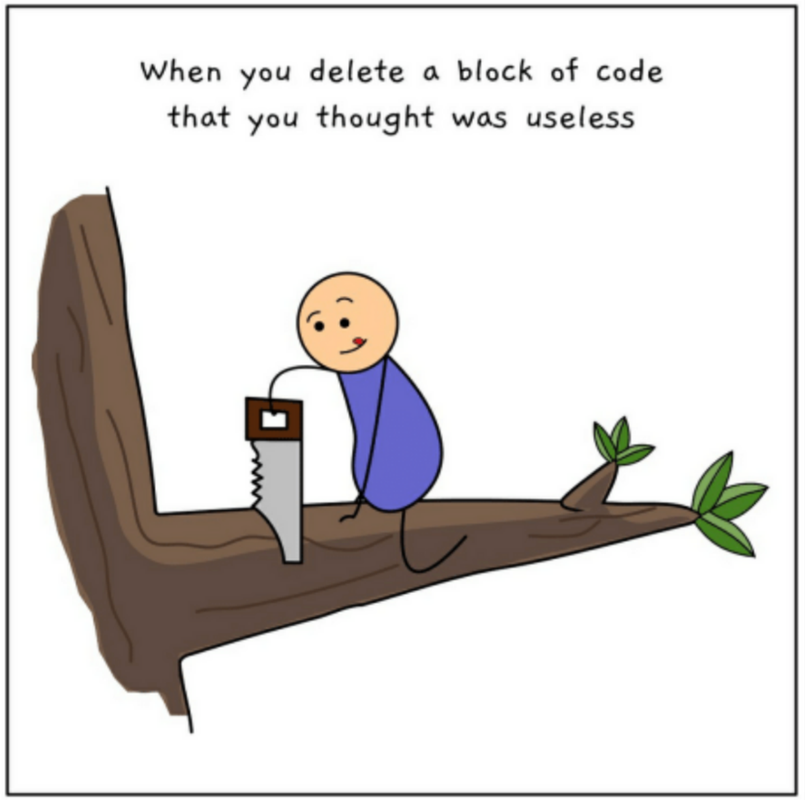
Vida Real

Quais os nossos desafios?

Criar softwares escaláveis, que nos permita o crescimento sustentável de nossa aplicação.

Problemas ou soluções?

Códigos reutilizáveis. Manutenibilidade.



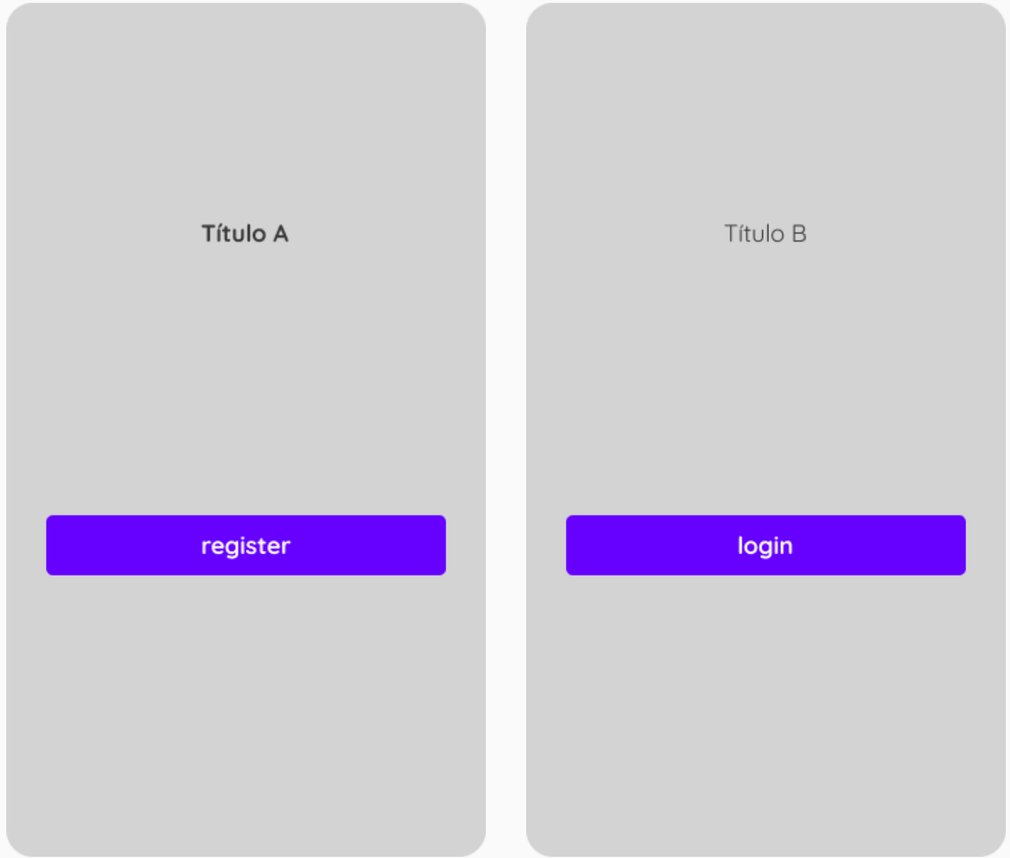
Exemplo

Problemas à vista

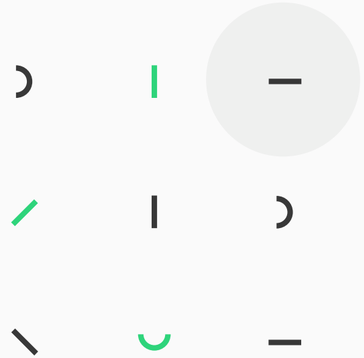
ctrl+c, ctrl+v

mudanças = dor de cabeça

padrão?



Exemplo



Problemas à vista

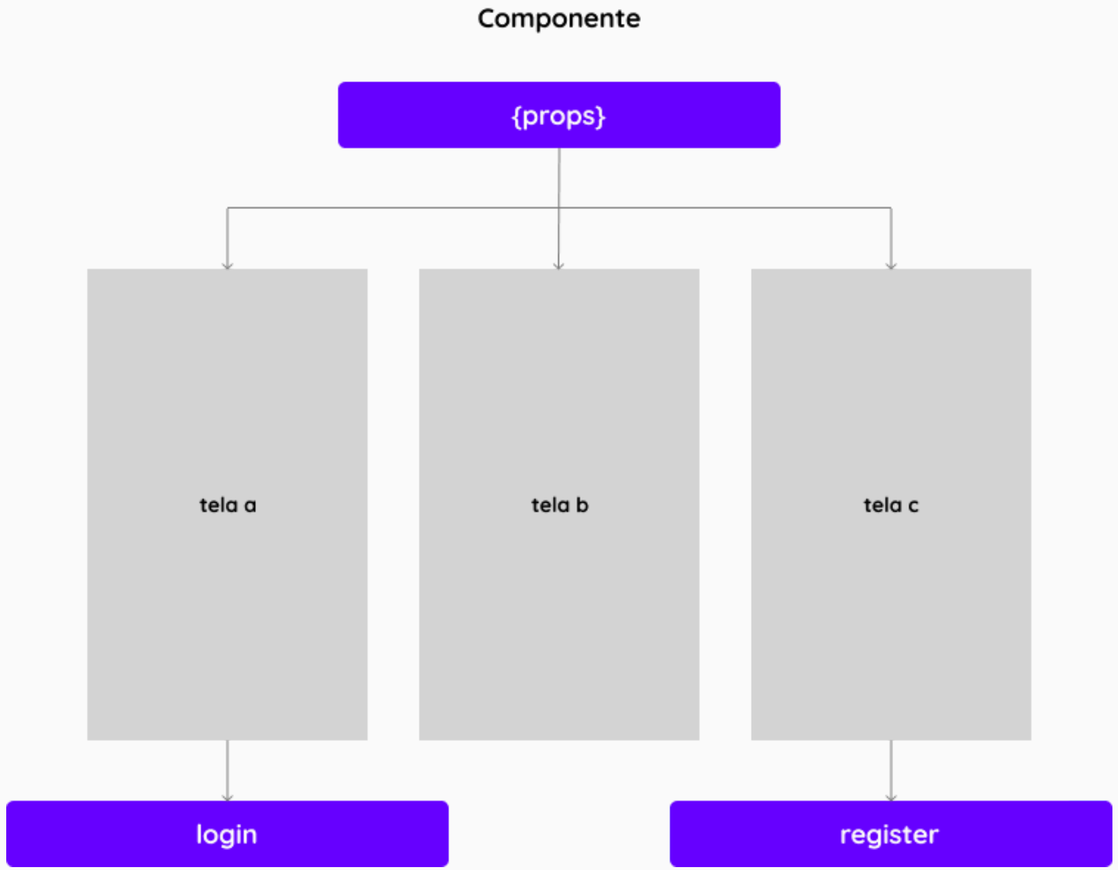
O que acontece se eu der control + c, control + v nos meus componentes e por ventura precise realizar alguma alteração de cor?

Vamos simplificar. Alteração no tamanho da fonte.

Soluções à vista

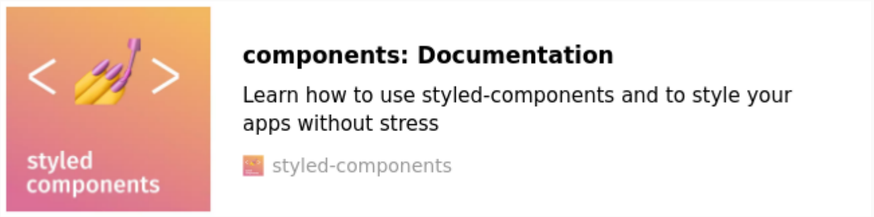
Integridade

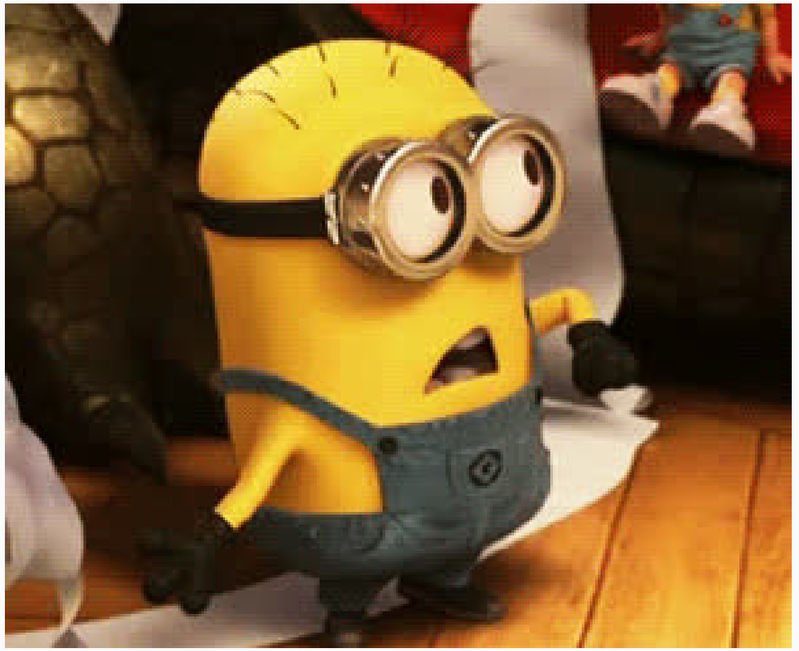
mudanças = amor



styled-components (do-amor)

css-in-js;

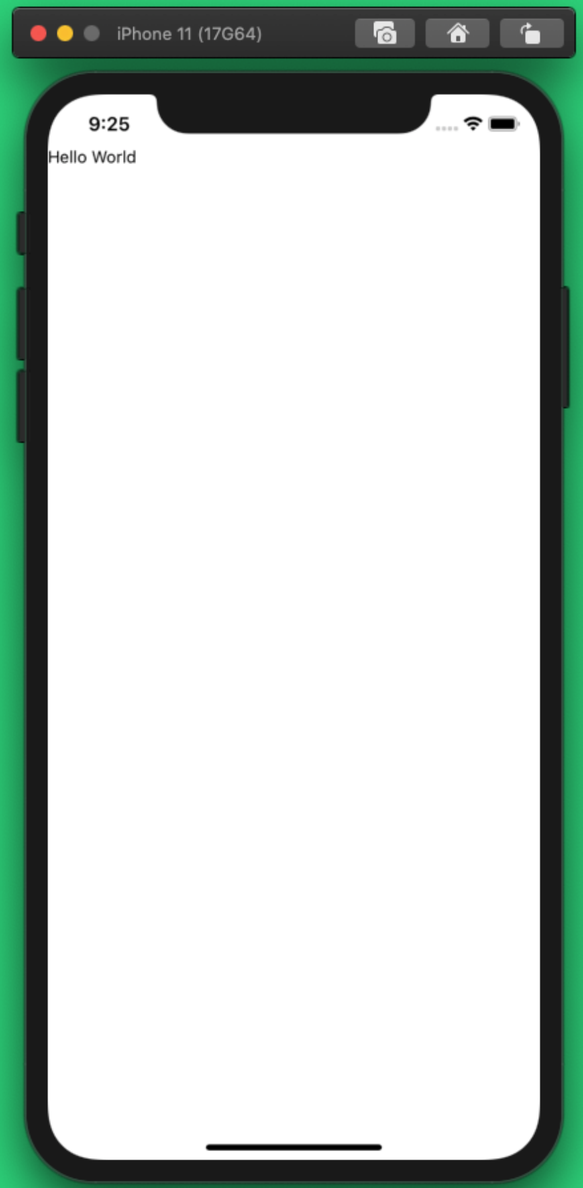




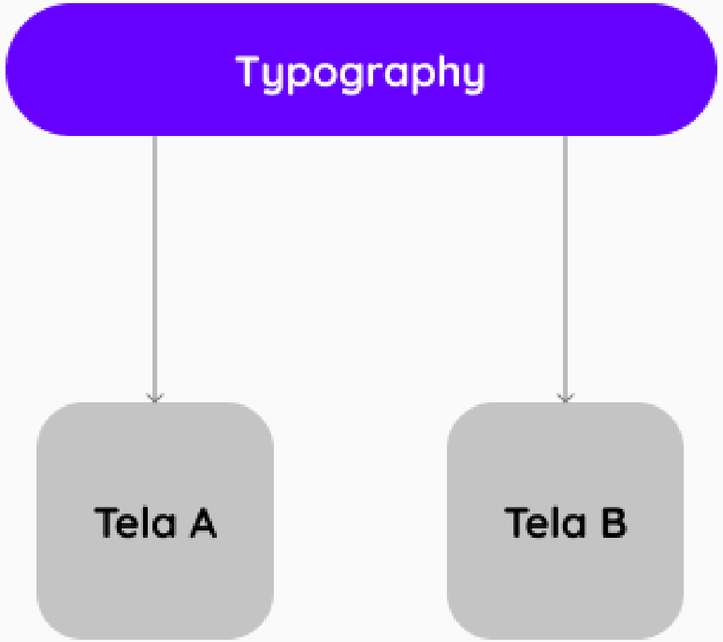
criando um componente

```
// components/Typography/styles.js

import styled from 'styled-components/native';

export const Label = styled.Text``;
```

```
// components/Typography/index.js

import { Label } from './styles';

const Typography = () => <Label>Hello World</Label>;

export default Typography;
```



utilização em diferentes cenários

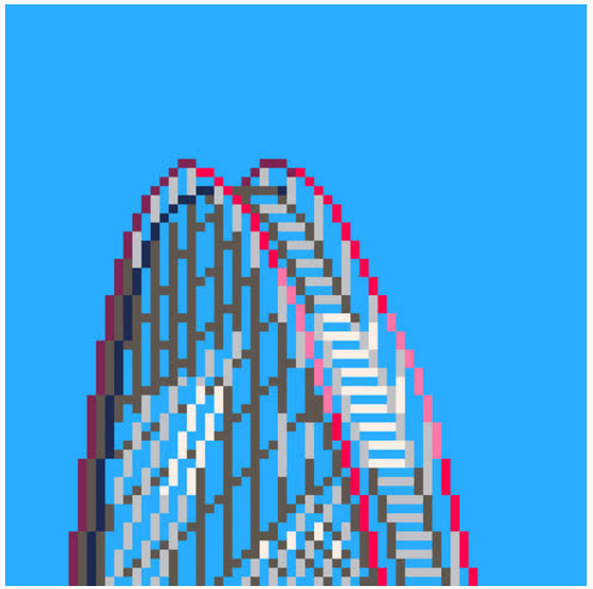


padronização

reutilização

Estilos Centralizados

```
// components/Typography/styles.js

export const Label = styled.Text`
  color: #2ed47b;
`;
```



Escopos Locais

sem efeitos colaterais

Estilos Dinâmicos


```
// components/Typography/styles.js
export const Label = styled.Text`
  color: #2ed47b;
  ${({ bold }) => bold && { 'font-weight': 'bold' }}
`;
```

Estilos Dinâmicos


```
// components/Typography/index.js

const Typography = () => <Label bold={true}>Hello World</Label>;
```

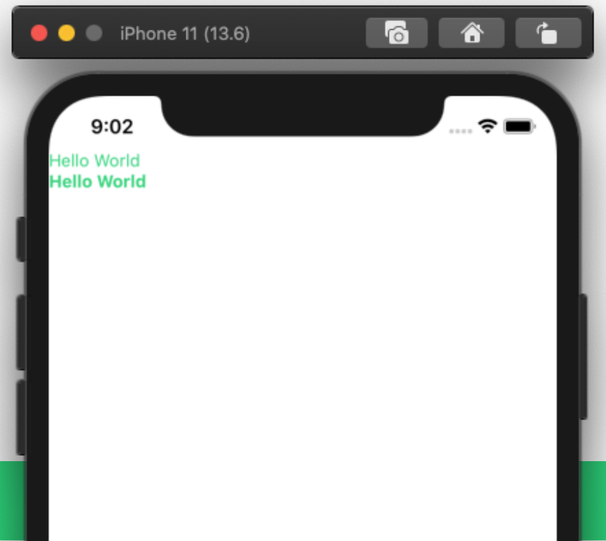
Construções dinâmicas

através das props

Tela -> Componente

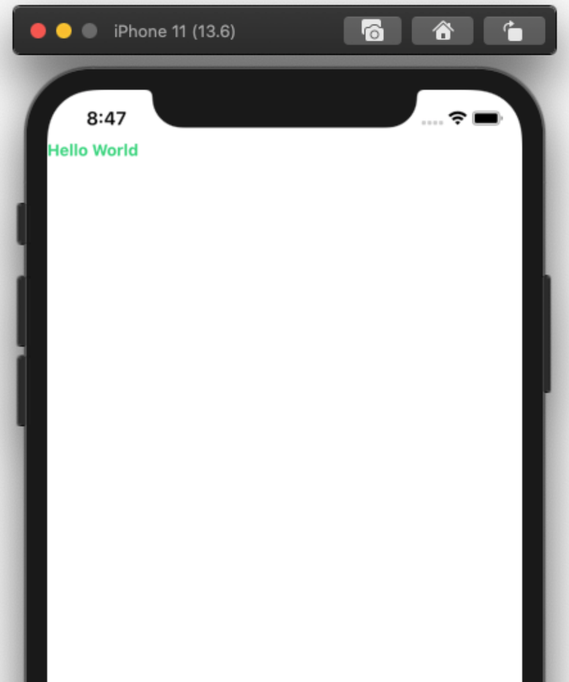
```jsx
// App.js
import { Typography } from './src/components';

const App = () => {
  return (
    <>
      <StatusBar barStyle="dark-content" />
      <SafeAreaView>
        <Typography />
        <Typography bold />
      </SafeAreaView>
    </>
  );
};

export default App;
```

```jsx
// components/Typography/index.js
const Typography = ({ bold }) =>
    <Label bold={bold}>Hello World</Label>;
```

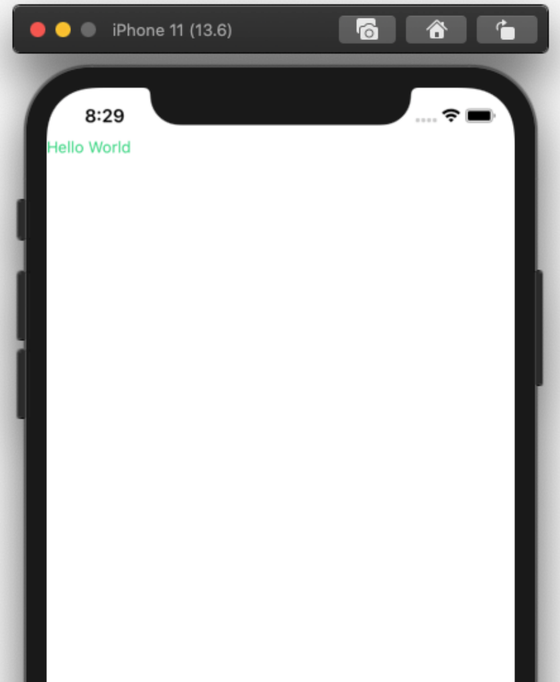


Alterações locais + estilos dinâmicos

bold={true}



bold={false}



XX number of clients to date

To create a stunning presentation, it's best to simplify your thoughts. Start with an outline of topics and identify highlights, which can be applied to whatever subject you plan on discussing.

100% job success

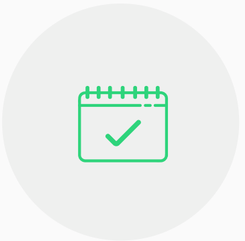
To create a stunning presentation, it's best to simplify your thoughts. Start with an outline of topics and identify highlights, which can be applied to whatever subject you plan on discussing.

styled-components (do-amor)

Centralização do CSS

Sem Efeitos Colaterais

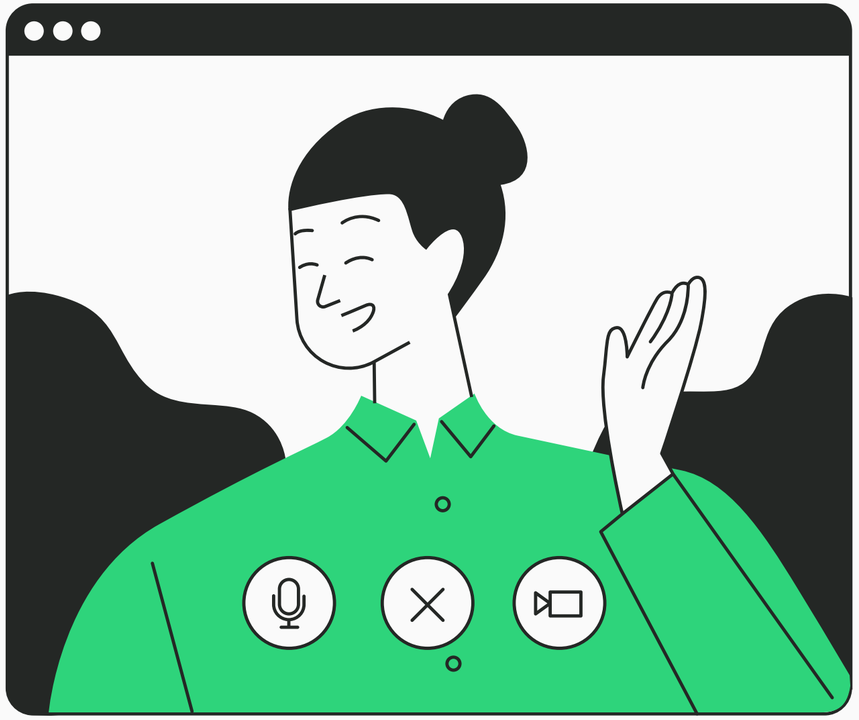
Performance



Escalabilidade

Robustez

Obrigada!



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