



Faszination Flutter

Entwicklung von Web-Anwendungen



Programm für den zweiten Block

1.Theorie

1. Kurzes Recap und Lösung der UI-Aufgabe von letzter Woche
2. Konzepte des State-Managements

2.Praxis

1. Größere App mit State bauen



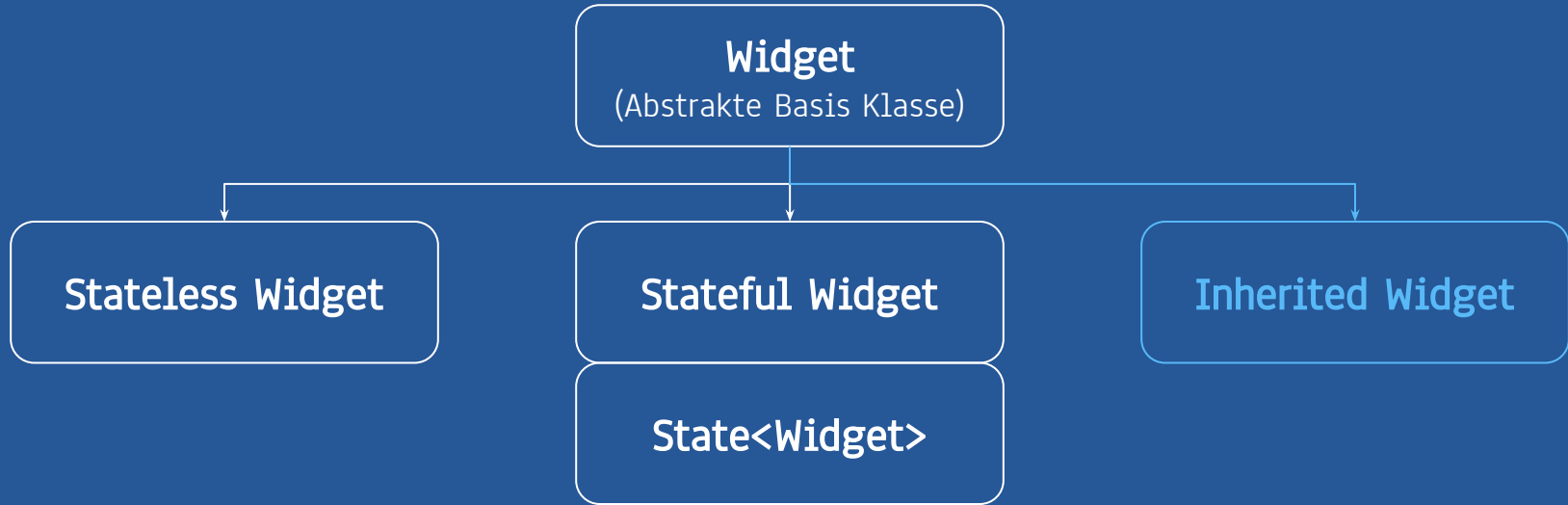
Nachtrag: Private Variablen



```
final String courseName = "Anwendung von Web-Entwicklung";  
  
// Nicht sichtbar außerhalb der definierenden .dart-File  
final List<String> _attendees = ["I don't want to be known"];
```

Statenmanagement-Basics:

Stateless / Stateful Widgets



Statermanagement-Basics:

Stateless / Stateful Widgets

UI = **f**(**state**)

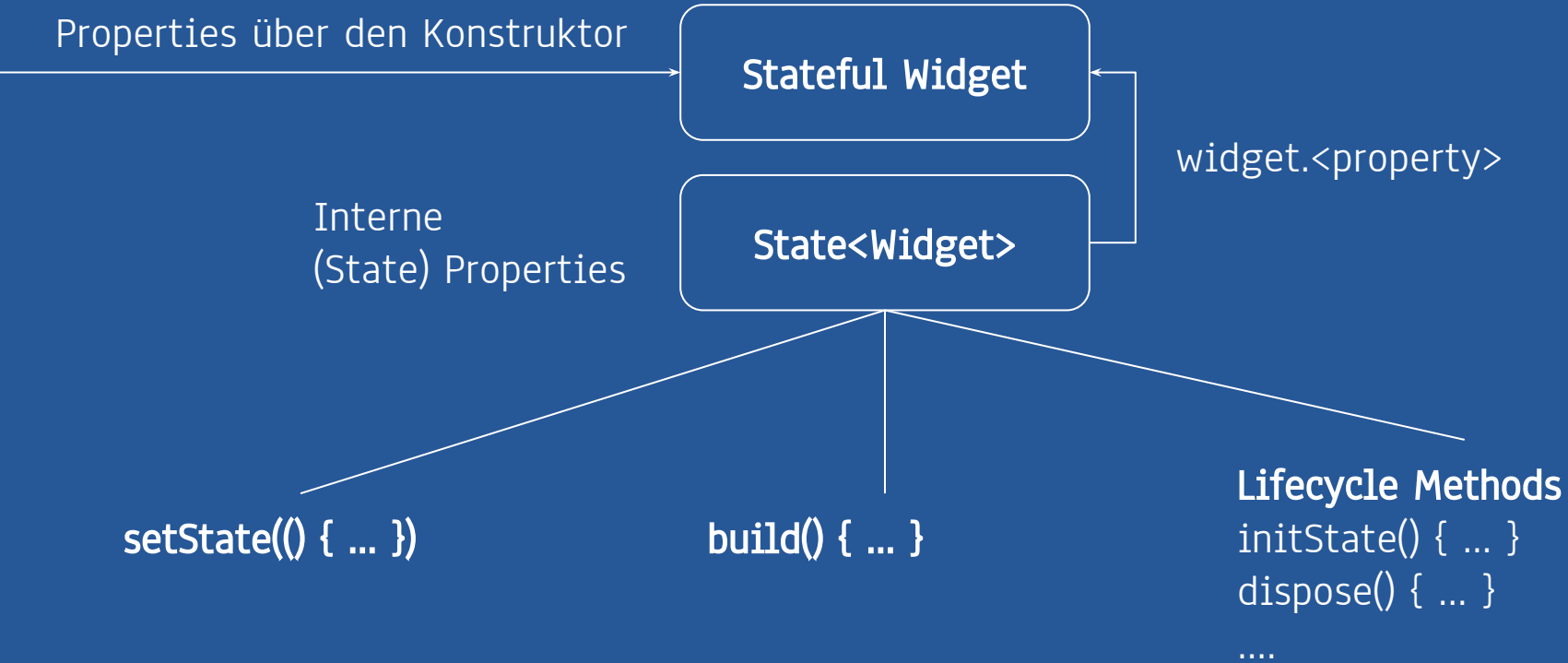
The layout
on the screen

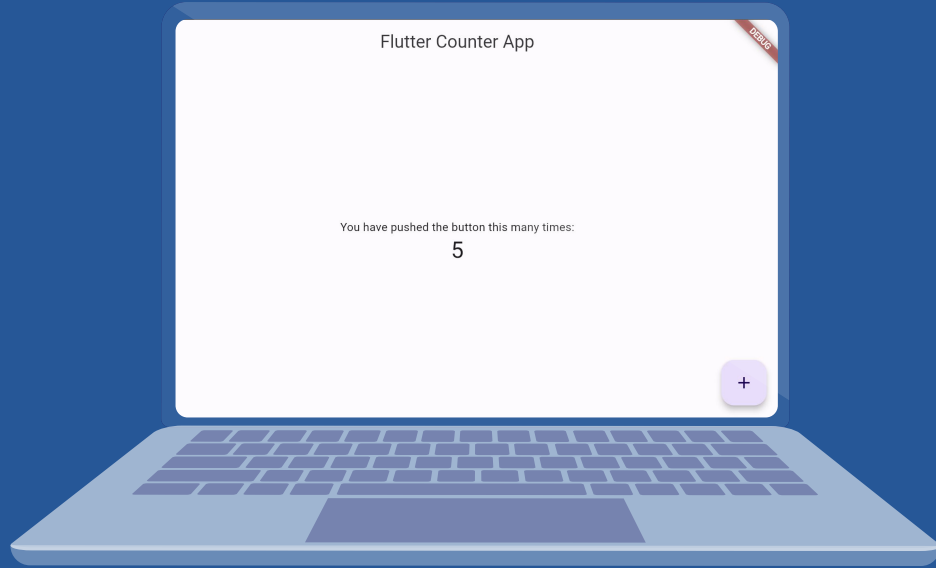
Your
build
methods

The application state

Statenmanagement-Basics:

Stateless / Stateful Widgets



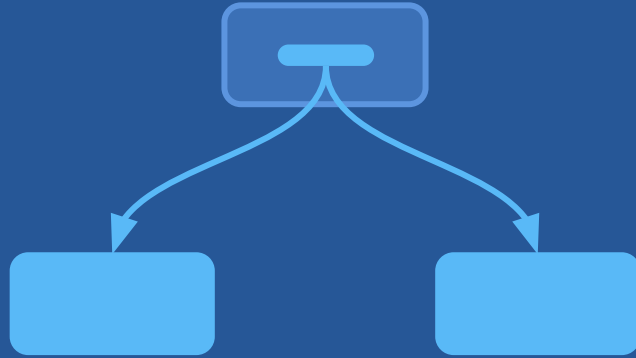


Beispiel

Counter App

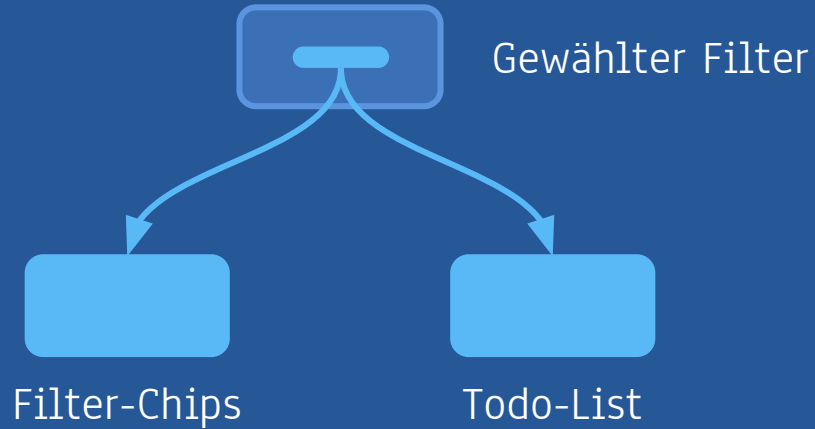
Stated management-Basics:

Lifting State Up



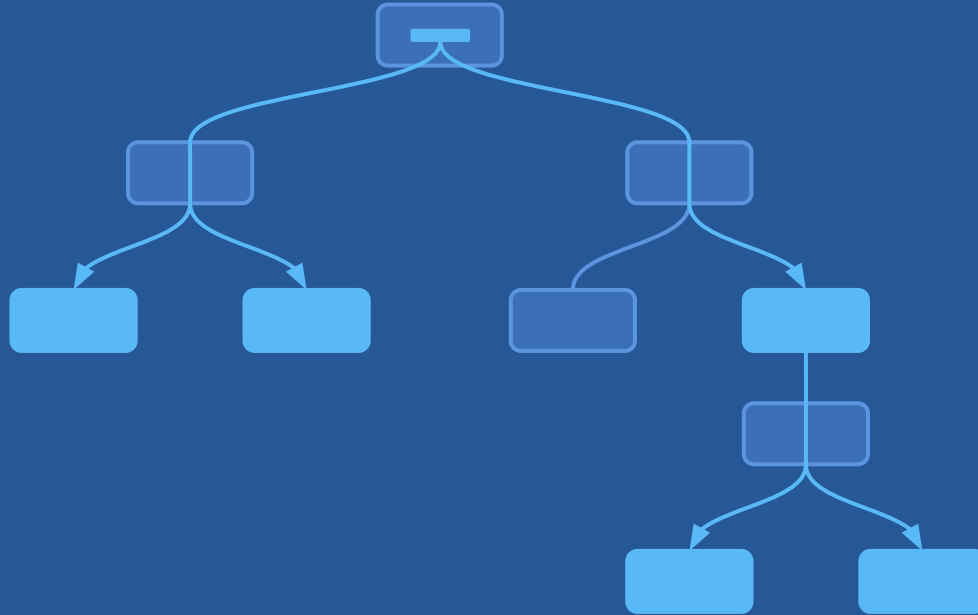
Statenmanagement-Basics:

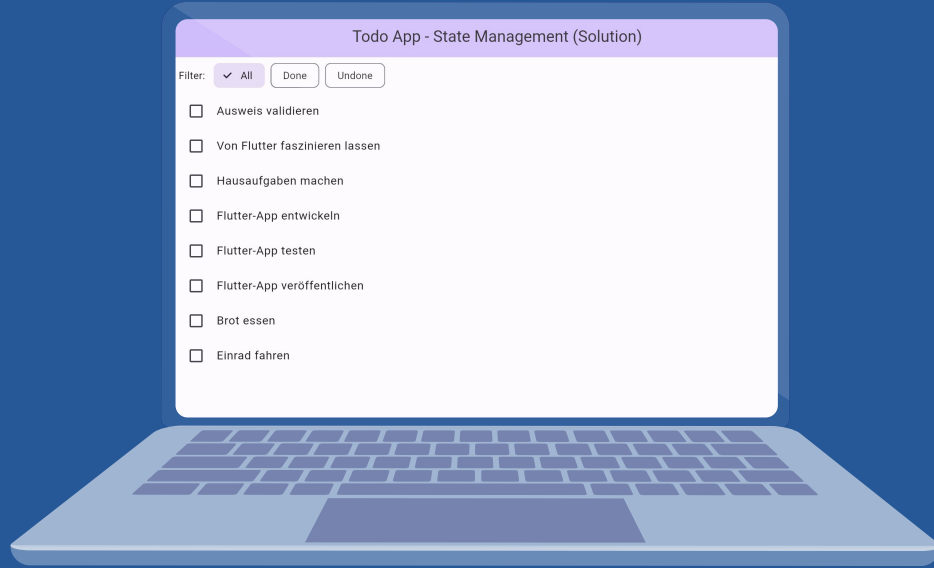
Lifting State Up
Beispiel Todo-App



Statemangement-Basics:

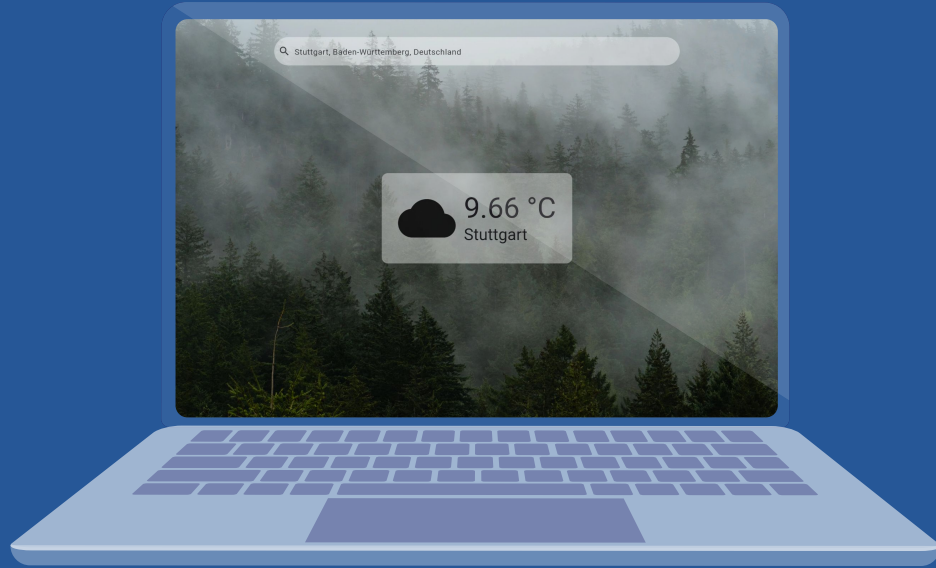
Prop-Drilling





Beispiel

Todo App



Praxis

State-Management & API-Calls



Unsere Ressourcen

GitHub-Repo mit
Aufgaben/Lösungen/Beispielen

<https://github.com/hanneskoksch/Fluttination>

_geoLocationsApiKey

"Pk.56a2c11f7bf46f853d78b4cf5819138f" **ODER**

"pk.848f3dcf4a5b8a6173bb583ecbc9d9c4"

_weatherApiKey

"5b8f9dc55b9f897965e2ad0eb754bdbe" **ODER**

"0a90a3171fa69590f28e69ae39aab9f4"

Flutter-Ressourcen

Flutter Docs

<https://docs.flutter.dev/>

Widget Catalog

<https://docs.flutter.dev/ui/widgets>

Dart Docs

<https://dart.dev/guides>

Für Packages: Pub.dev

<https://pub.dev/>