

Desenvolvimento de aplicativos com o framework Flutter

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Ferramentas

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- bash
- flutter
- git
- *gradle*
- Android Studio (Flutter)
- Emulador (Android)

Controle de versões

<https://medium.com/@suragch/how-to-add-an-android-studio-project-to-gitlab-b4318e19fe7c>

Local, Gitlab

Edição

<https://flutter.dev/docs/development/tools/android-studio>

Auto-completar, auto-correção

Refatoração

Refactor Menu

Constantes, variáveis, métodos, classes

Depuração

<https://flutter.dev/docs/testing/code-debugging>

Atividades

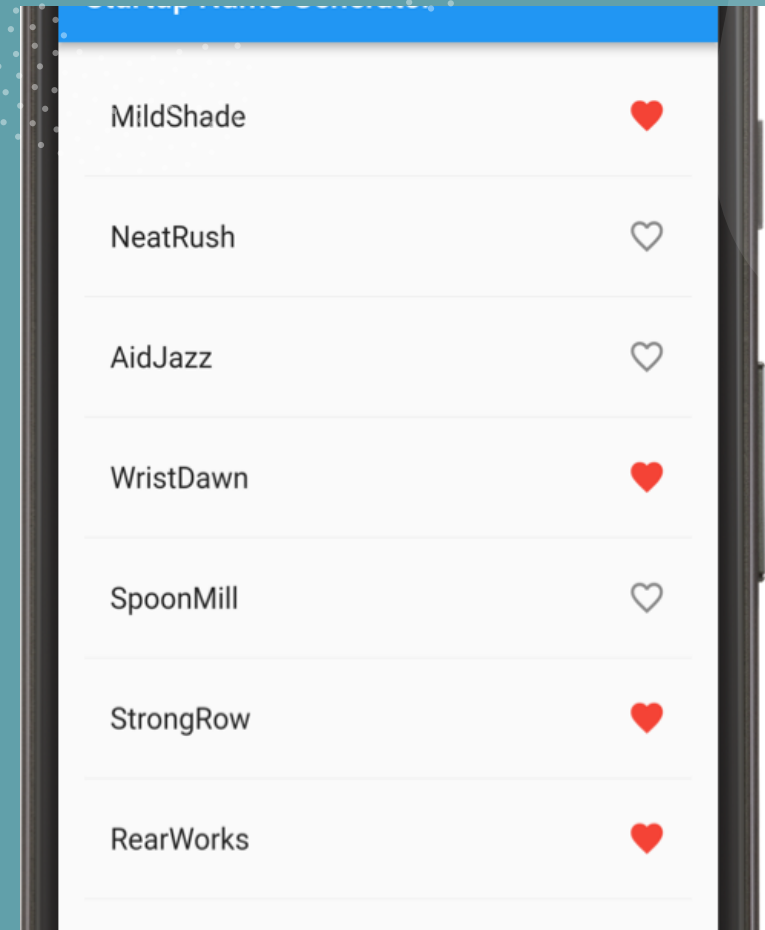
Editar exemplos

- Crie uma conta no Gitlab
- Crie um grupo
- Crie um projeto para cada exemplo
- Execute o projeto em um emulador Android ou iOS
- Complete o "Code Lab": Write your first Flutter app
 - Utilize o Android Studio
 - Utilize o Gitlab

Write your first Flutter app

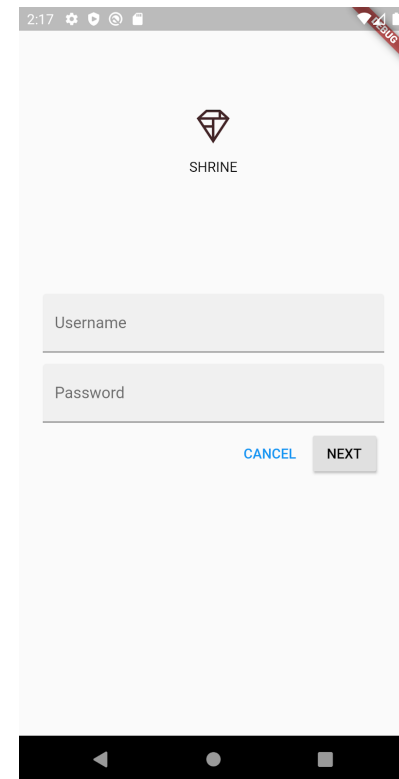
<https://codelabs.developers.google.com/codelabs/first-flutter-app-pt1/#2>

<https://codelabs.developers.google.com/codelabs/first-flutter-app-pt2/#0>



Shrine

- <https://codelabs.developers.google.com/codelabs/mdc-101-flutter/#0>



Cookbooks

- Lists
 - [Create a grid list](#)
 - [Create a horizontal list](#)
 - [Create lists with different types of items](#)
 - [Place a floating app bar above a list](#)
 - [Use lists](#)
 - [Work with long lists](#)
- Navigation
 - [Navigate to a new screen and back](#)
 - [Navigate with named routes](#)
 - [Pass arguments to a named route](#)
 - [Return data from a screen](#)
 - [Send data to a new screen](#)
- Networking
 - [Delete data on the internet](#)
 - [Fetch data from the internet](#)
 - [Make authenticated requests](#)
 - [Parse JSON in the background](#)
 - [Send data to the internet](#)
 - [Update data over the internet](#)
 - [Work with WebSockets](#)
- Unit Testing
 - [An introduction to unit testing](#)
 - [Mock dependencies using Mockito](#)
- Forms
 - [Build a form with validation](#)
 - [Create and style a text field](#)
 - [Focus and text fields](#)
 - [Handle changes to a text field](#)
 - [Retrieve the value of a text field](#)

Referências

- Marco L. Napoli (2020) Beginning Flutter, John Wiley & sons (WROX)
- flutter.dev
- dart.dev
- <http://repl.it>
- <https://dartpad.dev>