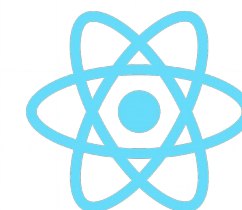


REACT NATIVE

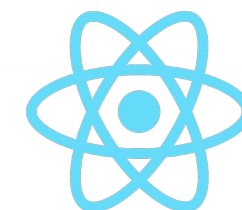
- × **Function Components e Class Components;**
- × **Core Components e Native Components;**
- × **Os 4 pilares do RN;**
- × **Trabalhando com TextInput**



REACT NATIVE

× **Function Components e Class Components**

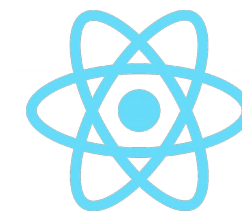
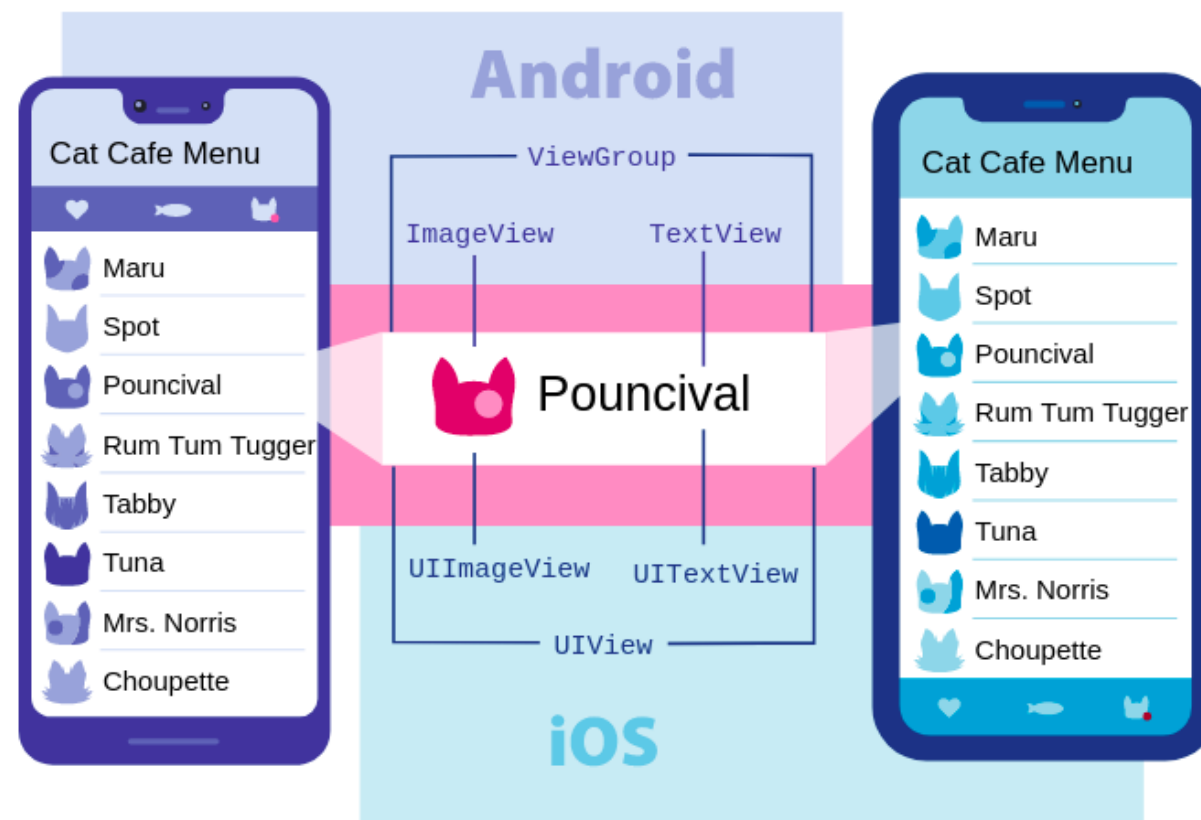
- Podemos criar um componente usando classes ou funções;
- Com a chegada dos Hooks API, na versão 0.59 do React Native, as funções também podem receber states;



REACT NATIVE

x Core Components and Native Components

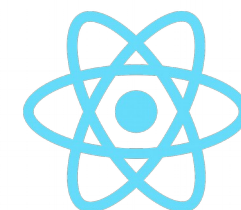
- Relação entre as Views e o desenvolvimento Mobile: Tudo são Views



REACT NATIVE

× Core Components and Native Components

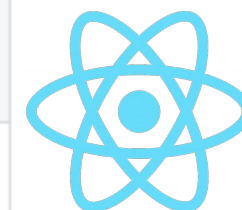
- Native Components: RN utiliza componentes nativos usando JavaScript e componentes do React, em tempo real.
- RN tem vários componentes nativos pronto para serem usados e esses componentes são chamados de Core Componentes;
- Há Core components para quase tudo, desde controle ate indicadores de atividades, vejamos alguns:



REACT NATIVE

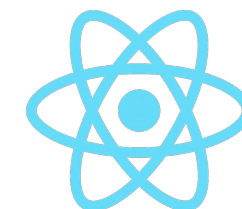
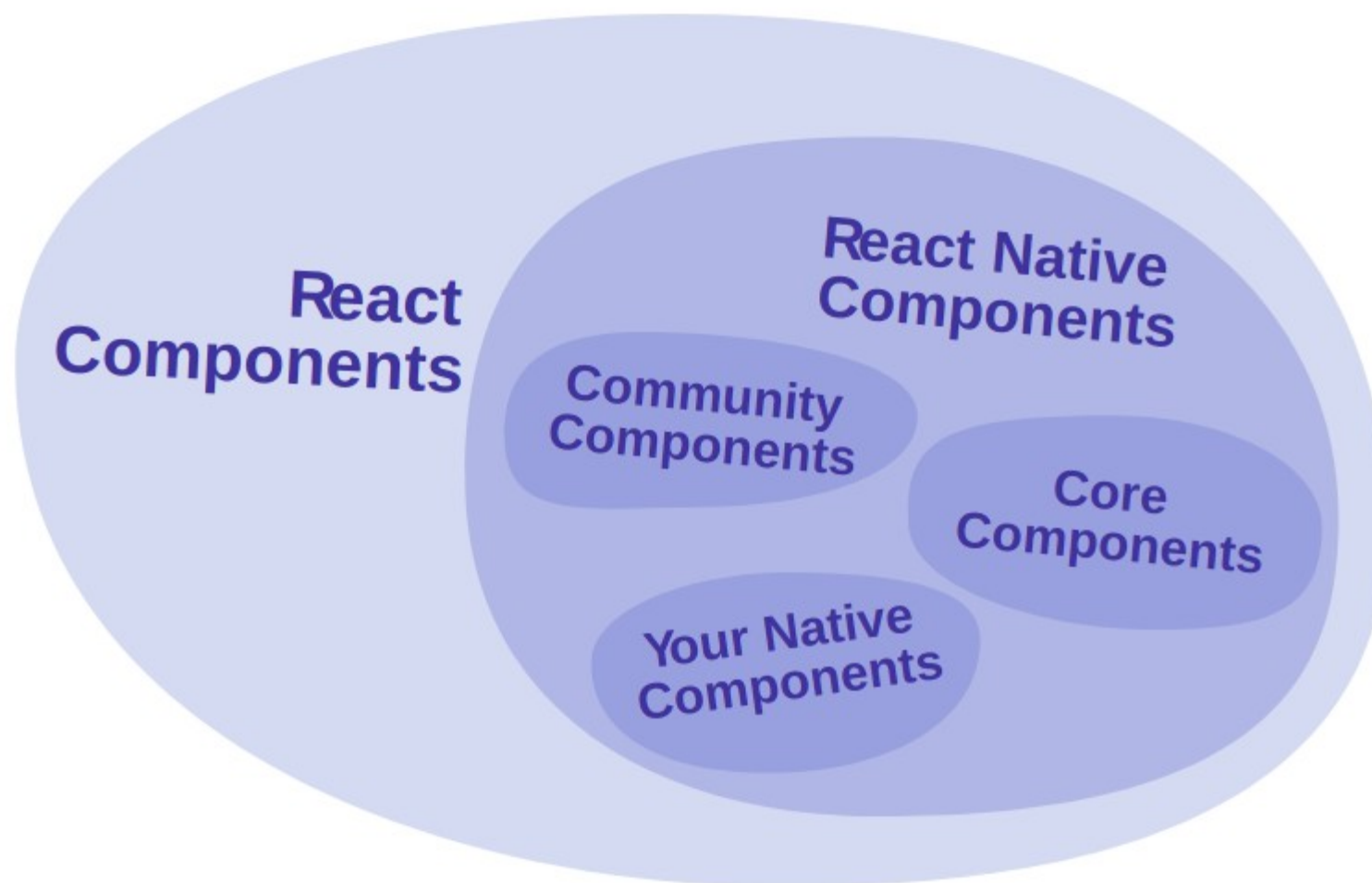
- **Core Components and Native Components**

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



REACT NATIVE

- **Core Components and Native Components**

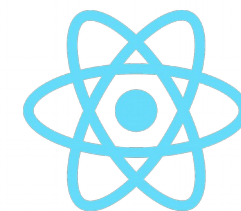




REACT NATIVE

x Os 4 pilares do RN

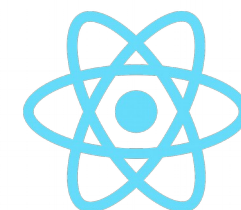
- Components: vamos criar um componente gato para compreender esse conceito, bora pro snack
- JSX: uma sintaxe que permite que você escreva elementos dentro do JavaScript, o uso dos `{}` é como se fosse um portal dentro do JS para o JSX
- Props: Uma abreviação para properties, elas permitem customizar o componente, bora pro snack ver um exemplo
- State: é como o componente armazena os valores que ele contem. Eles dão memória para nossos componentes.



REACT NATIVE

× Trabalhando com TextInput

- TextInput é um Core Component, que permite que o usuário entre com um texto;
- Possui um prop onChangeText, que é chamada sempre o texto for alterado;
- Vamos ver no snack como funciona o TextInput



REACT NATIVE

- **REFERENCIAS:**

- Site oficial do RN: <https://reactnative.dev/docs/getting-started>

