

Flutter 101



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By day...

- Ingegnere del Software
- Backend Developer
- Flutter Developer



By night...

- Flutter enthusiast
- Free Software activist
- Linux User

e voi? 🤔

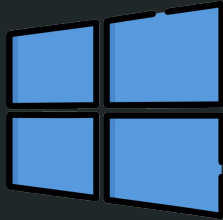
Facciamo il punto

Mobile	Applicazione	Multiplatforma
Classe	Tipo	Libreria
Open Source	Responsive	Adaptive



Framework **open source** di Google per la creazione di
applicazioni multiplatforma compilate in codice
nativo da un'unica base di codice

Applicazioni multiplatforma

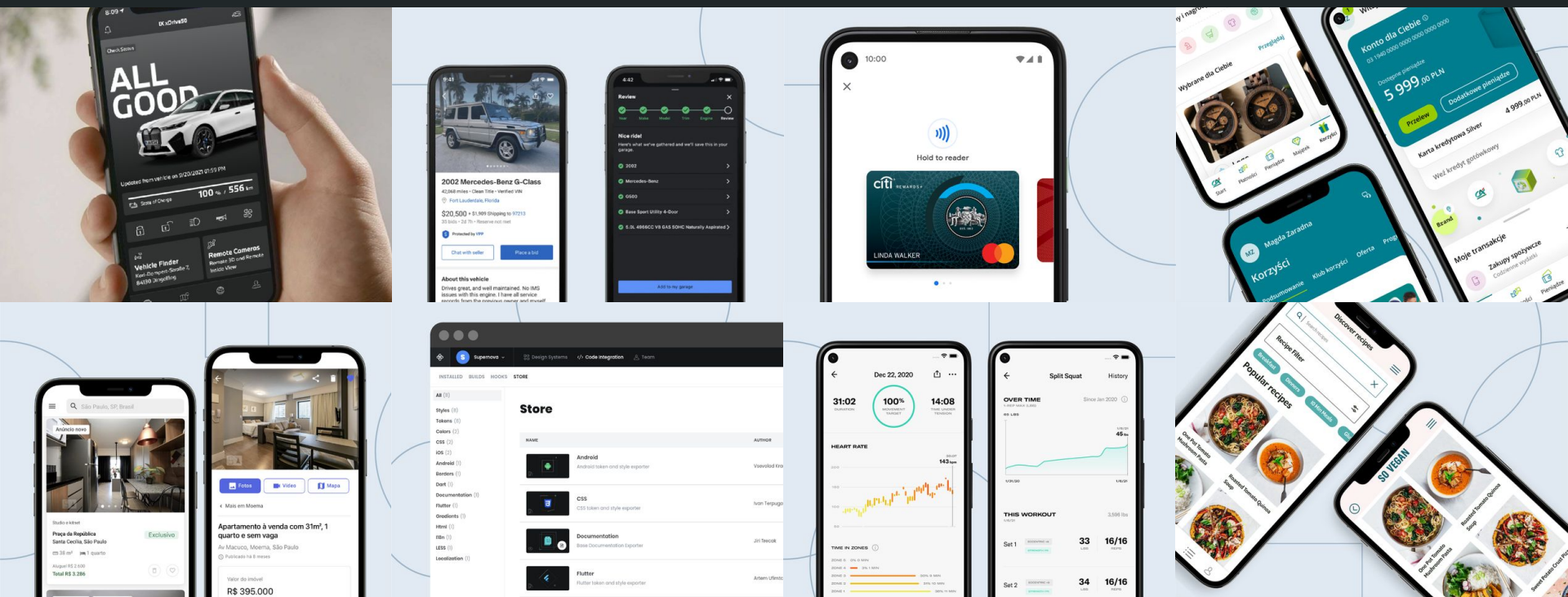


Challenge di sviluppo

- **Molteplici** linguaggi di programmazione
- Implementazione nuove funzionalità
- **Allineamento** funzionalità
- **Coordinamento** tra team
- Risoluzione **bug**
- **Assistenza**

Chi lo usa?

BMW, Google Pay, Alibaba, eBay, Toyota...

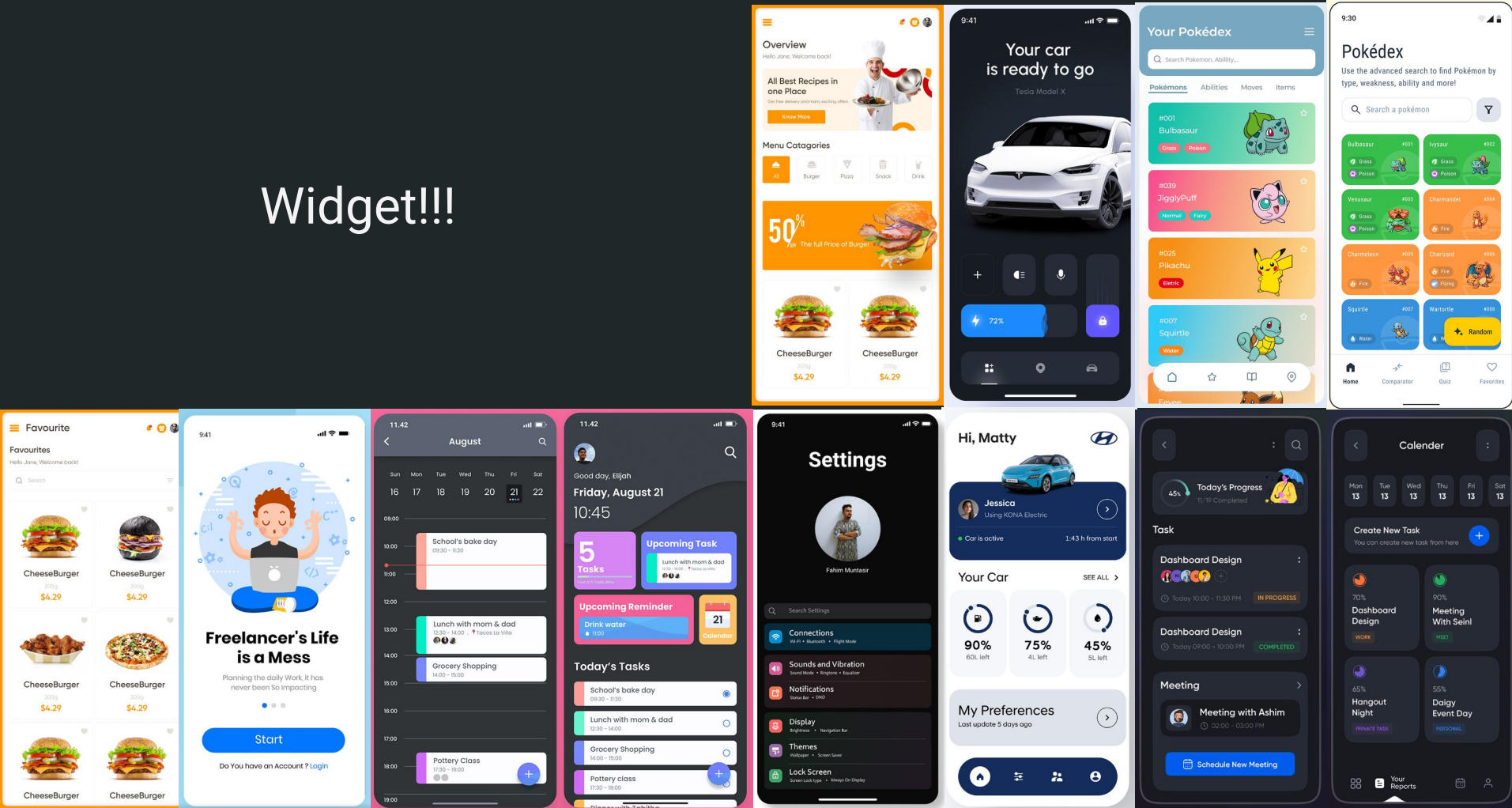


Parole chiave: **Widget**

- **Tutto** è un widget
- **Componibili**
- **Estendibili**
- Più di **215** widget



Widget!!!



Parole chiave: **Hot Reload** 🧙



Parole chiave: Dart 🧐

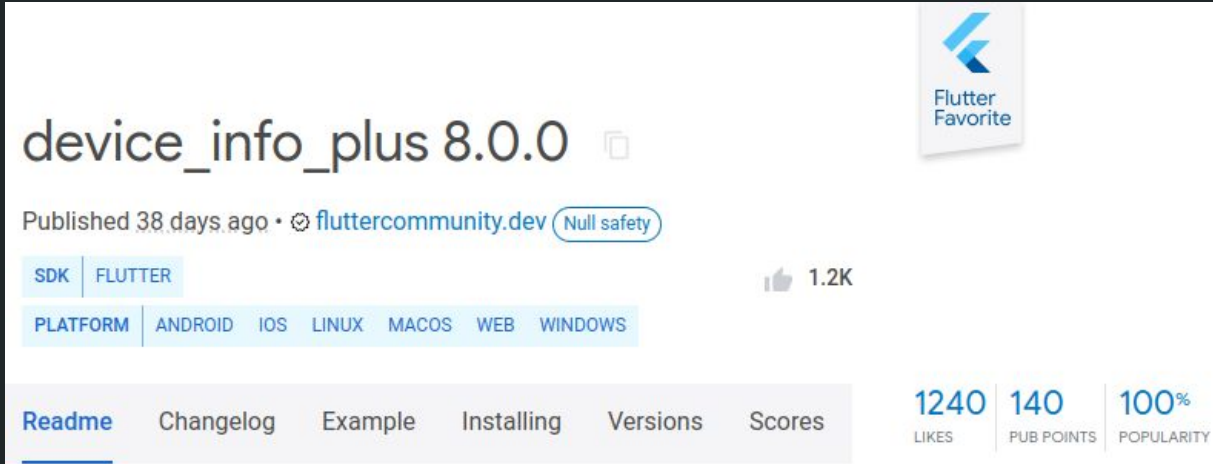
- Linguaggio tipizzato ad oggetti
- Compila per ARM, x64 e JavaScript
- Ereditarietà, Interfaccia
- Null Safe
- Async-Await

```
class Animal {  
  
    String name;  
    int legs;  
    bool canFly;  
  
    Animal({required this.name,  
           required this.legs,  
           this.canFly = false});  
}
```


```
void main() {  
  
    List<Animal> animals = [  
        Animal(name: "Lion", legs: 4),  
        Animal(name: "Penguin", legs: 2),  
        Animal(name: "Eagle", legs: 2, canFly: true),  
    ];  
  
    for (Animal animal in animals) {  
        print('I\'m a ${animal.name}, ' +  
              'I\'ve got ${animal.legs} legs' +  
              ' and I ${animal.canFly ? "can" : "cannot"} fly');  
    }  
}
```

Parole chiave: **Package**

- Estendere le funzionalità
- **Pub.dev**
- **Flutter Favourite**
- Piattaforme supportate



The screenshot shows the package page for `device_info_plus` version `8.0.0` on the `fluttercommunity.dev` repository. The package is marked as a "Flutter Favorite" and has a "Null safety" badge. It is categorized under "SDK" and "FLUTTER". The supported platforms are listed as "PLATFORM", "ANDROID", "IOS", "Linux", "MACOS", "WEB", and "WINDOWS". The package has 1.2K likes, 1240 likes, 140 pub points, and 100% popularity. The navigation bar includes links for "Readme", "Changelog", "Example", "Installing", "Versions", and "Scores".

device_info_plus 8.0.0 

Published 38 days ago • [fluttercommunity.dev](#) Null safety

SDK FLUTTER 1.2K

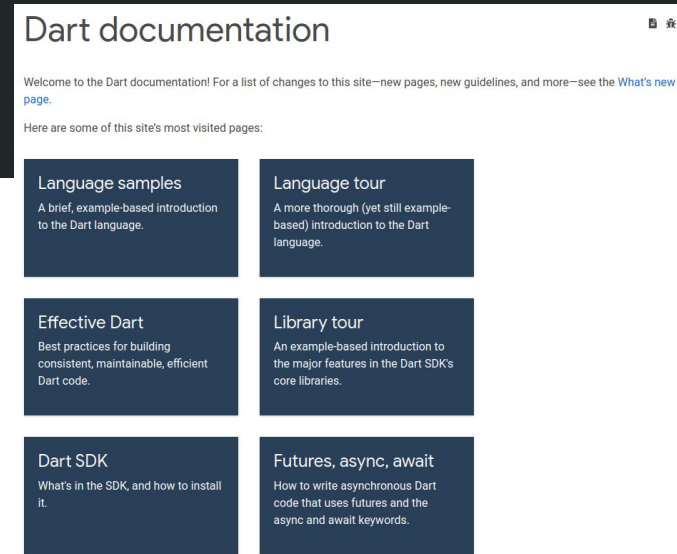
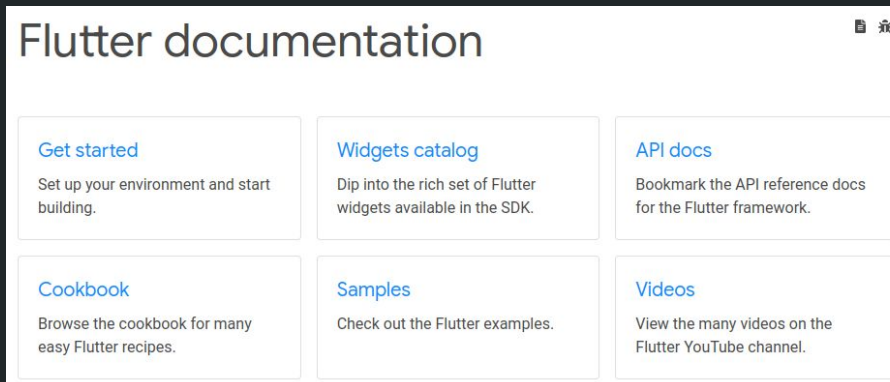
PLATFORM ANDROID IOS LINUX MACOS WEB WINDOWS

[Readme](#) [Changelog](#) [Example](#) [Installing](#) [Versions](#) [Scores](#)

1240 **140** **100%**
LIKES PUB POINTS POPULARITY

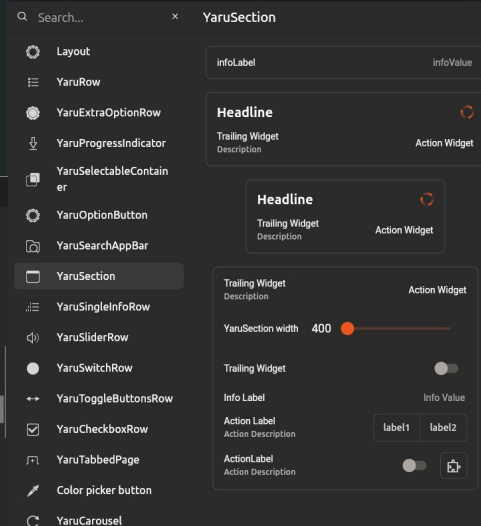
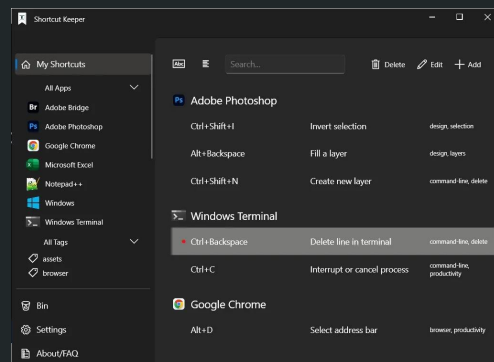
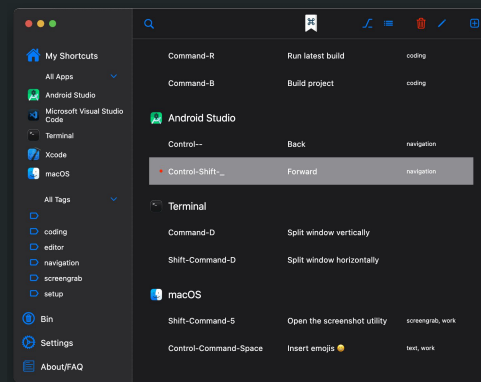
Parole chiave: Documentazione 🥰

- Getting Started, Layouts, Animazioni, Navigazione e Routing
- Catalogo Widget
- Pubblicazione Store
- Codelabs
- DartPad - Zapp!



Parole chiave: **Adaptive e Responsive** 🦄

- **Adaptive**: adattarsi allo stile e alle aspettative degli utenti di una piattaforma specifica
- **Responsive**: la disposizione degli elementi cambia in base alle dimensioni o all'orientamento dello schermo



Parole chiave: **IDE** 



Visual Studio Code



Android Studio



IntelliJ IDEA



Editor + Terminale

Domande? 🙏



Stop talking!
Show me the code



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