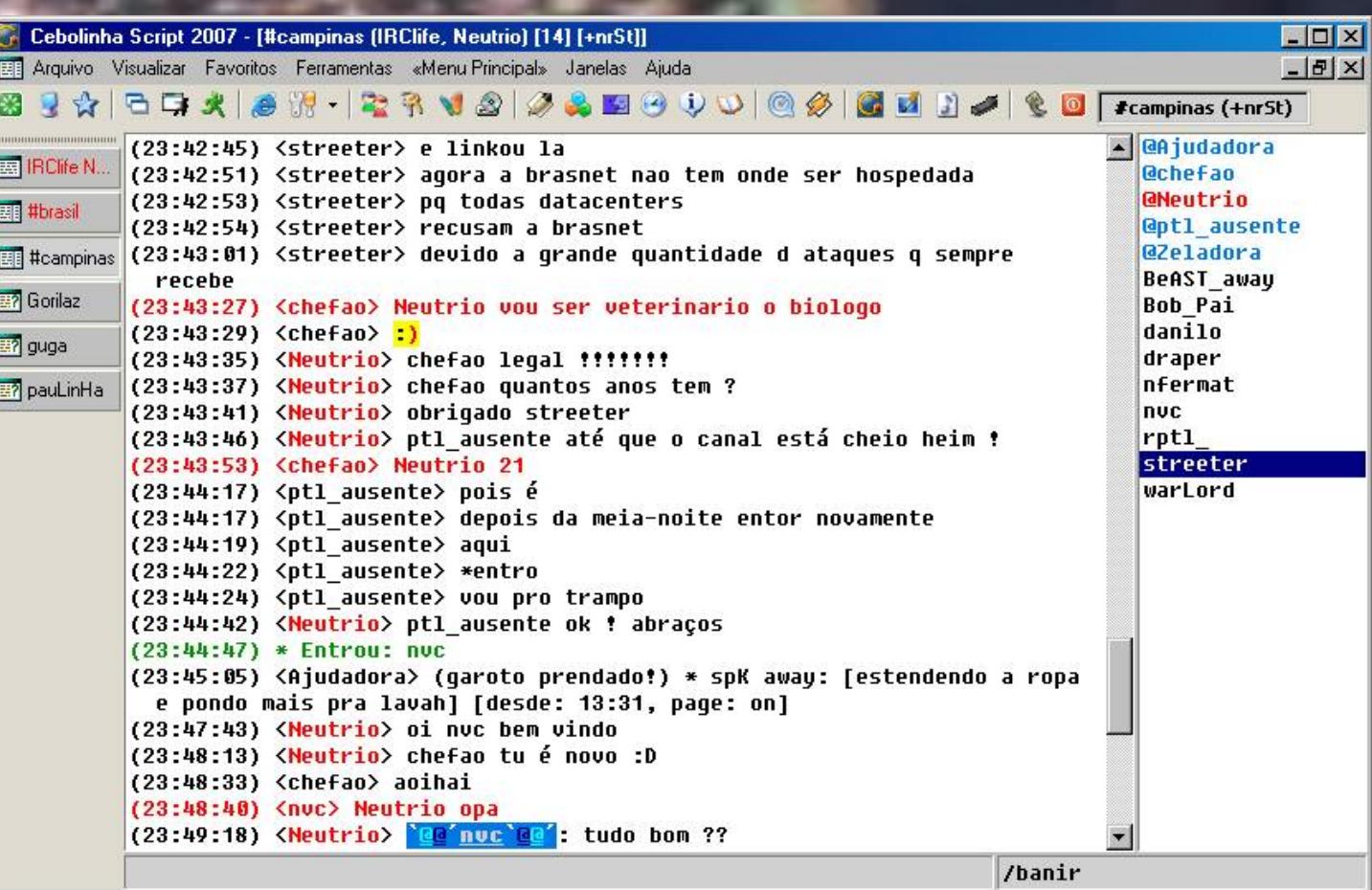
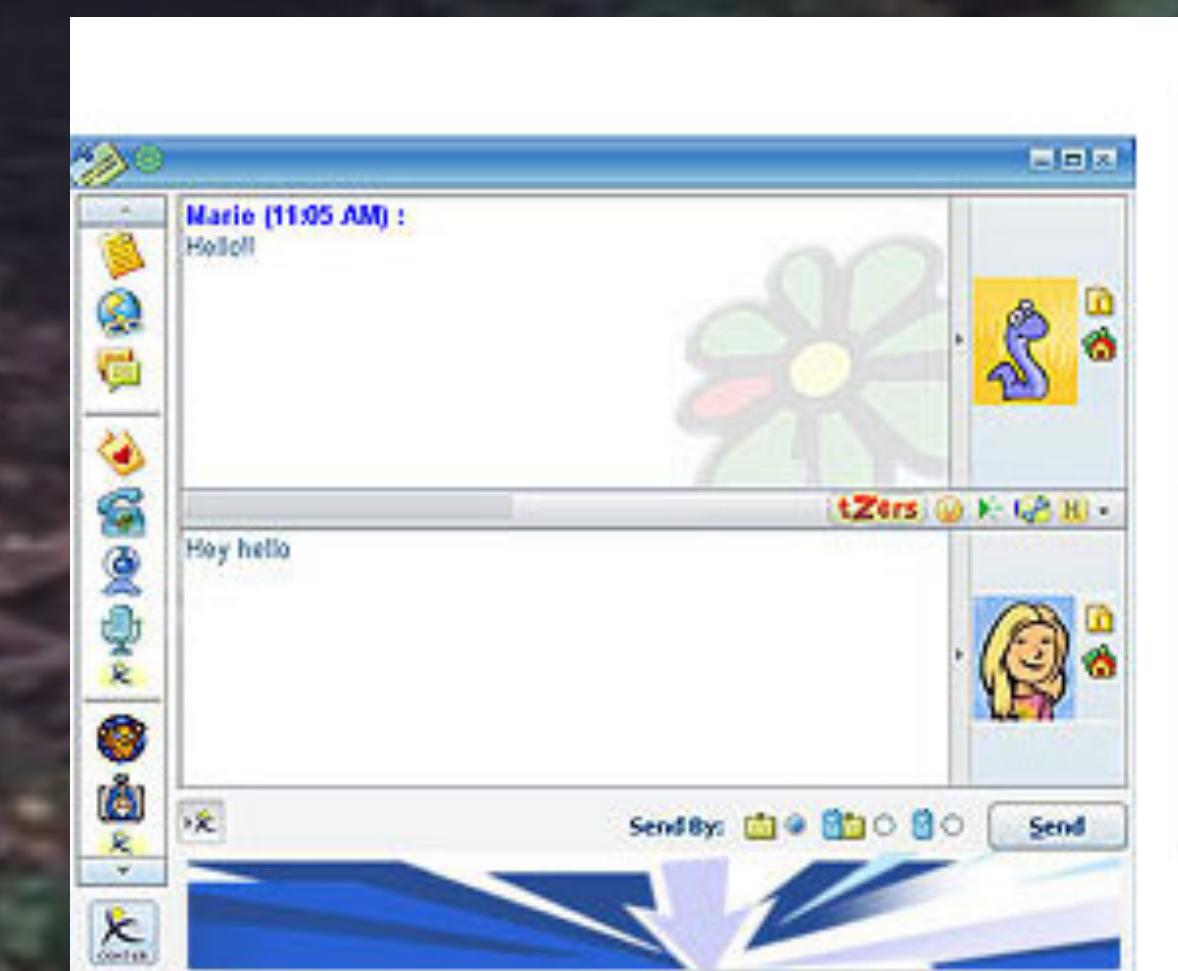




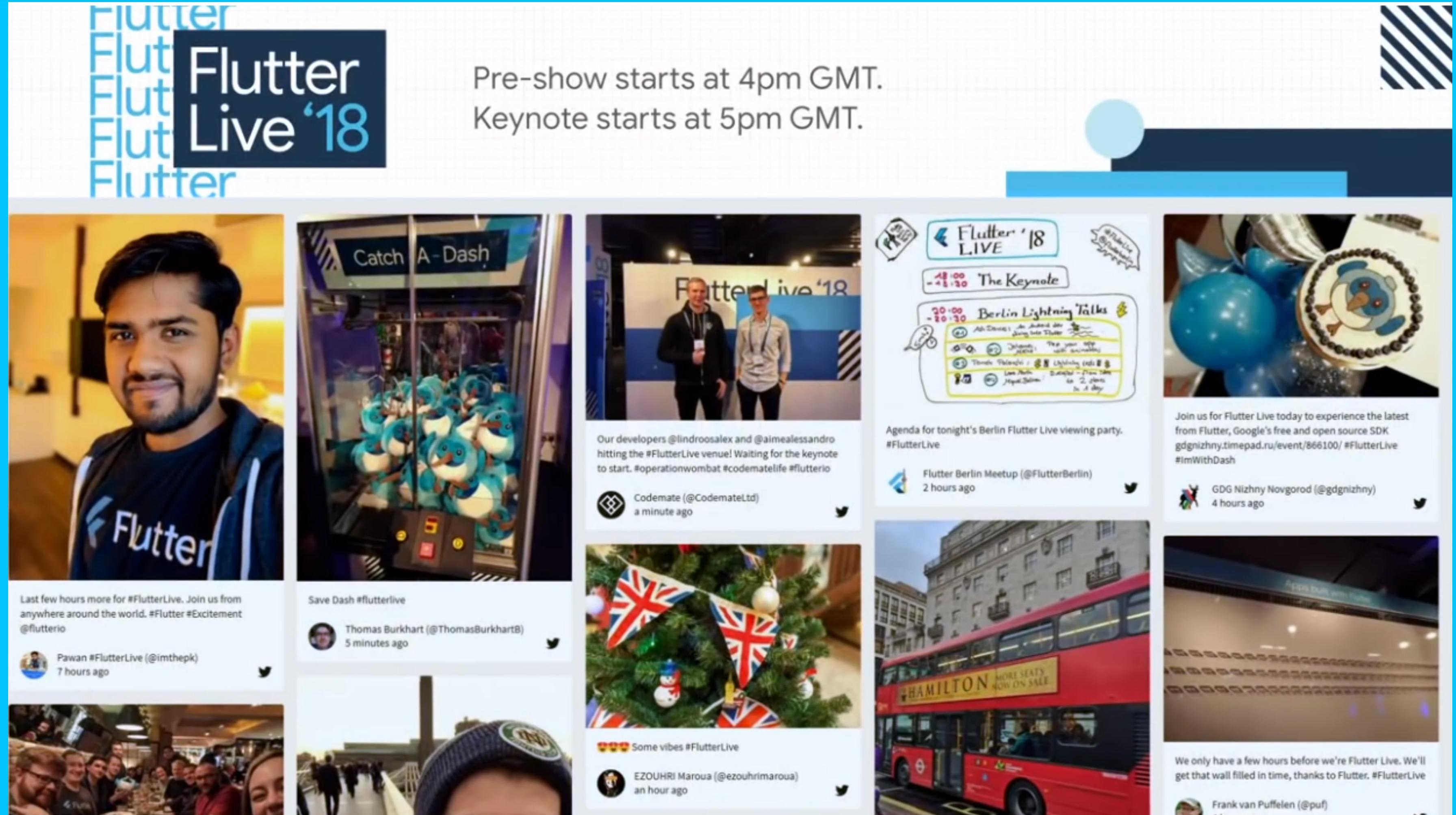
Flutter Desktop

O Futuro do Desenvolvimento





Finalmente Flutter



Pre-show starts at 4pm GMT.
Keynote starts at 5pm GMT.

Our developers @lindroosalex and @aimealessandro hitting the #FlutterLive venue! Waiting for the keynote to start. #operationwombat #codematelife #flutterio

Last few hours more for #FlutterLive. Join us from anywhere around the world. #Flutter #Excitement @flutterio

Pawan #FlutterLive (@imthepk) 7 hours ago

Save Dash #flutterlive

Thomas Burkhart (@ThomasBurkhartB) 5 minutes ago

Some vibes #FlutterLive

EZOUHRI Maroua (@ezouhriamaroua) an hour ago

Join us for Flutter Live today to experience the latest from Flutter, Google's free and open source SDK gdgnizhny.timepad.ru/event/866100/#FlutterLive #imWithDash

Agenda for tonight's Berlin Flutter Live viewing party. #FlutterLive

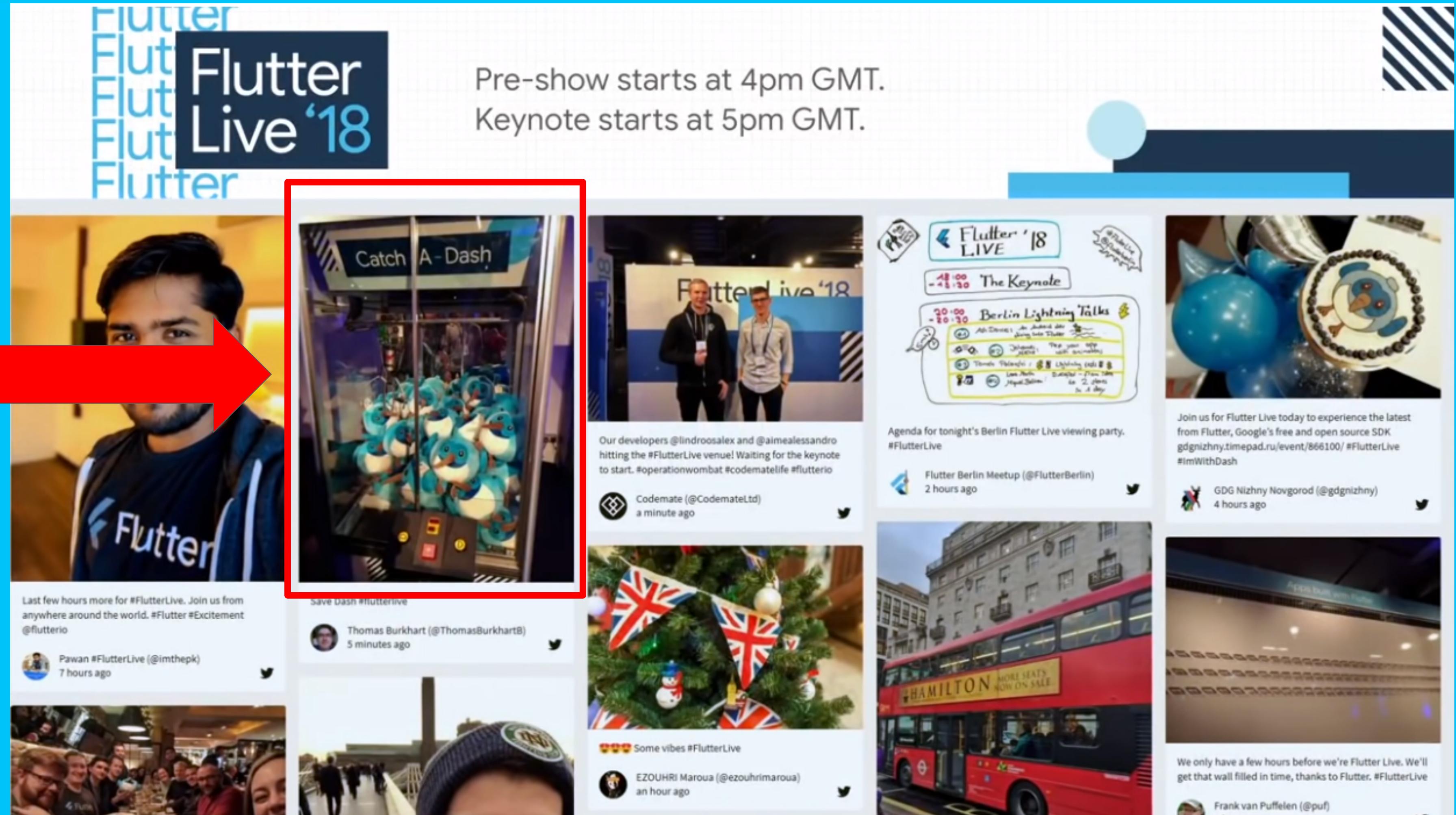
Flutter Berlin Meetup (@FlutterBerlin) 2 hours ago

HAMILTON MORE SEATS NOW ON SALE

We only have a few hours before we're Flutter Live. We'll get that wall filled in time, thanks to Flutter. #FlutterLive

Frank van Puffelen (@puf) 4 hours ago

Finalmente Flutter



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Codemate (@CodemateLtd) a minute ago

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Save Dash #flutterlive

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Catch A-Dash

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Frank van Puffelen (@puf) 4 hours ago



Flutterando
COMUNIDADE

Lançamento do Flutter 1.0



 Flutter Live

December 4th, 2018

[WATCH THE SESSION RECORDINGS](#)

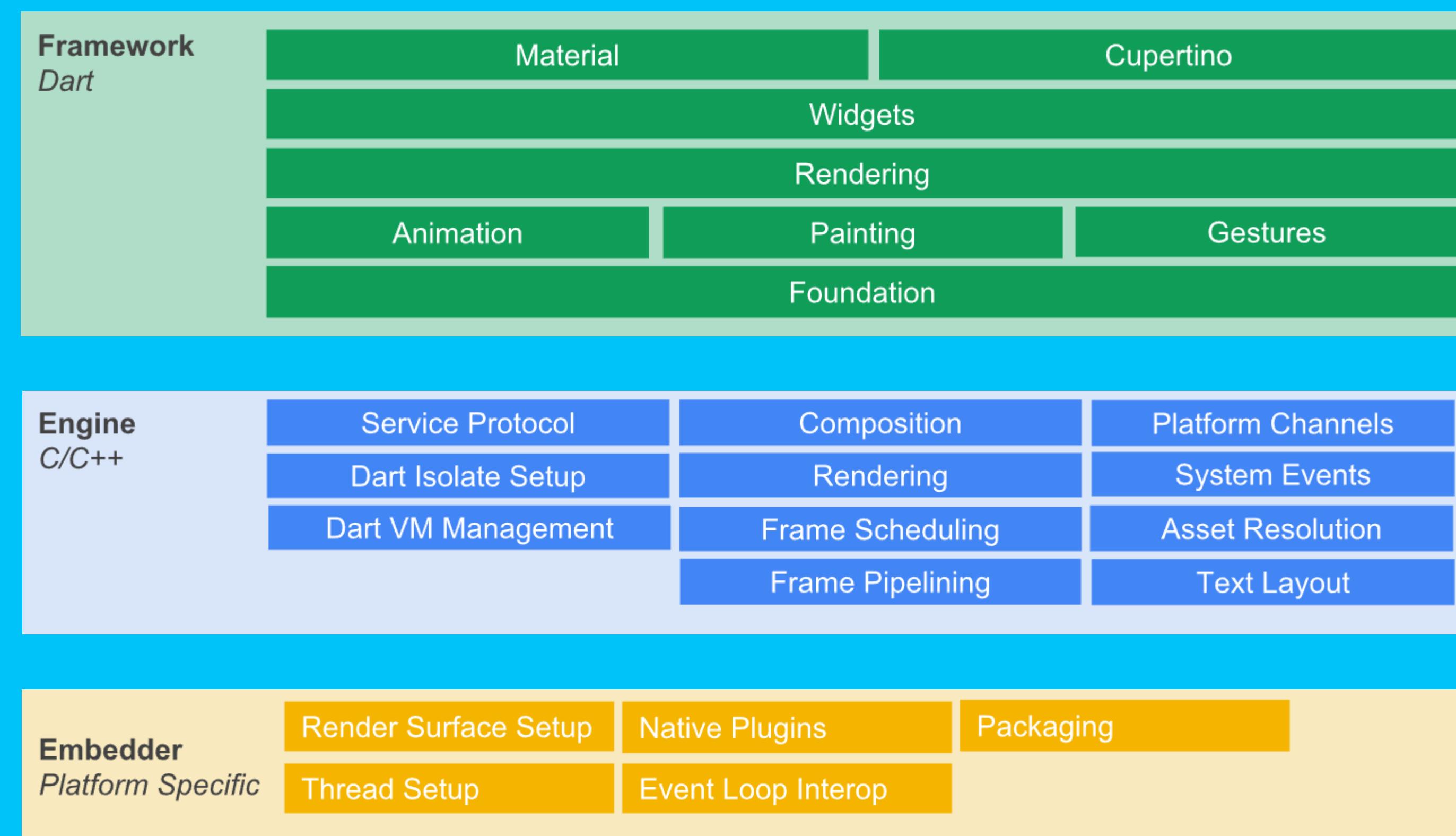
[VISIT THE FLUTTER WEBSITE](#)

Follow:  

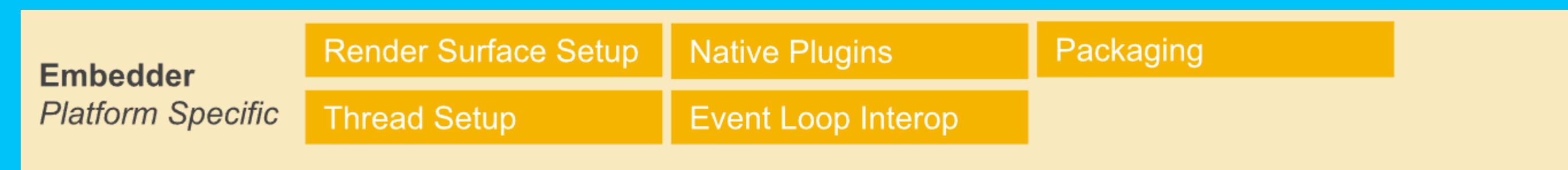
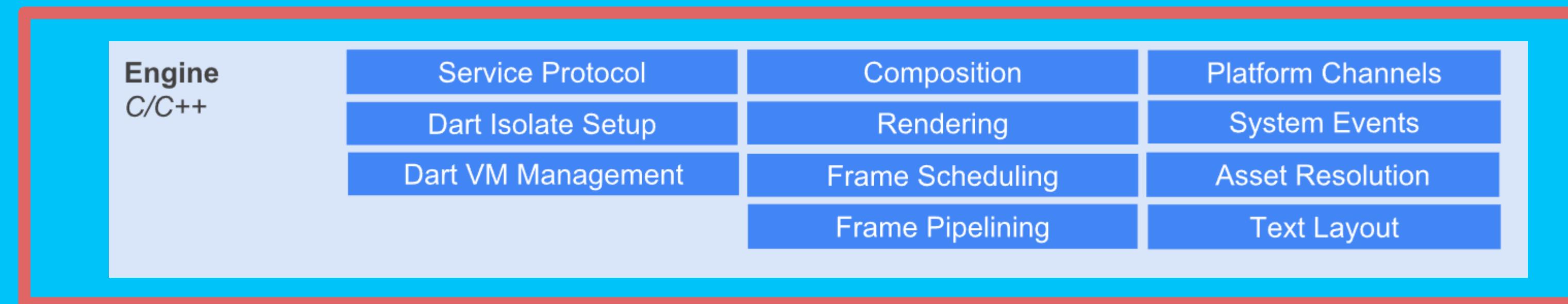
Flutter Engine

O que é?

Flutter Engine



Flutter Engine



Flutter Desktop Preview



Flutter

-  Mobile
-  Web
-  Desktop
-  Embedded

Flutter Desktop Preview



-  Mobile
-  Web
-  Desktop
-  Embedded

Go-Flutter

go-flutter-desktop / go-flutter

Code Issues Pull requests Wiki Security Insights

Flutter on Windows, MacOS and Linux - based on Flutter Embedding, Go and GLFW. <https://hover.build>

flutter golang desktop glfw go windows macos linux ui hover

192 commits 2 branches 29 releases 15 contributors BSD-3-Clause

Branch: master New pull request Create new file Upload files Find File Clone or download

Drakirius Fix/mouse exit windows (#202) ... Latest commit 1e06f4d 3 days ago

File	Description	Time Ago
.github/ISSUE_TEMPLATE	.github: Add example template	4 months ago
embedder	feat: EventChannel (#178)	6 days ago
internal	internal/execpath: cleanup	4 months ago
plugin	Feature/fallback method handler (#200)	4 days ago
.gitattributes	Add new example project + Importable as a Go library	10 months ago
.gitignore	Add support for sync method handlers	4 months ago
LICENSE	Update LICENSE	5 months ago
README.md	Update README.md	6 days ago
accessibility.go	fixes #149 Hide most of the "no handler for method (#193)	6 days ago
application.go	Fix/mouse exit windows (#202)	3 days ago
doc.go	Add codecs and a plugin structure, rework the system plugins.	4 months ago
glfw.go	Fix/mouse exit windows (#202)	3 days ago
go.mod	Update github.com/go-gl/glfw commit hash to e6da0ac	2 months ago
go.sum	chore: Handle multiple mouse button press	last month
key-events.go	chore: go-vet compliant	last month
keyboard.go	Moved project (#76)	5 months ago
lifecycle.go	Add initial implementation for system navigator pop event (#142)	2 months ago
mascot.png	Add new example project + Importable as a Go library	10 months ago
messenger.go	Add support for sync method handlers	4 months ago
navigation.go	Add initial implementation for system navigator pop event (#142)	2 months ago
option.go	Add window dimension limits (#145)	2 months ago
platform.go	fixes #149 Hide most of the "no handler for method (#193)	6 days ago

Flutter Desktop Embedding - C++

google / flutter-desktop-embedding

Code Issues 19 Pull requests 2 Projects 0 Wiki Security Insights

Watch 248 Star 5,044 Fork 316

Examples of using, and testbed for, the in-development Flutter for Desktop

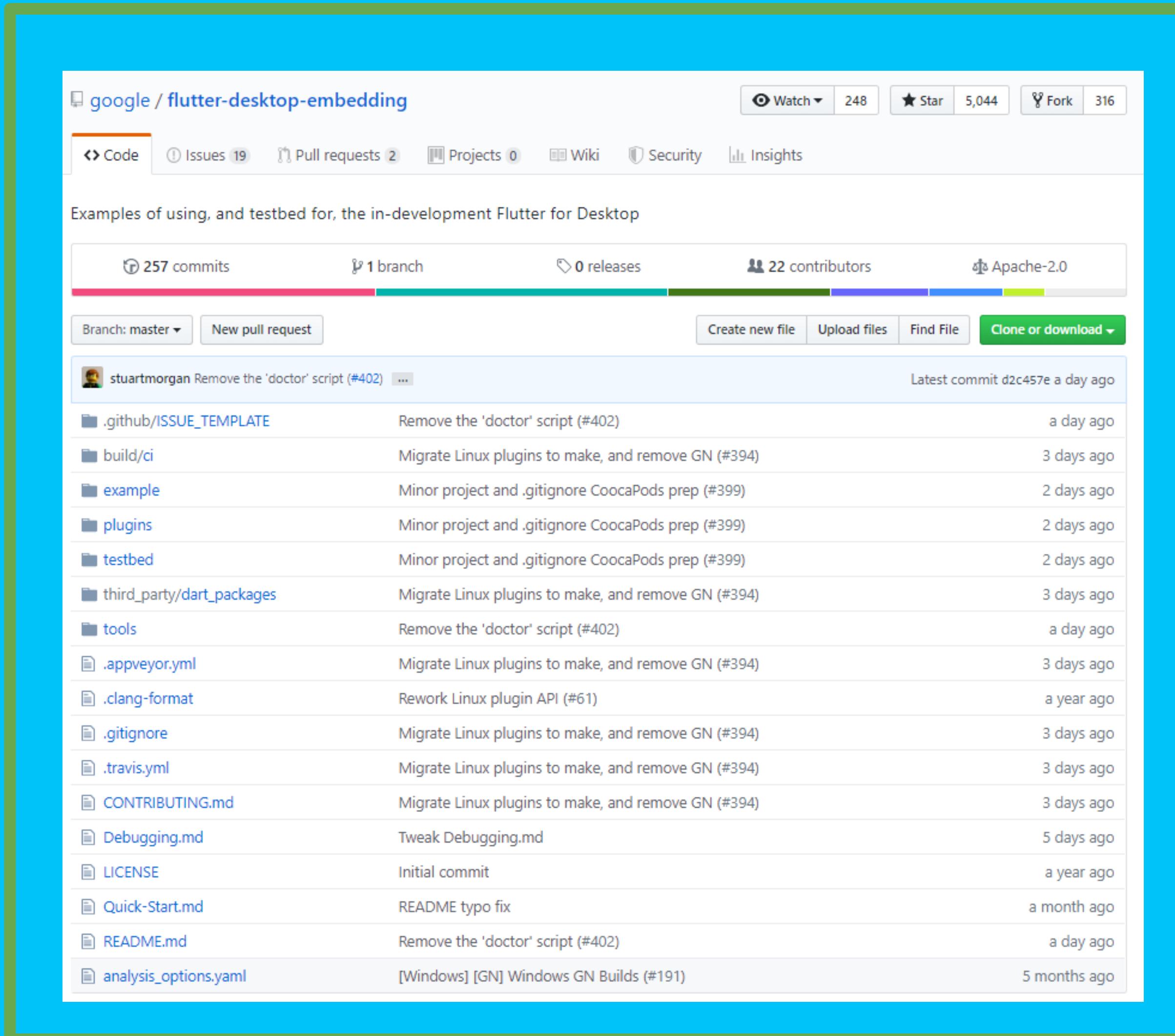
257 commits 1 branch 0 releases 22 contributors Apache-2.0

Branch: master New pull request Create new file Upload files Find File Clone or download

stuartmorgan Remove the 'doctor' script (#402) ... Latest commit d2c457e a day ago

.github/ISSUE_TEMPLATE	Remove the 'doctor' script (#402)	a day ago
build/ci	Migrate Linux plugins to make, and remove GN (#394)	3 days ago
example	Minor project and .gitignore CoocaPods prep (#399)	2 days ago
plugins	Minor project and .gitignore CoocaPods prep (#399)	2 days ago
testbed	Minor project and .gitignore CoocaPods prep (#399)	2 days ago
third_party/dart_packages	Migrate Linux plugins to make, and remove GN (#394)	3 days ago
tools	Remove the 'doctor' script (#402)	a day ago
.appveyor.yml	Migrate Linux plugins to make, and remove GN (#394)	3 days ago
.clang-format	Rework Linux plugin API (#61)	a year ago
.gitignore	Migrate Linux plugins to make, and remove GN (#394)	3 days ago
.travis.yml	Migrate Linux plugins to make, and remove GN (#394)	3 days ago
CONTRIBUTING.md	Migrate Linux plugins to make, and remove GN (#394)	3 days ago
Debugging.md	Tweak Debugging.md	5 days ago
LICENSE	Initial commit	a year ago
Quick-Start.md	README typo fix	a month ago
README.md	Remove the 'doctor' script (#402)	a day ago
analysis_options.yaml	[Windows] [GN] Windows GN Builds (#191)	5 months ago

Flutter Desktop Embedding - C++



The screenshot shows the GitHub repository page for `google/flutter-desktop-embedding`. The repository has 257 commits, 1 branch, 0 releases, 22 contributors, and is licensed under Apache-2.0. It was last updated a day ago. The repository contains files like `.github/ISSUE_TEMPLATE`, `build/ci`, `example`, `plugins`, `testbed`, `third_party/dart_packages`, `tools`, `.appveyor.yml`, `.clang-format`, `.gitignore`, `.travis.yml`, `CONTRIBUTING.md`, `Debugging.md`, `LICENSE`, `Quick-Start.md`, `README.md`, and `analysis_options.yaml`.

File	Description	Last Commit
<code>.github/ISSUE_TEMPLATE</code>	Remove the 'doctor' script (#402)	a day ago
<code>build/ci</code>	Migrate Linux plugins to make, and remove GN (#394)	3 days ago
<code>example</code>	Minor project and .gitignore CoocaPods prep (#399)	2 days ago
<code>plugins</code>	Minor project and .gitignore CoocaPods prep (#399)	2 days ago
<code>testbed</code>	Minor project and .gitignore CoocaPods prep (#399)	2 days ago
<code>third_party/dart_packages</code>	Migrate Linux plugins to make, and remove GN (#394)	3 days ago
<code>tools</code>	Remove the 'doctor' script (#402)	a day ago
<code>.appveyor.yml</code>	Migrate Linux plugins to make, and remove GN (#394)	3 days ago
<code>.clang-format</code>	Rework Linux plugin API (#61)	a year ago
<code>.gitignore</code>	Migrate Linux plugins to make, and remove GN (#394)	3 days ago
<code>.travis.yml</code>	Migrate Linux plugins to make, and remove GN (#394)	3 days ago
<code>CONTRIBUTING.md</code>	Migrate Linux plugins to make, and remove GN (#394)	3 days ago
<code>Debugging.md</code>	Tweak Debugging.md	5 days ago
<code>LICENSE</code>	Initial commit	a year ago
<code>Quick-Start.md</code>	README typo fix	a month ago
<code>README.md</code>	Remove the 'doctor' script (#402)	a day ago
<code>analysis_options.yaml</code>	[Windows] [GN] Windows GN Builds (#191)	5 months ago

Flutter Desktop - Instalação

- Git: \$git clone <https://github.com/google/flutter-desktop-embedding>

Flutter Desktop - Instalação

- Git: `$git clone https://github.com/google/flutter-desktop-embedding`
- Ninja-Build

Flutter Desktop - Instalação

- Git: `$git clone https://github.com/google/flutter-desktop-embedding`
- Ninja-Build
- GN

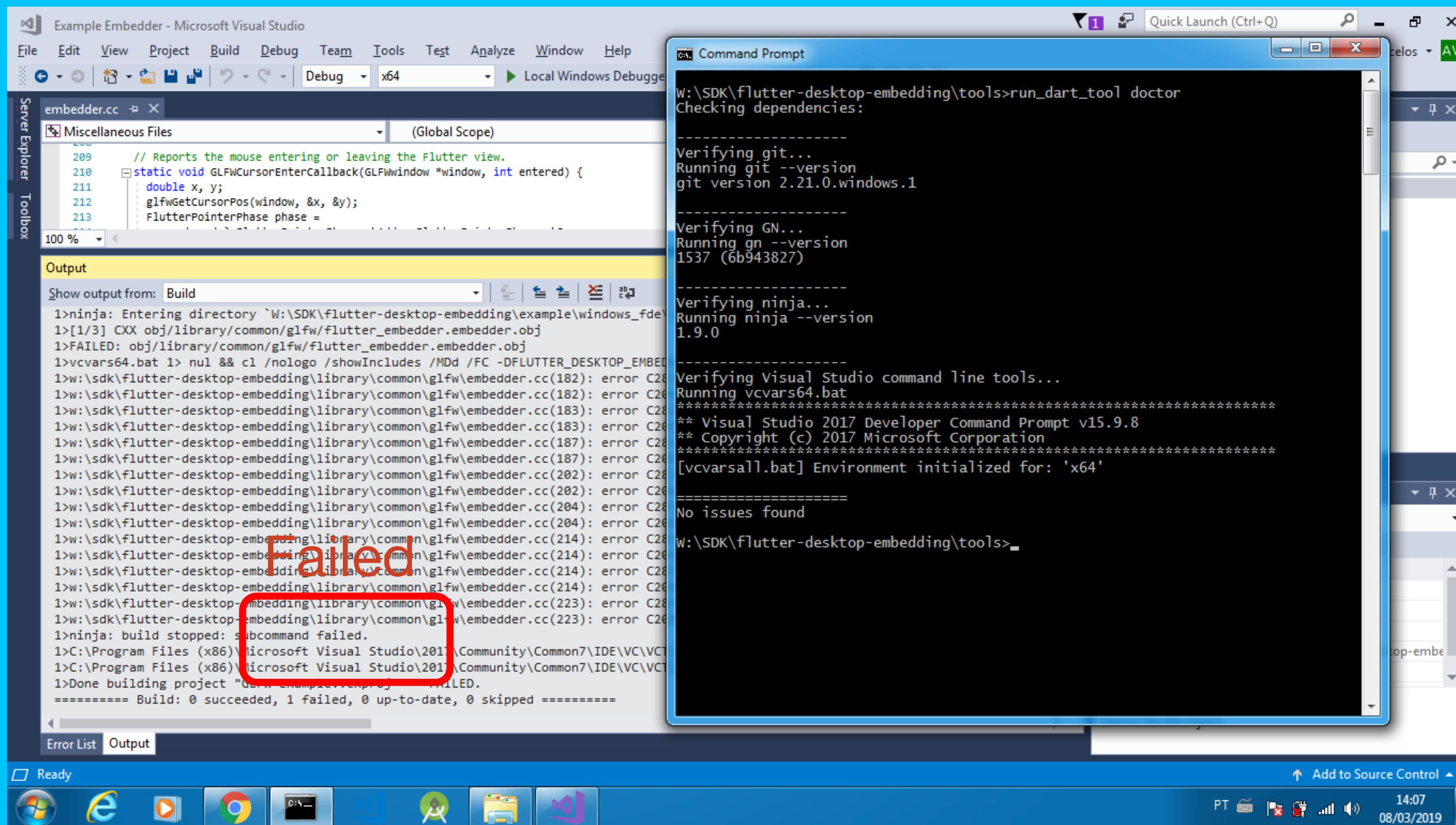
Flutter Desktop - Instalação

- Git: `$git clone https://github.com/google/flutter-desktop-embedding`
- Ninja-Build
- GN
- Visual Studio 2017: “ Desktop development with C++” instalado

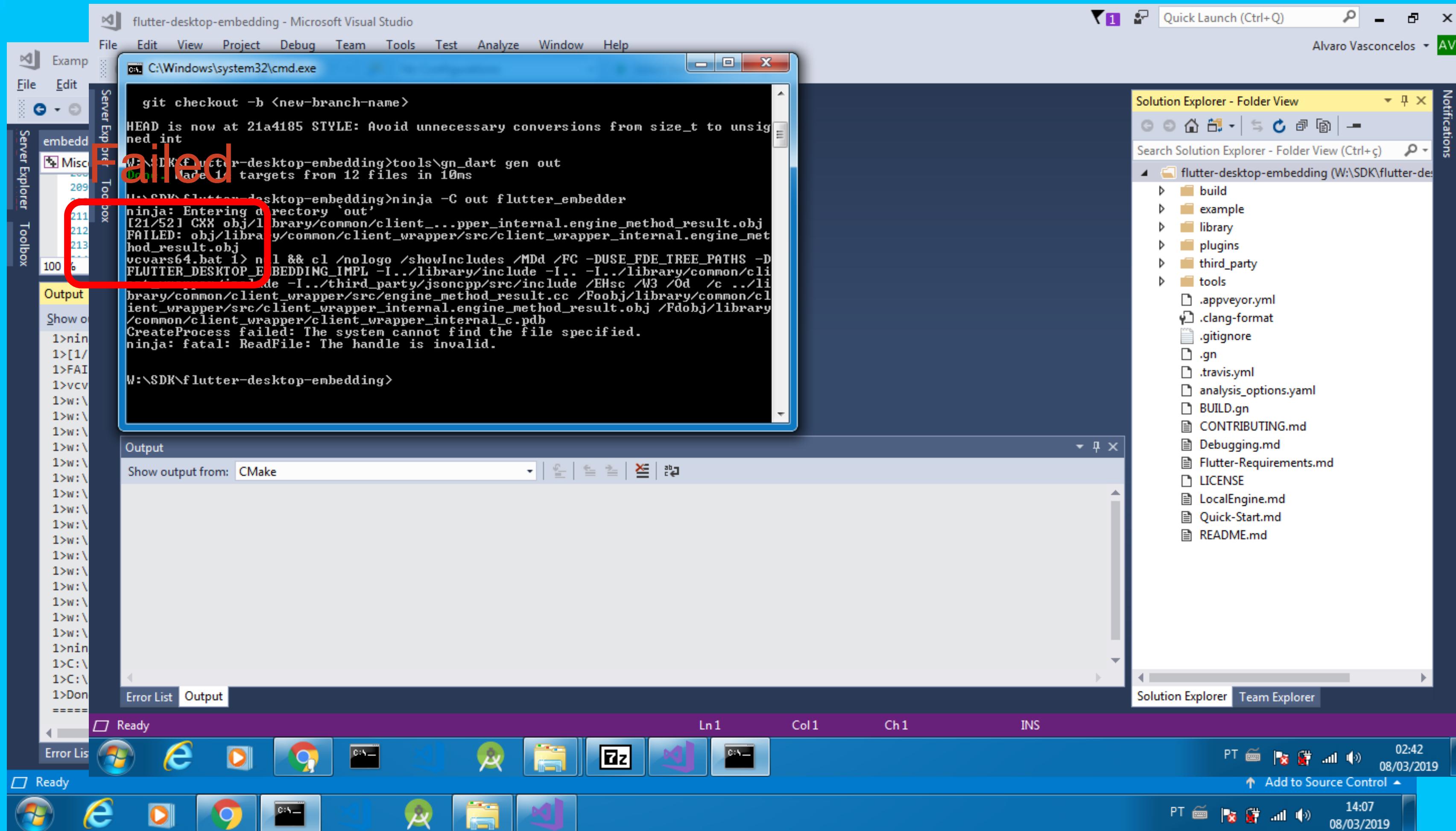
Flutter Desktop - Instalação

- Git: `$git clone https://github.com/google/flutter-desktop-embedding`
- Ninja-Build
- GN
- Visual Studio 2017: “ Desktop development with C++” instalado
- Flutter SDK: Channel “Master” Atualizado

Flutter Desktop - Instalação

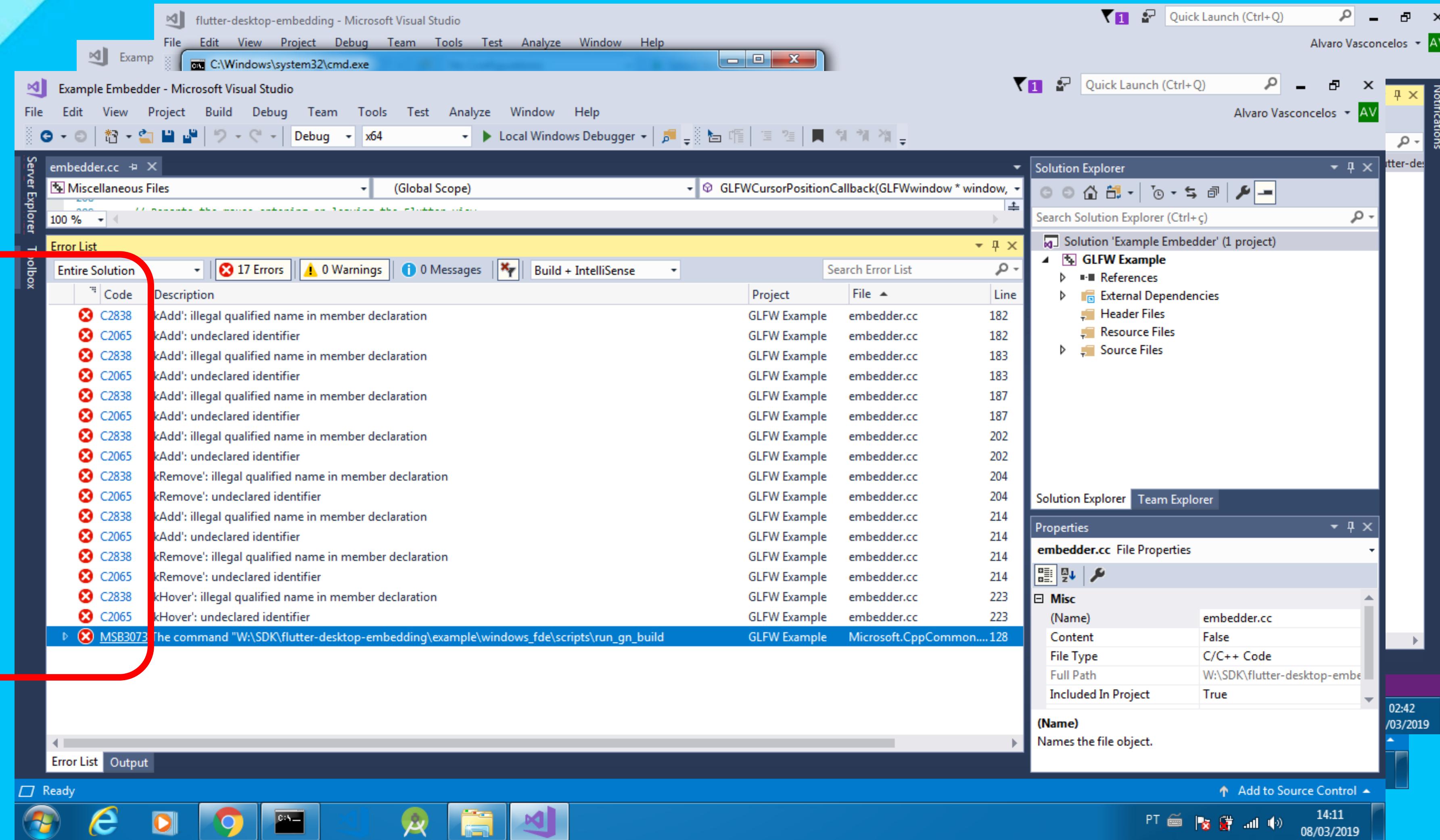


Flutter Desktop - Instalação



Flutter Desktop - Instalação

Failed





Flutter Desktop - Instalação



Failed

Failed

Failed

Failed

Failed

Failed

Failed

Failed

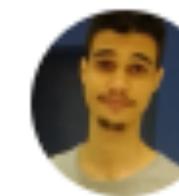
Failed

Failed

Flutter Desktop - Instalação



Flutter Desktop no Windows



Alvaro Vasconcelos in Flutterando

[Follow](#)

Mar 9 · 3 min read

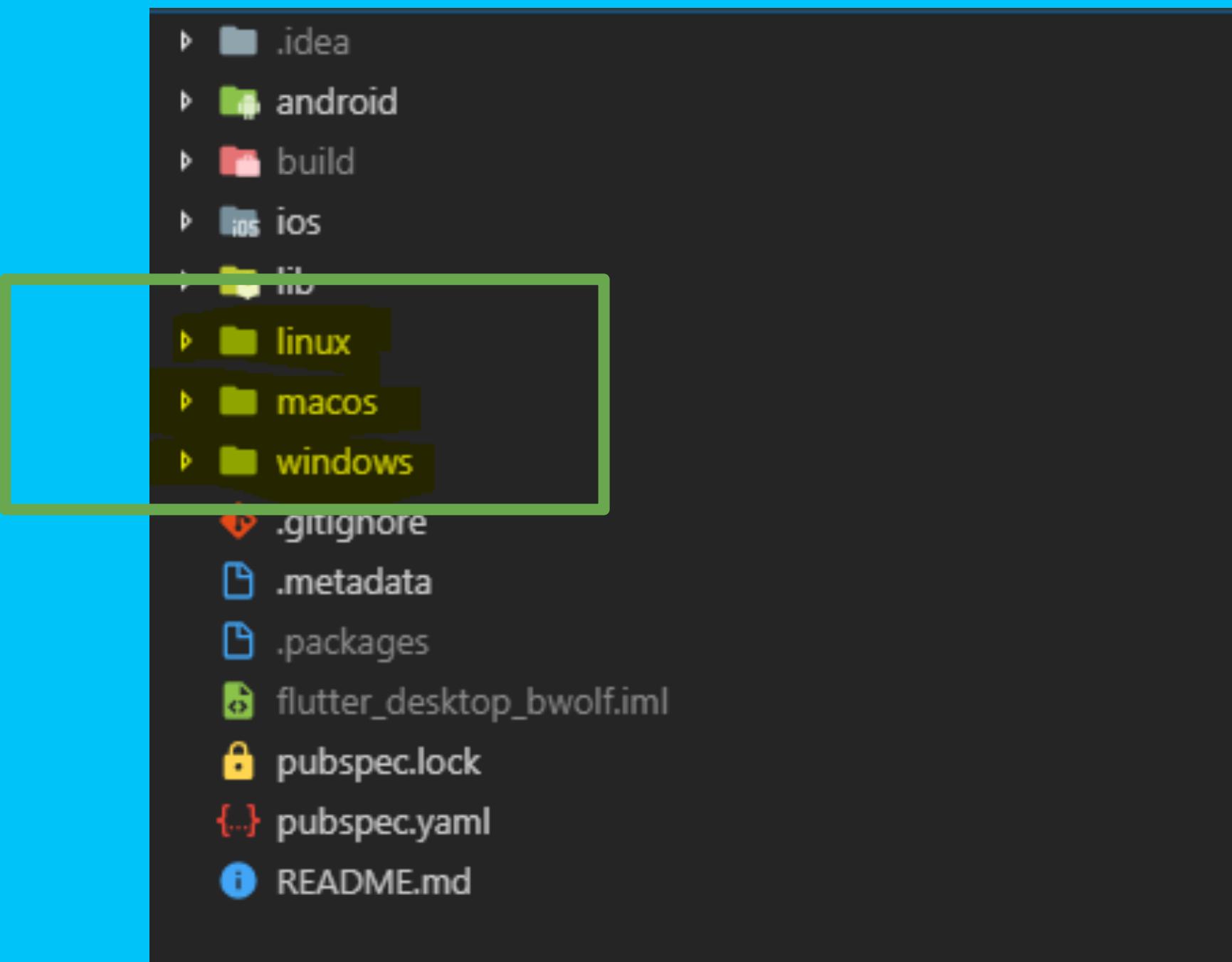
Flutter Desktop V2?

Finalmente uma nova
versão saiu.. E muita
coisa mudou.

Desktop V2

- Git: \$git clone <https://github.com/google/flutter-desktop-embedding>
- Ninja-Build
- GN
- Visual Studio 2017: “ Desktop development with C++” instalado
- Flutter SDK: Channel “Master” Atualizado
- Variavel de Ambiente: ENABLE_FLUTTER_DESKTOP = True

Desktop V2



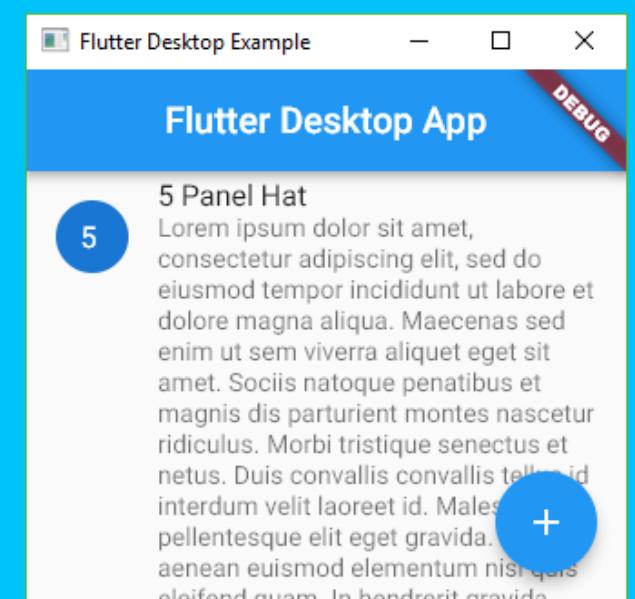
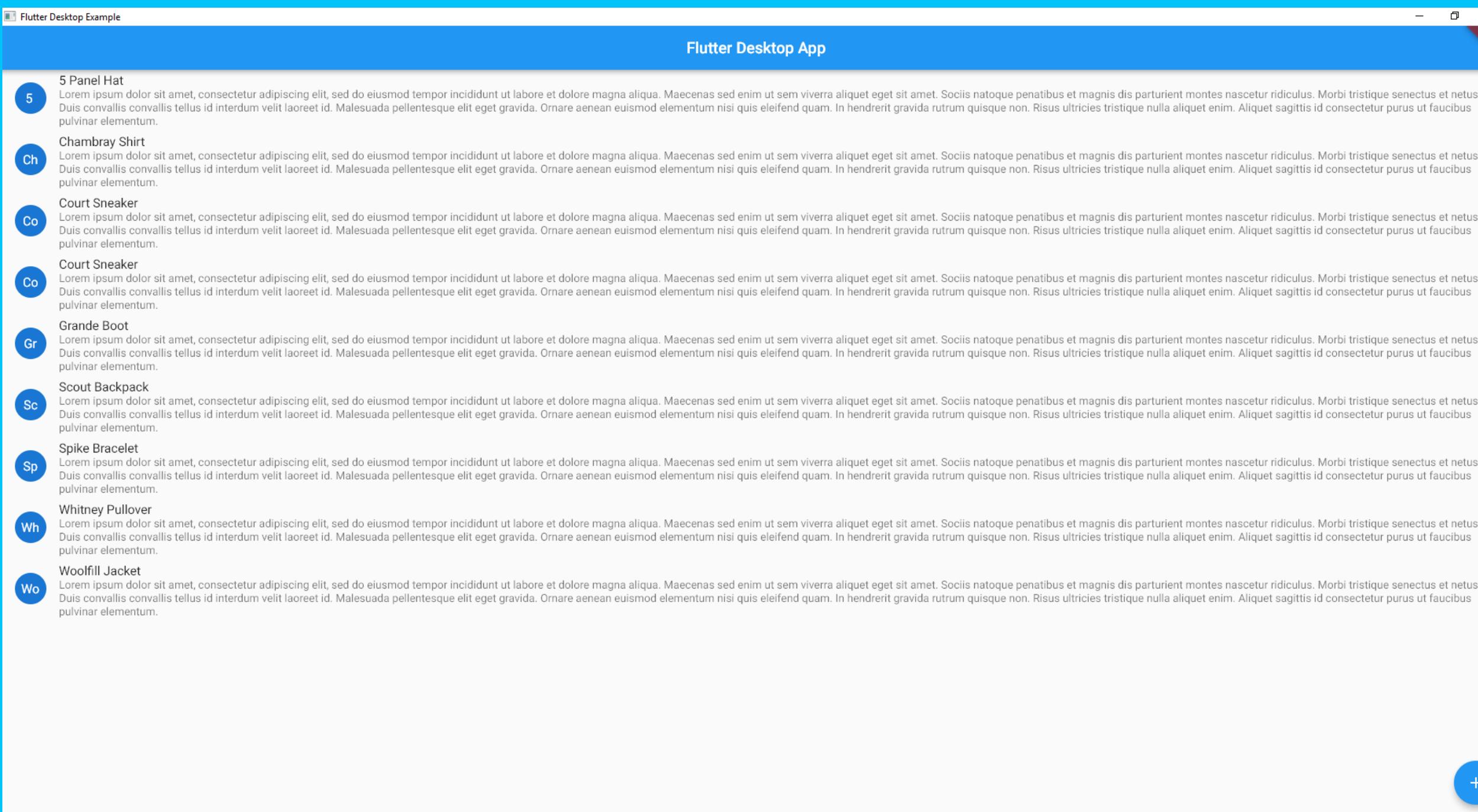
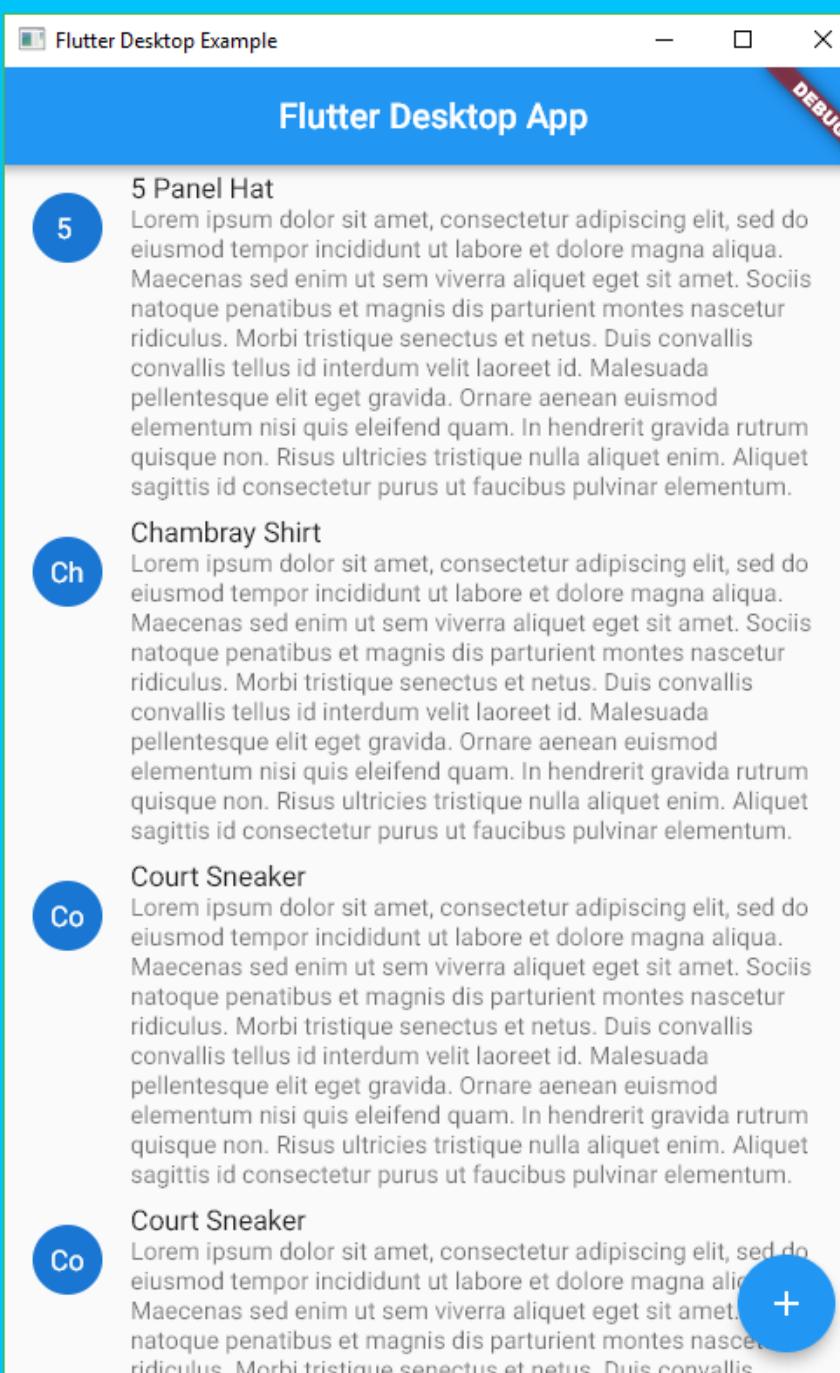
Desktop V2

```
import 'package:flutter/material.dart';
import 'package:flutter_desktop_flutter_talks/src/app_module.dart';

import 'package:flutter/foundation.dart' show debugDefaultTargetPlatformOverride;

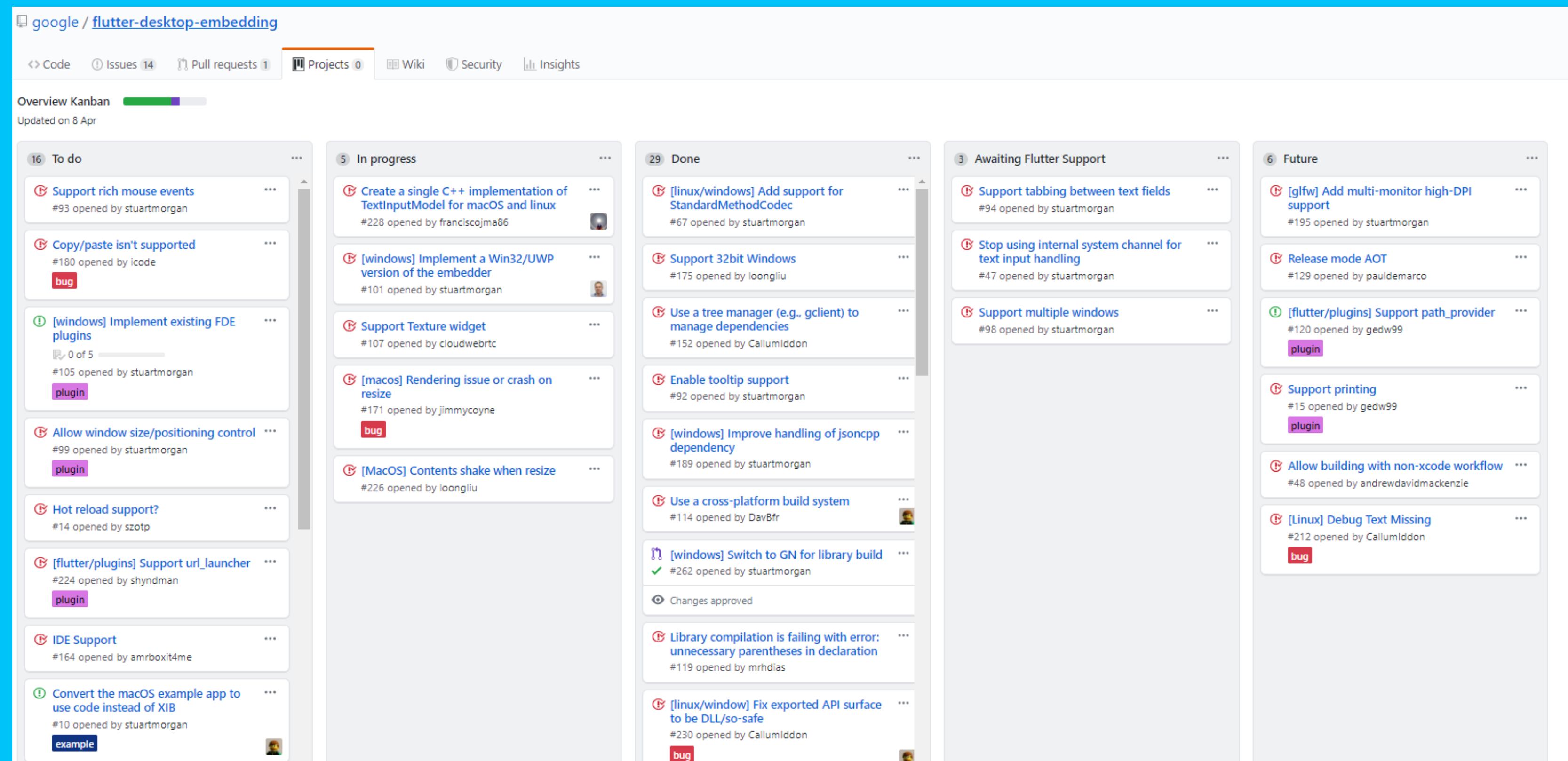
void main() {
  debugDefaultTargetPlatformOverride = TargetPlatform.fuchsia;
  runApp(new AppModule());
}
```

Desktop V2





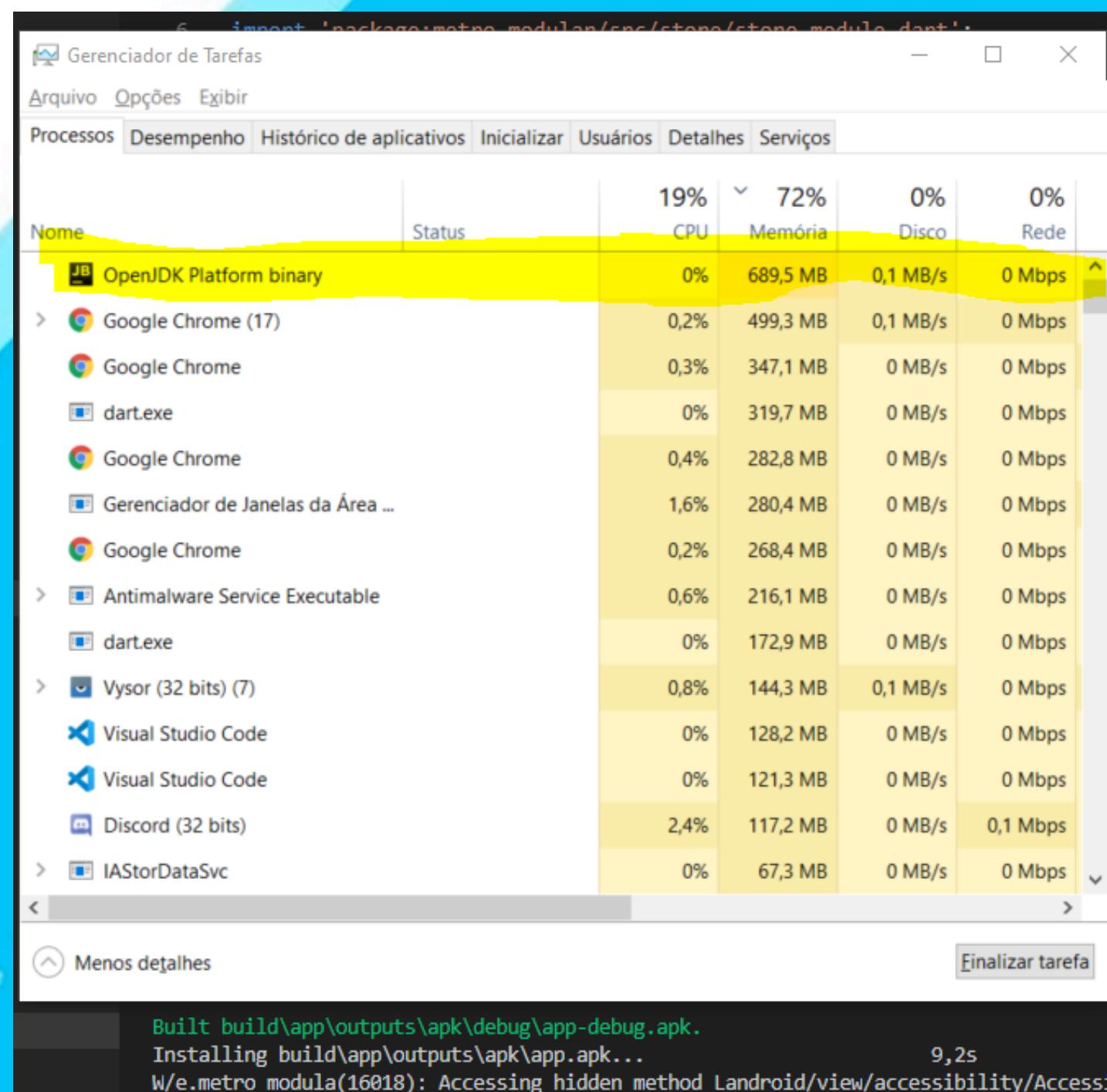
Esperança no fim do túnel



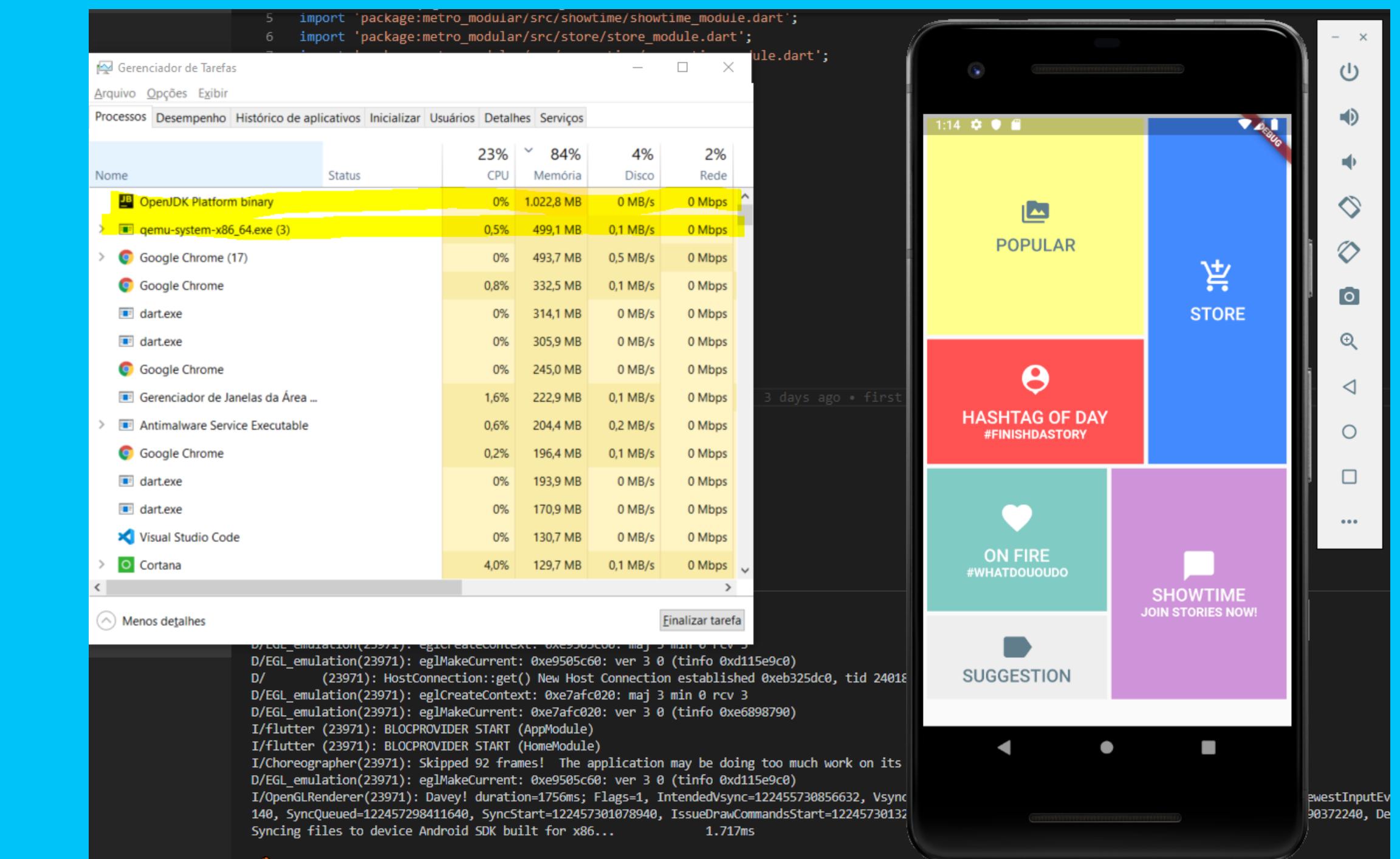
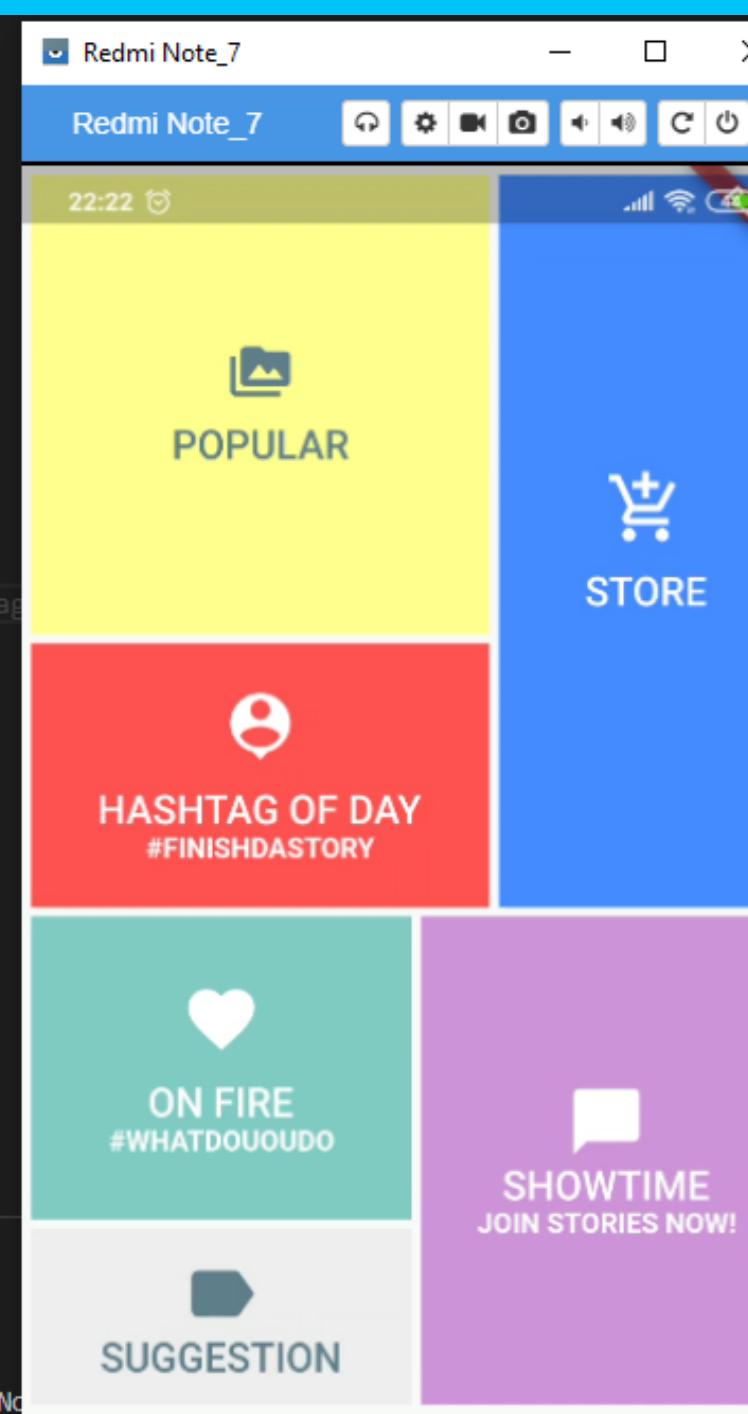
Vale a pena?

Porque eu deveria usar o Flutter
Desktop se eu meu app não vai rodar no
Desktop?

Leveza

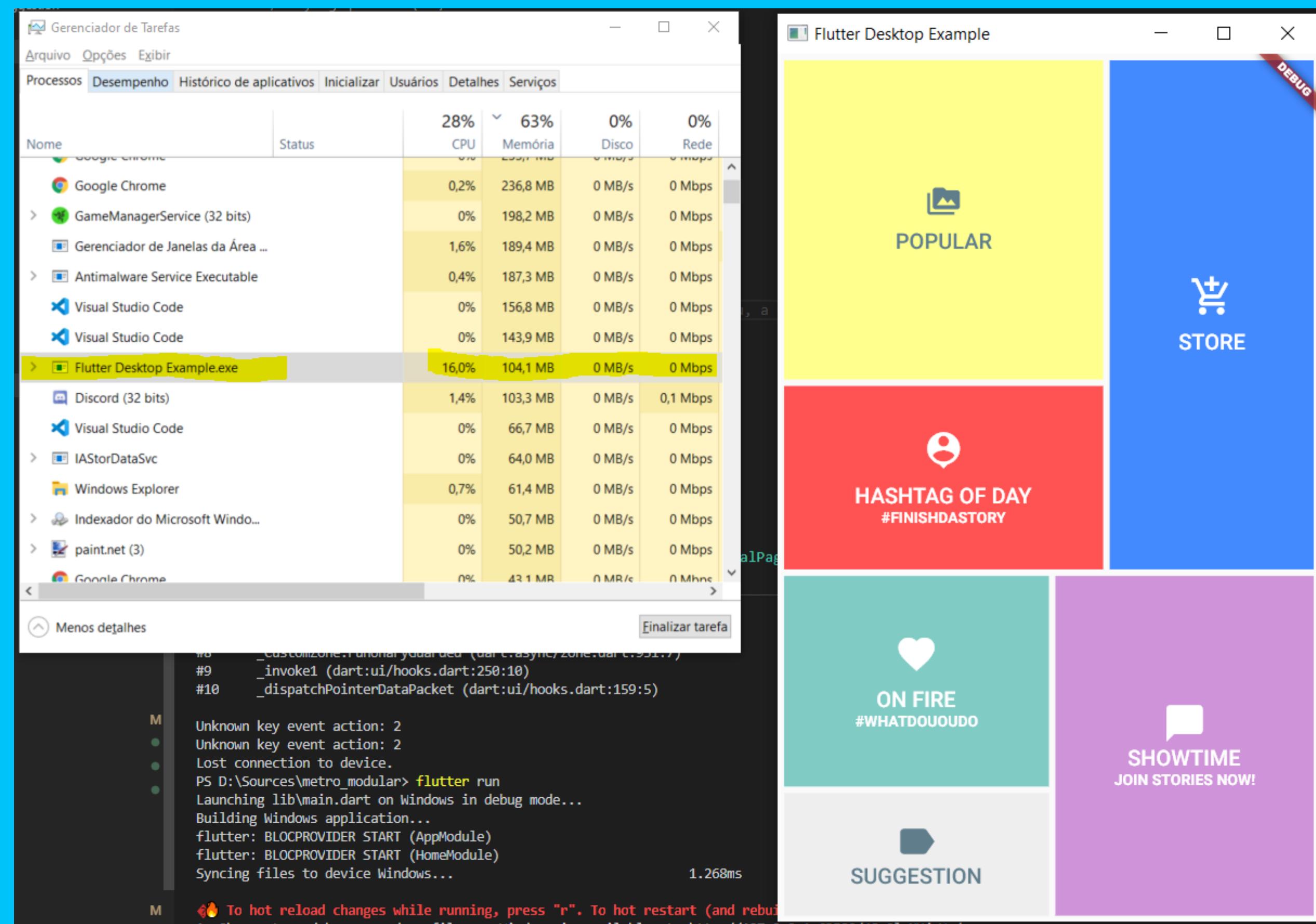


689MB



1500MB

Ótima opção comparada ao Emulador do Android, muito mais LEVE



100MB

Flutter Desktop

E não vai ficar estranho rodar Flutter no
Desktop?

Login

Please fill in your basic infos

 Username

0/30

 Password

0/30

LOGIN

[Forgot Password?](#)

Sign up Now

Cum sociis natoque penatibus et. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni. Construction.

REGISTER NOW

Charts



Bwolf
Bwolfnoob@gmail.com

Agenda Financeira

Fluxo de Caixa

Orçamentos

Processo de Compra

Processo Comercial

Processo de Manufatura

Processor CR/CP

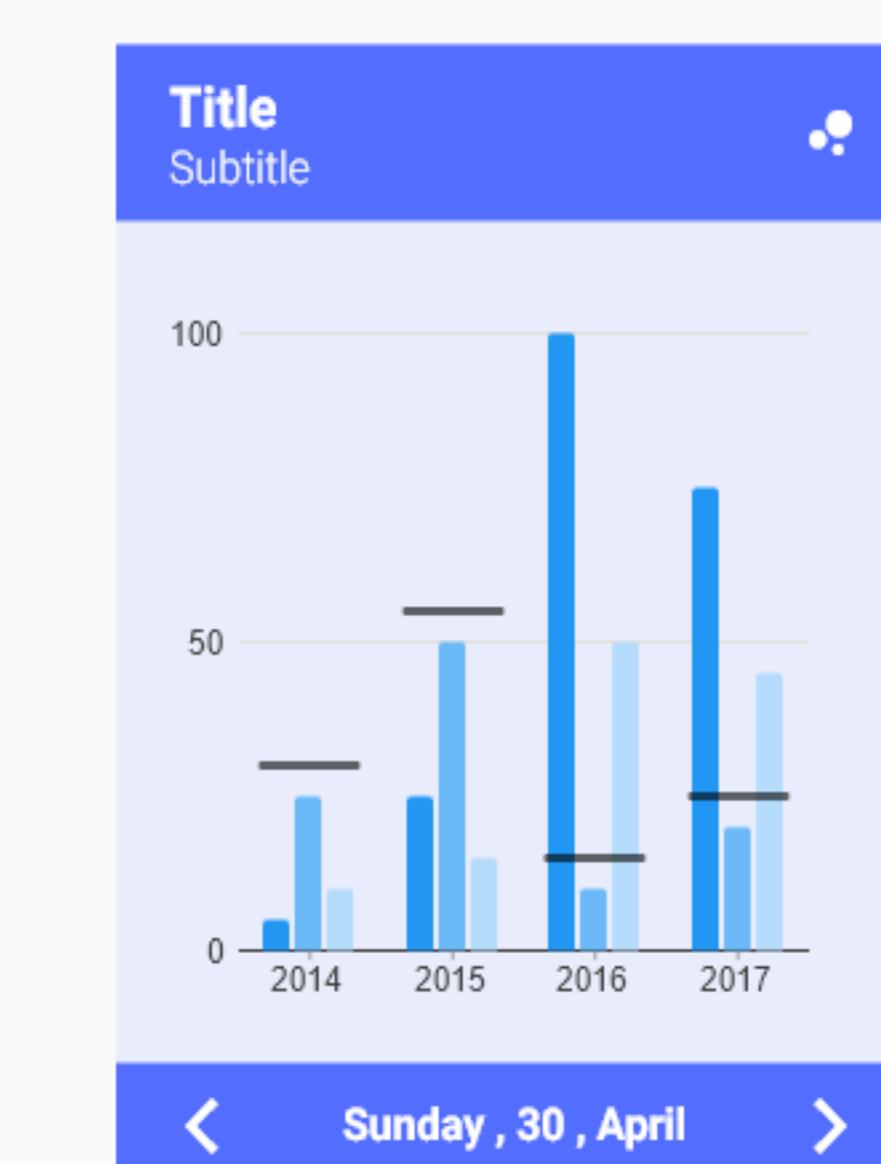
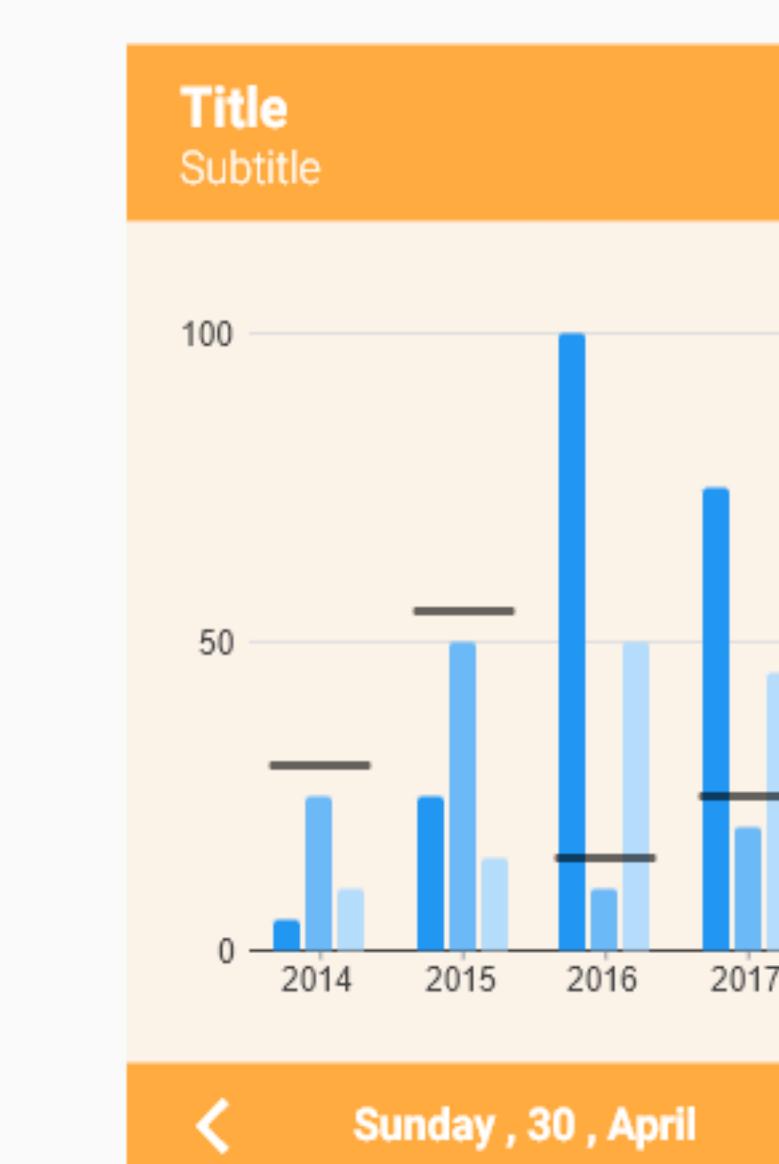
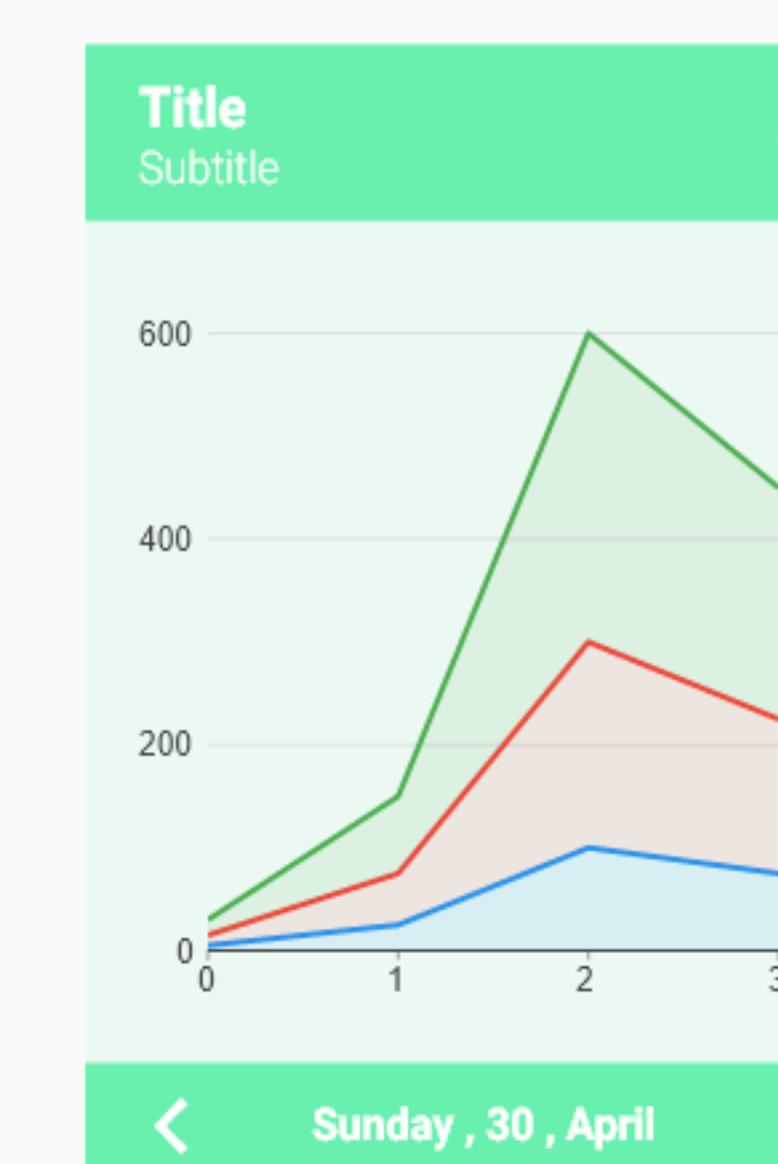
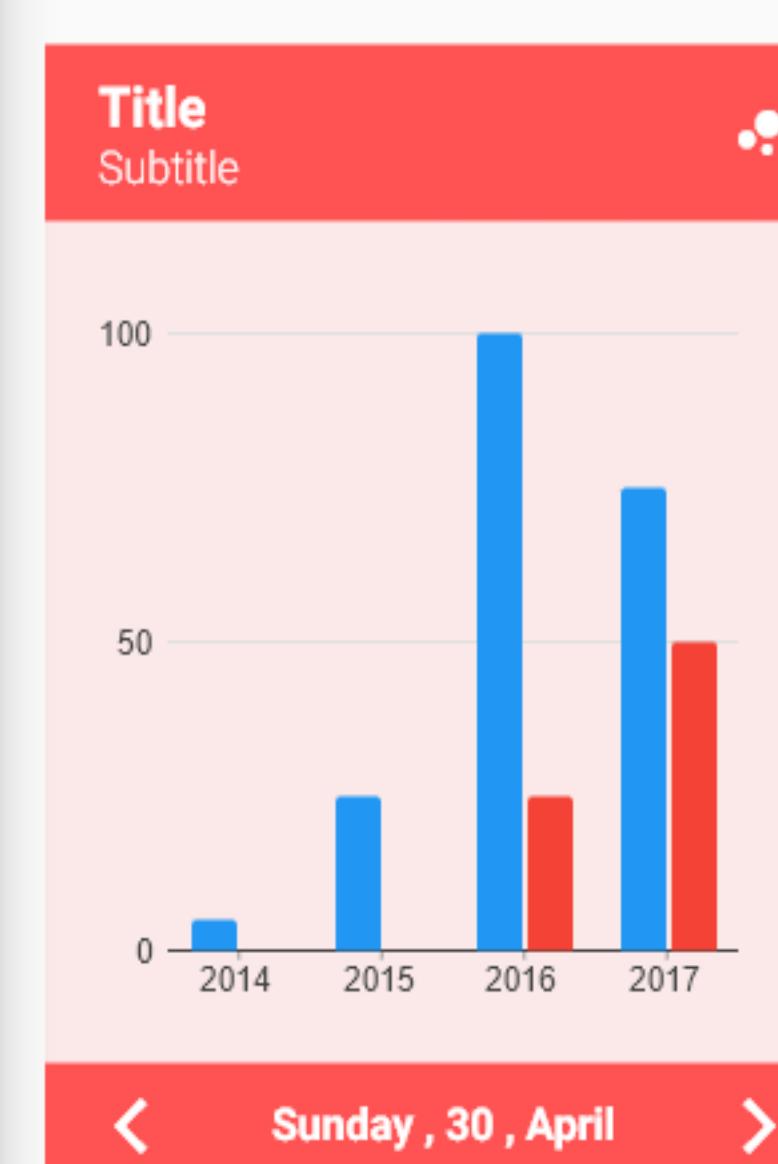
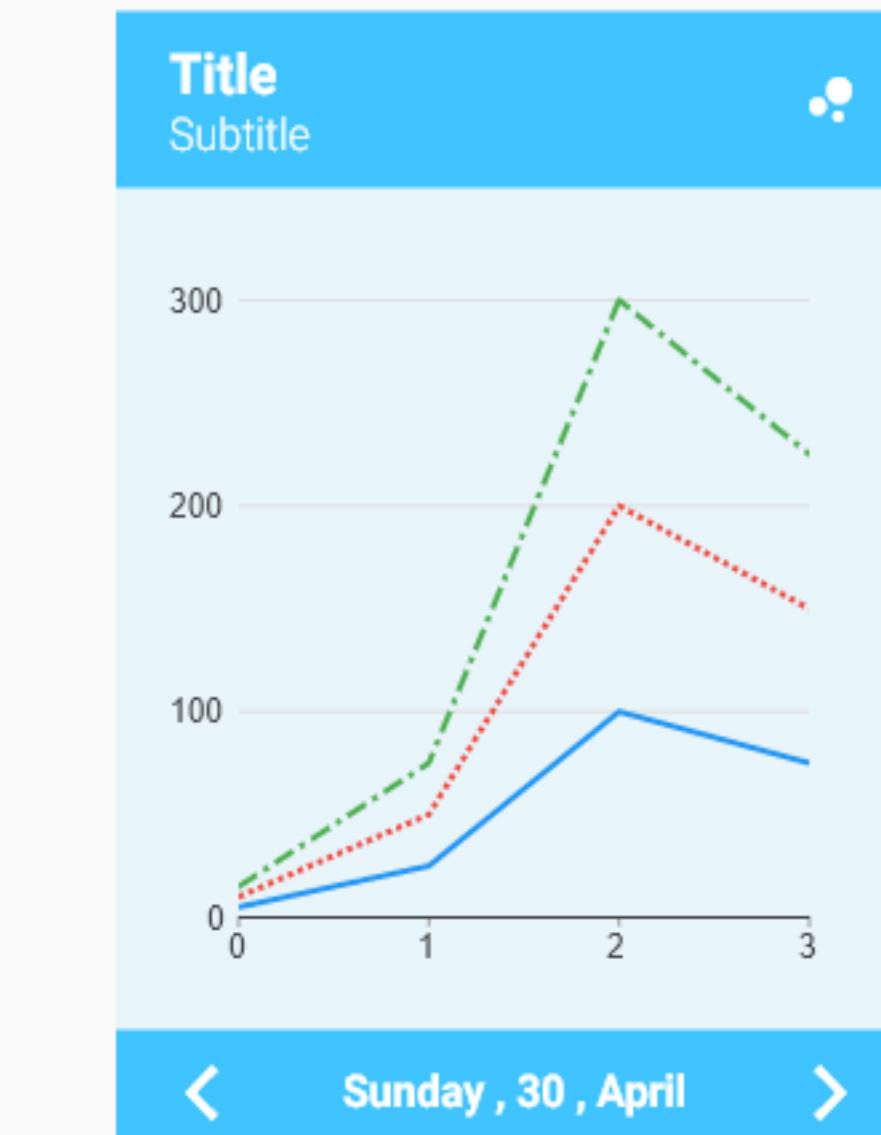
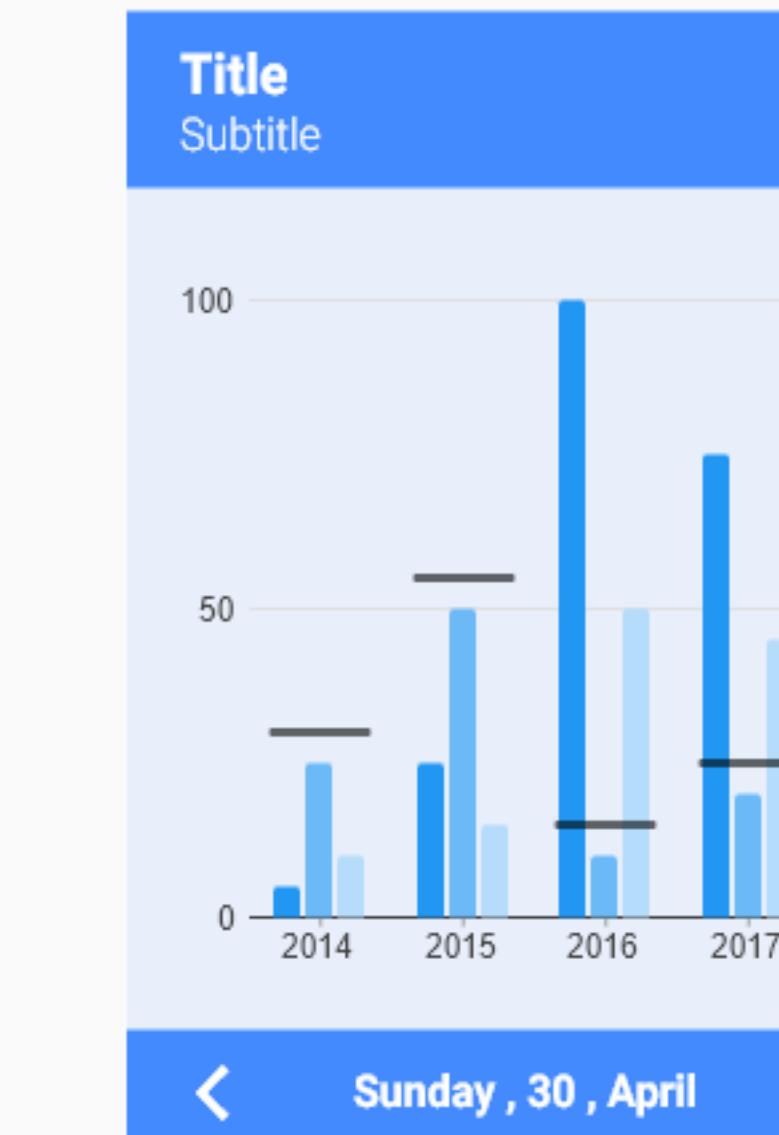
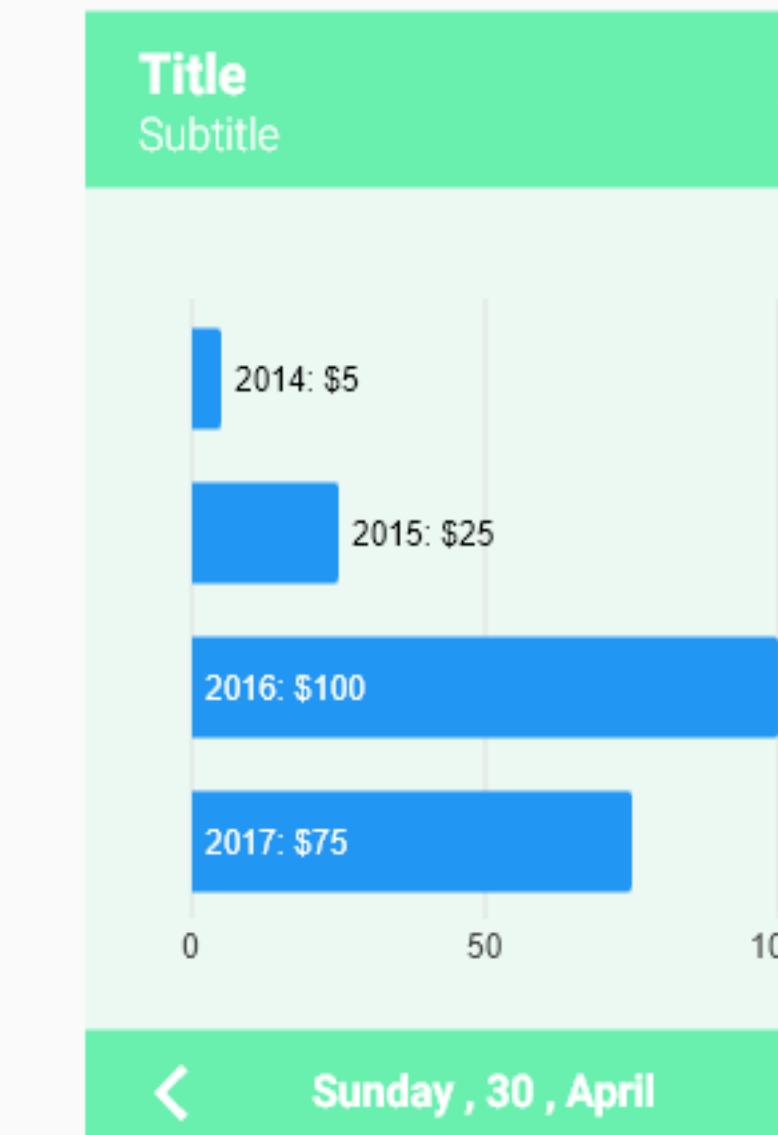
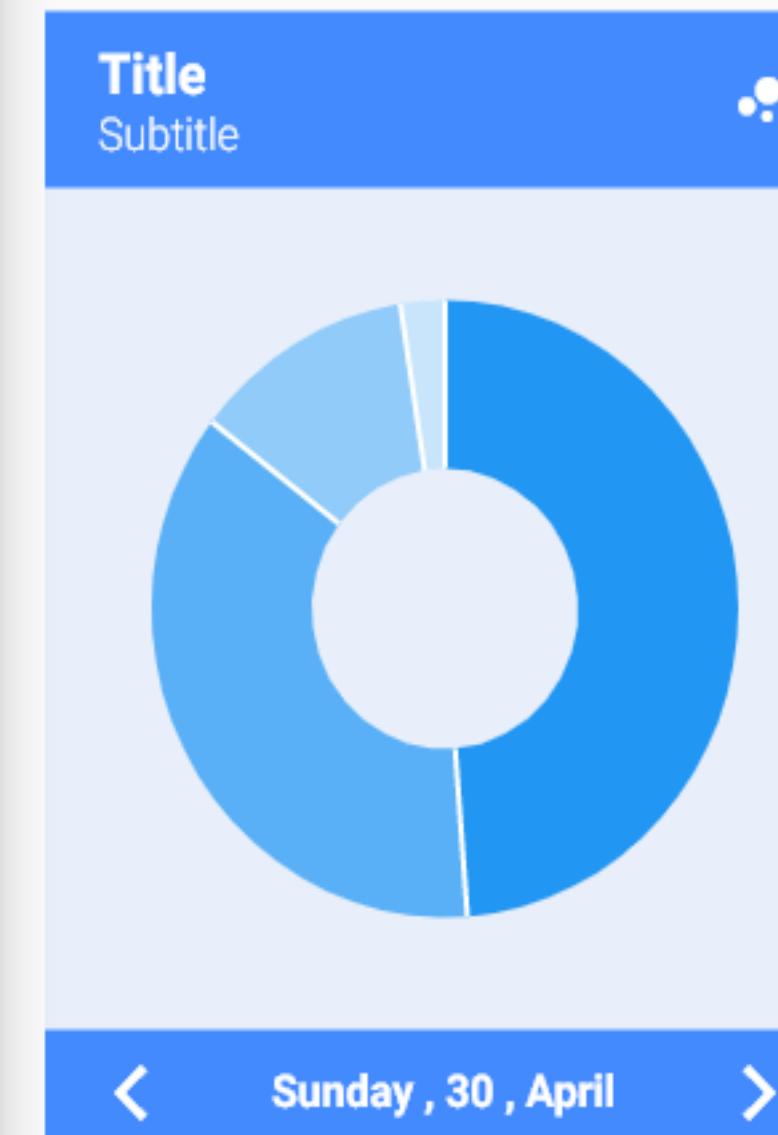
Processor Tesouraria

Help

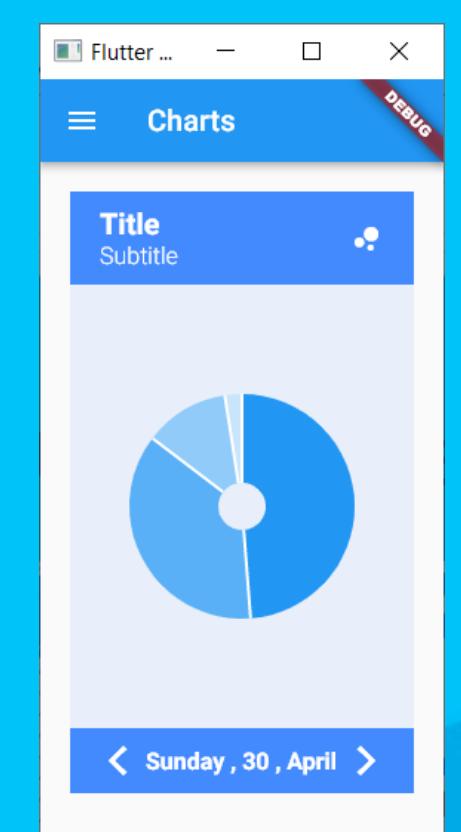
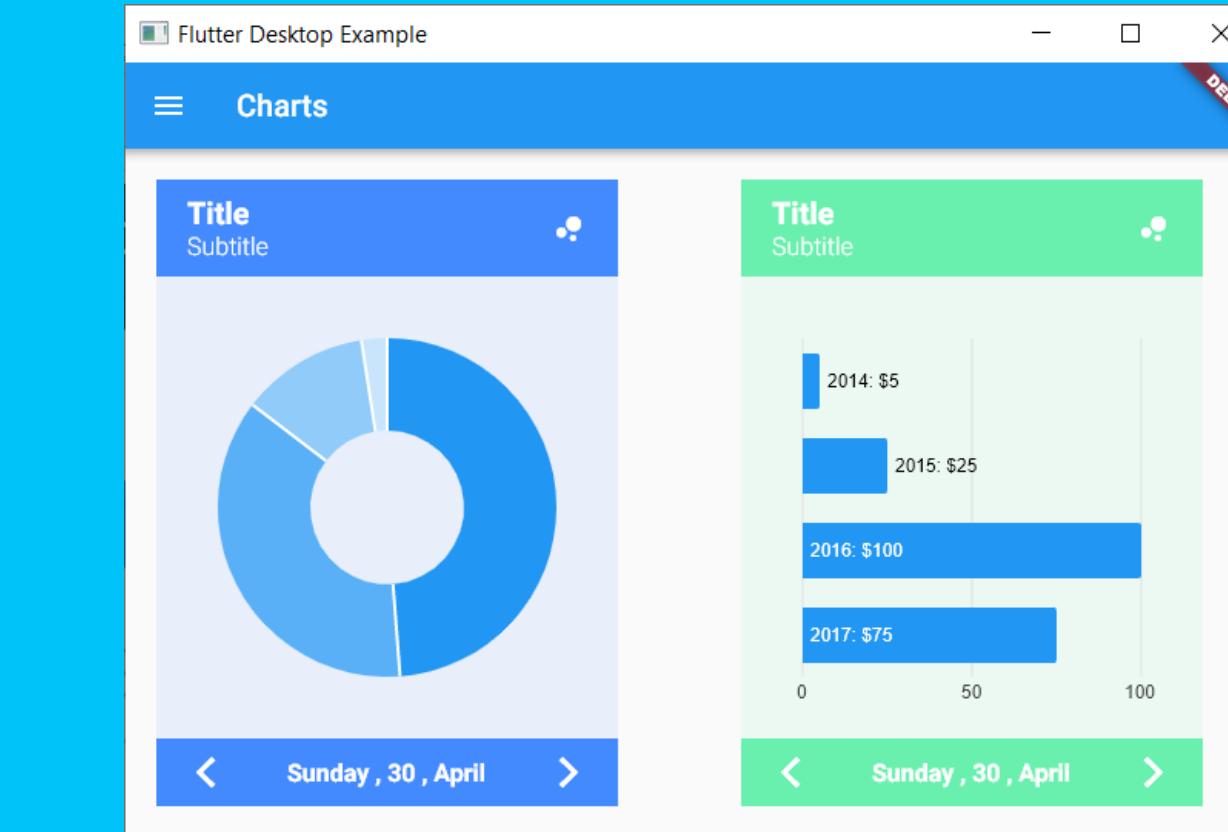
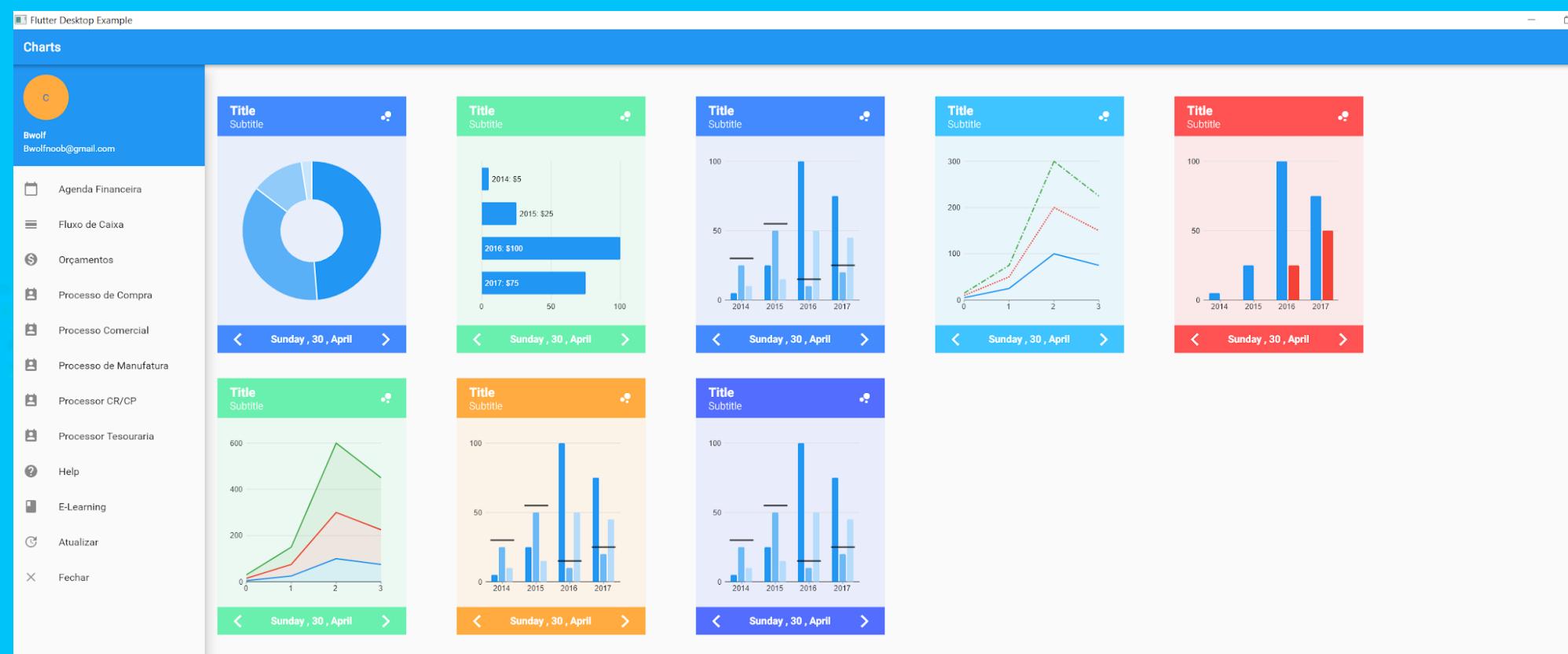
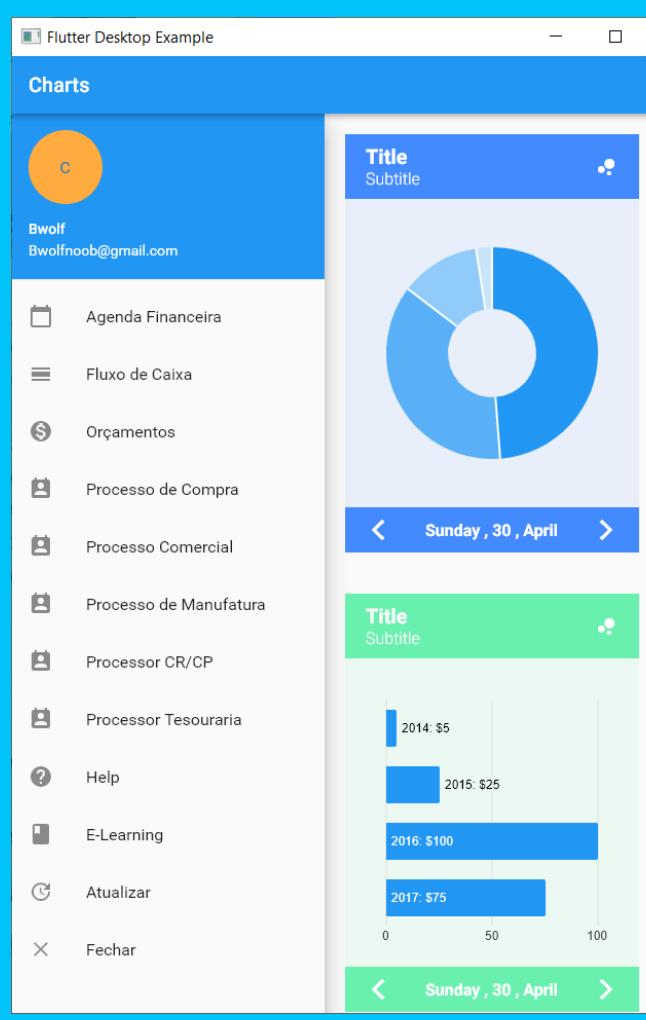
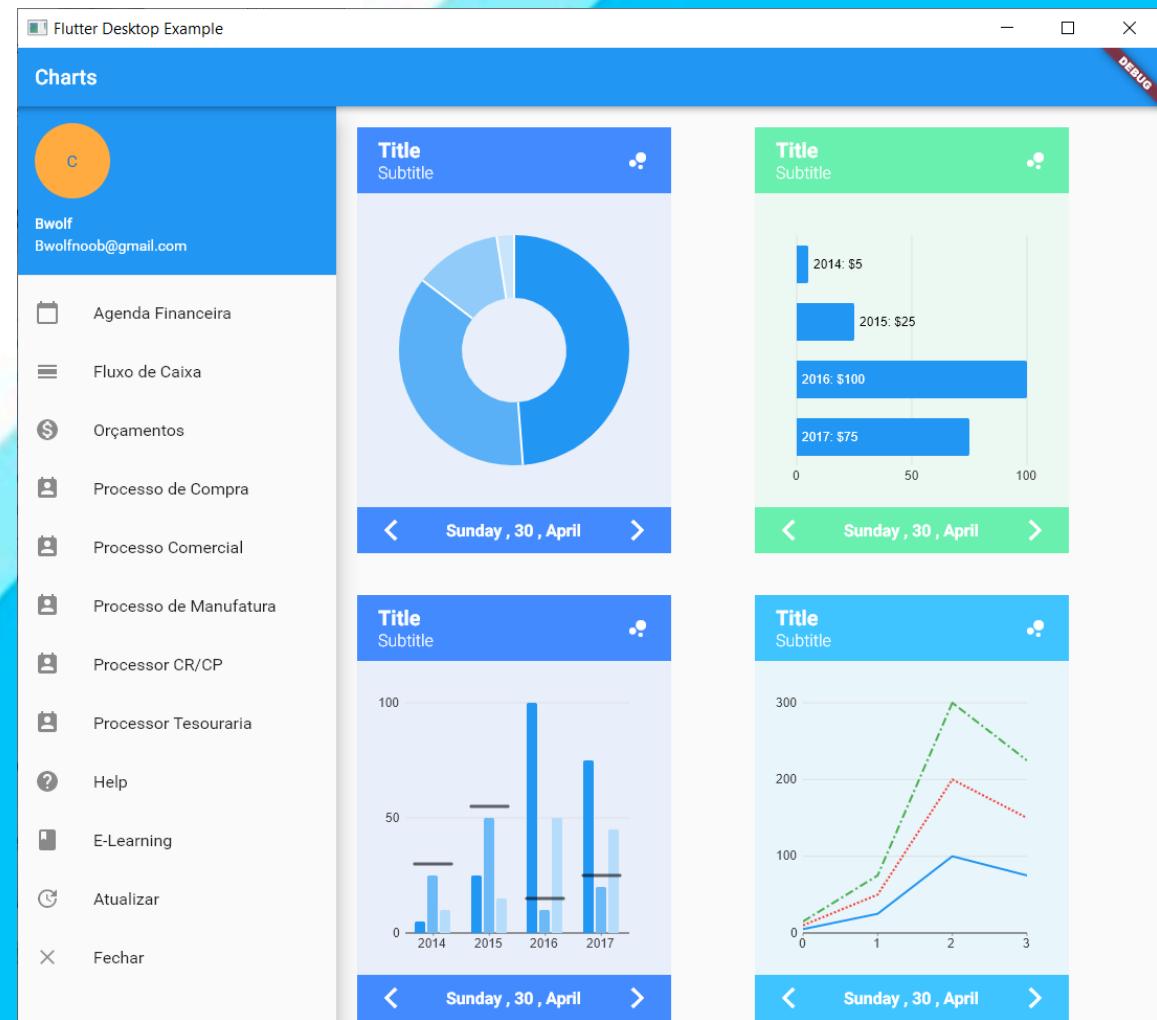
E-Learning

Atualizar

Fechar

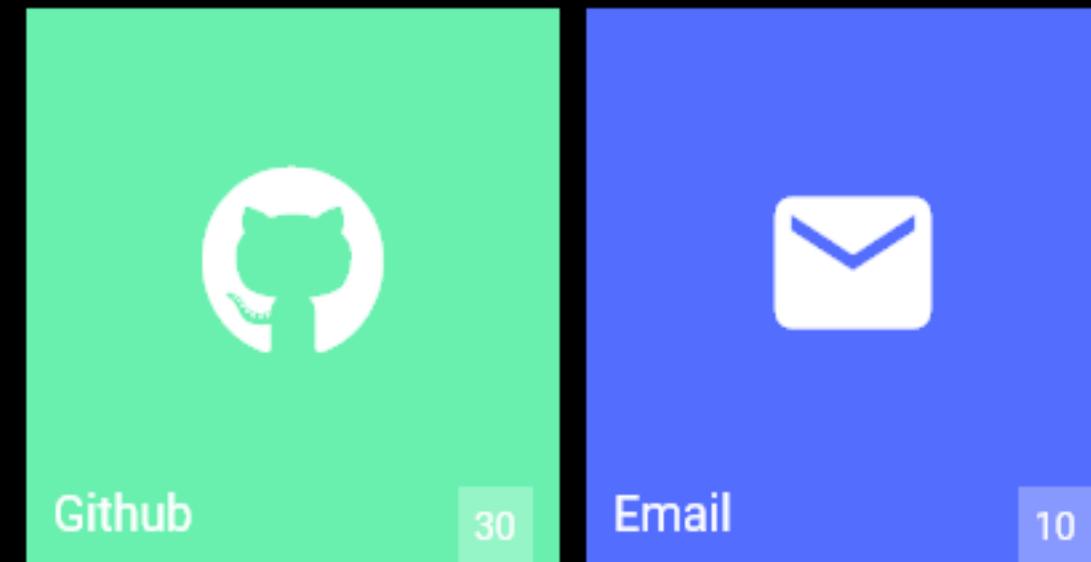


Responsividade



Start

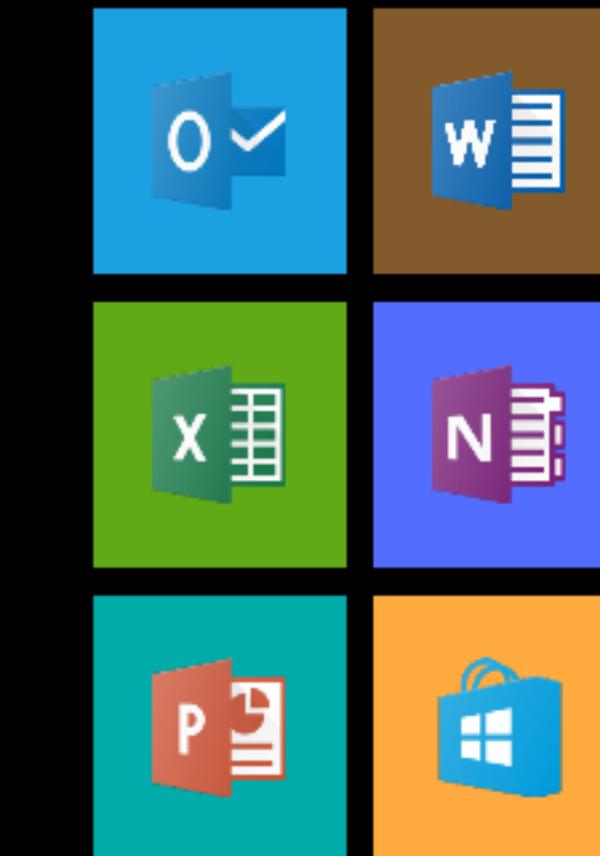
General



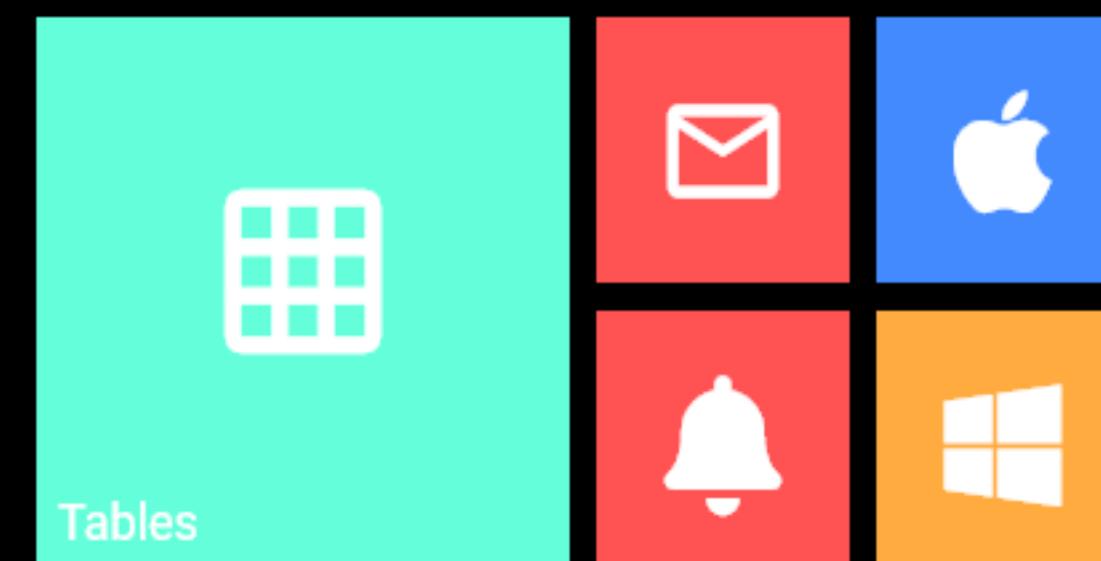
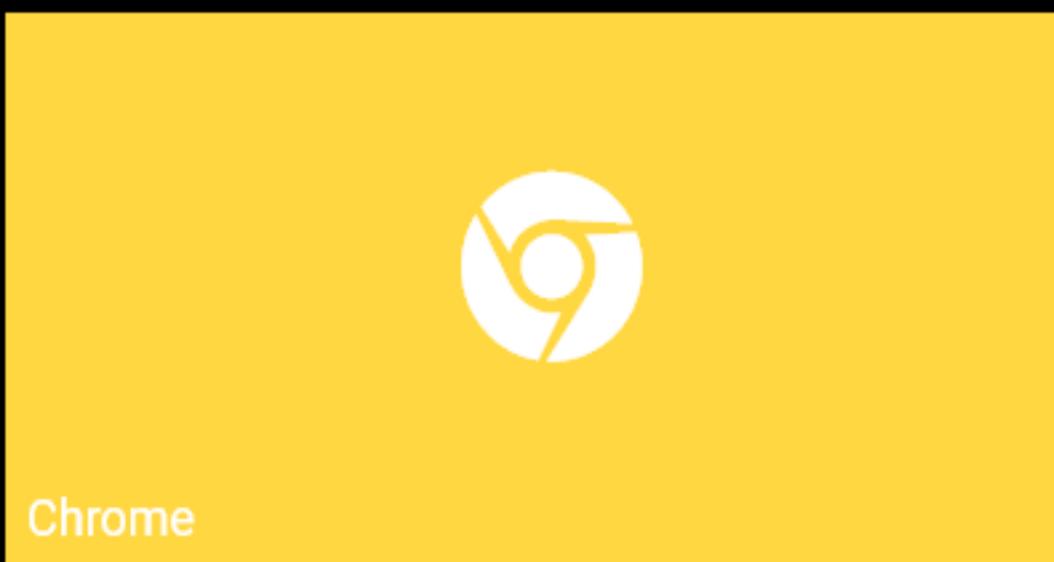
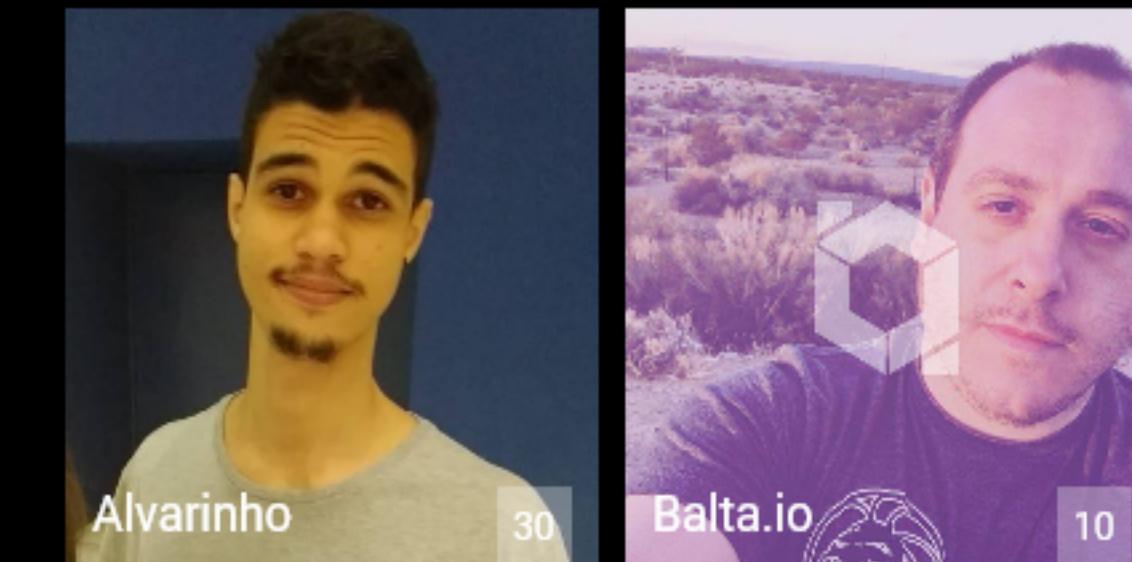
Galery



Office



Best Moments



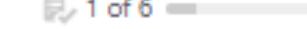
A black and white photograph of a man in a blue shirt holding a newspaper. He is looking directly at the camera with a wide, toothy smile. His eyes are closed or heavily shadowed. In the background, there are other people and what appears to be a stadium or arena setting.

ELES TÃO DEIXANDO

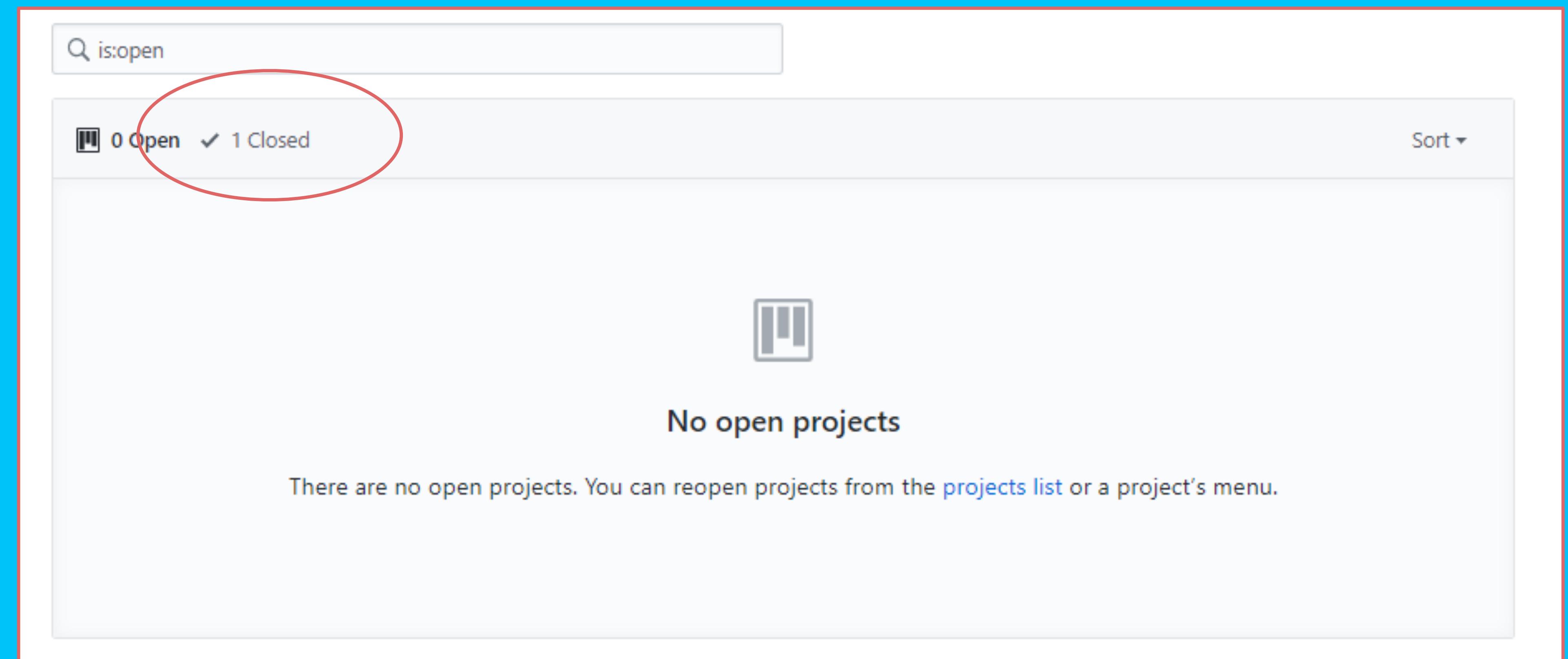
A GENTE SONHAR

Tudo são Flores?

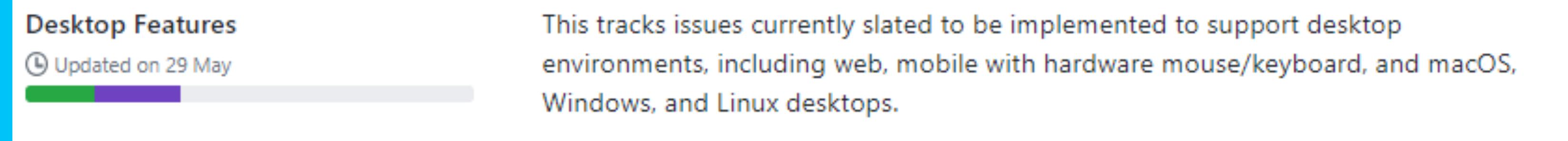
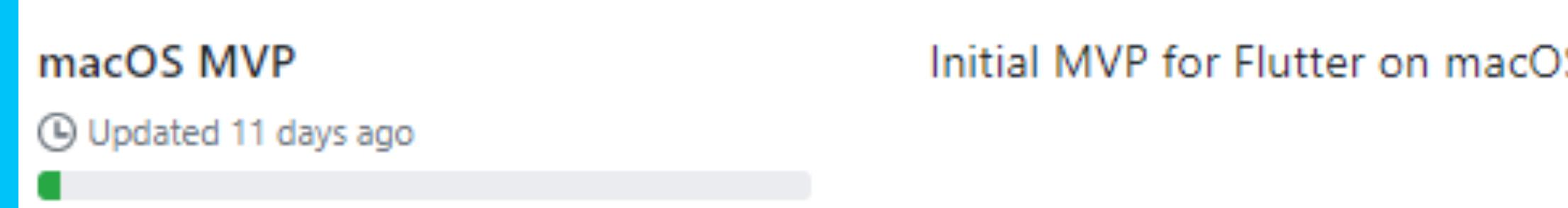
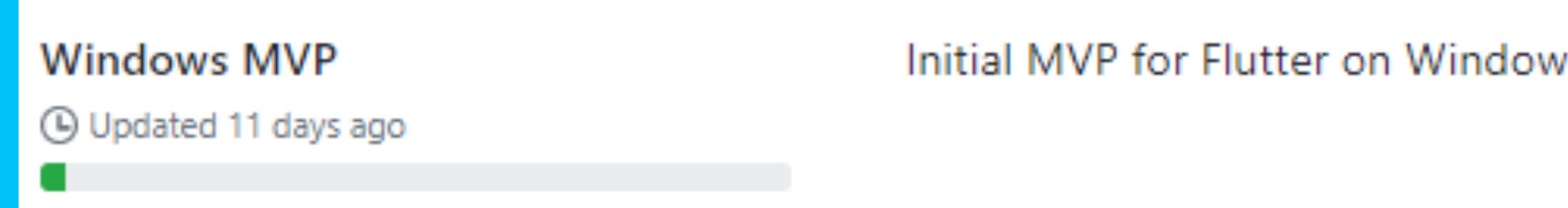
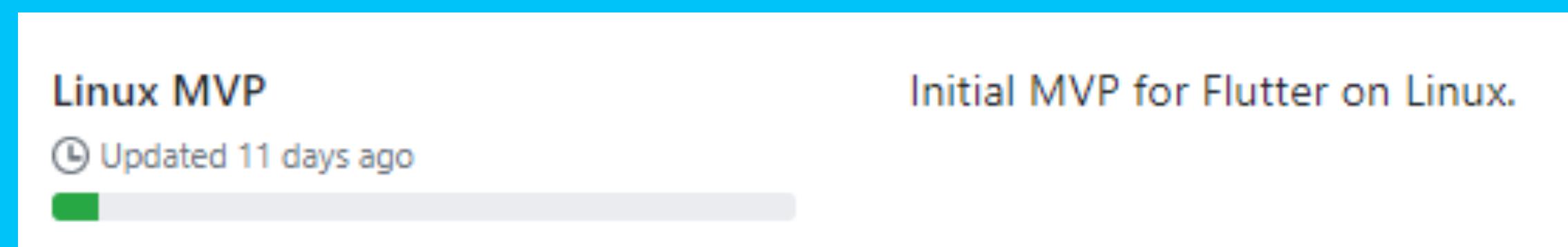
Overview Kanban  Closed Updated on 8 Apr

16 To do	5 In progress	29 Done	3 Awaiting Flutter Support	6 Future
Support rich mouse events #93 opened by stuartmorgan	Create a single C++ implementation of TextInputModel for macOS and linux #228 opened by franciscojma86	[linux/windows] Add support for StandardMethodCodec #67 opened by stuartmorgan	Support tabbing between text fields #94 opened by stuartmorgan	[glfw] Add multi-monitor high-DPI support #195 opened by stuartmorgan
Copy/paste isn't supported #180 opened by icode bug	[windows] Implement a Win32/UWP version of the embedder #101 opened by stuartmorgan	Support 32bit Windows #175 opened by loongliu	Stop using internal system channel for text input handling #47 opened by stuartmorgan	Release mode AOT #129 opened by pauldemarco
[windows] Implement existing FDE plugins  #105 opened by stuartmorgan plugin	Support Texture widget #107 opened by cloudwebrtc	Use a tree manager (e.g., gclient) to manage dependencies #152 opened by Callumlddon	Support multiple windows #98 opened by stuartmorgan	[flutter/plugins] Support path_provider #120 opened by ghost plugin
Allow window size/positioning control #99 opened by stuartmorgan plugin	[macos] Rendering issue or crash on resize #171 opened by jimmycoyne bug	Enable tooltip support #92 opened by stuartmorgan	Support printing #15 opened by ghost plugin	Allow building with non-xcode workflow #48 opened by andrewdavidmackenzie
Hot reload support? #14 opened by szotp	[MacOS] Contents shake when resize #226 opened by loongliu	[windows] Improve handling of jsoncpp dependency #189 opened by stuartmorgan	[Linux] Debug Text Missing #212 opened by Callumlddon bug	
[flutter/plugins] Support url_launcher  #224 opened by shyndman plugin		Use a cross-platform build system #114 opened by DavBfr		
IDE Support #164 opened by amrboxit4me		[windows] Switch to GN for library build  #262 opened by stuartmorgan		
Convert the macOS example app to use code instead of XIB #10 opened by stuartmorgan example		Changes approved		
Support drag and drop #97 opened by stuartmorgan		Library compilation is failing with error: unnecessary parentheses in declaration #119 opened by mrhdias		
Add a clipboard plugin #96 opened by stuartmorgan		[linux/window] Fix exported API surface to be DLL/so-safe #230 opened by Callumlddon bug		
		[macos] Color panel plugin shows incorrect error handling logic #231 opened by stuartmorgan		

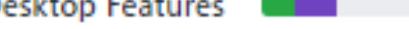
Tudo são Flores?



O que esperar?



Desktop Features

Desktop Features  Updated on 29 May

To do (17)

- Game controller and DPAD navigation should work #31957 opened by gspencergoog a: desktop customer: fun (g3) severe: customer crit... severe: new feature
- Would like "next" form behavior in Keyboard #11344 opened by eseidelGoogle a: desktop a: text input customer: posse (eap) f: material design framework severe: customer crit... severe: new feature
- Menu bar support #23600 opened by gspencergoog a: desktop customer: fuchsia framework severe: new feature ● platform-chromeb...
- Support for scrollables with keyboard bindings #31956 opened by gspencergoog a: desktop severe: new feature
- Raw Keyboard Events should be implemented on iOS #31945 opened by gspencergoog a: desktop a: text input engine
- Need a way to send synchronous keyboard events from embedder to Dart and get a response. #33521 opened by gspencergoog a: desktop e: desktop

In progress (5)

- Focus-based navigation #1608 opened by Hixie a: accessibility a: desktop f: material design framework severe: new feature
- Should support all mouse buttons #23602 opened by gspencergoog customer: fuchsia engine framework severe: new feature
- Users should be able to navigate around the app using keyboard #13264 opened by mehmetf a: accessibility a: desktop a: tablet customer: mulligan (...) engine ● platform-chromeb...
- Keyboard shortcuts and actions should be supported. #31946 opened by gspencergoog a: desktop a: text input severe: new feature
- Add actions and keyboard shortcut map support #33298 opened by gspencergoog a: desktop cla: yes framework

Done (4)

- Mouse Hover Support #5504 opened by dvdwasibi a: desktop customer: fuchsia engine framework severe: new feature waiting for PR to lan... ● platform-chromeb... ○ platform-fuchsia
- Scroll views do not respond to scroll wheel input #16235 opened by billy1380 a: desktop engine f: scrolling framework ● platform-chromeb...
- Allow authors to override focus order for keyboard navigation #1678 opened by Hixie a: accessibility a: desktop f: material design framework severe: new feature
- Support for showing tooltip on mouse hover #22817 opened by volkert framework ● platform-chromeb...

Changes approved

Ainda temos tempo de
palestra?

 Create New Flutter Project X

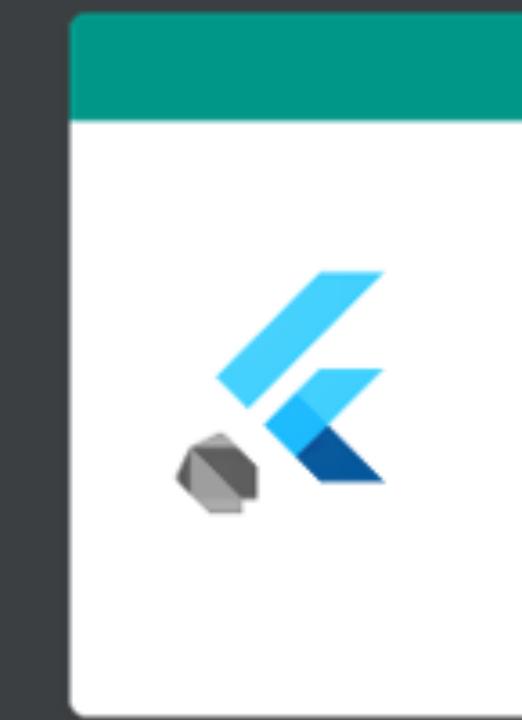
New Flutter Project



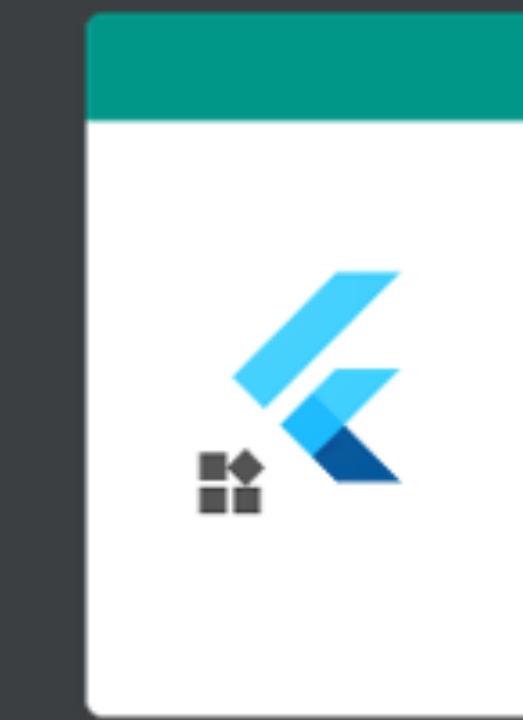
Flutter Application



Flutter Plugin



Flutter Package



Flutter Module

Select an "Application" when building for end users.

Select a "Plugin" when exposing an Android or iOS API for developers.

Select a "Package" when creating a pure Dart component, like a new Widget.

Select a "Module" when creating a Flutter component to add to an Android or iOS app.

Sobre o Palestrante

Vilson Blanco Dauinheimer



 Flutterando

<https://qrco.de/bbElcw>

Tecnólogo - Análise e Desenvolvimento de Sistemas

Experiência - Desenvolvedor a 9 anos. 3 anos com foco em mobile.

Cargo - Co-Founder da Flutterando



Flutter
Talks 2019

Obrigado!