

# Flutter Mobx

- <https://mobx.pub>

## pubspec.yaml

```
dependencies:  
  mobx: ^0.3.8  
  flutter_mobx: ^0.3.3  
  provider: ^3.1.0  
  
dev_dependencies:  
  build_runner: ^1.3.1  
  mobx_codegen: ^0.3.9
```

```
flutter packages pub run build_runner build  
flutter packages pub run build_runner watch
```

## count\_store.dart

```
import 'package:mobx/mobx.dart';  
  
// Include generated file  
part 'counter_store.g.dart';  
  
// This is the class used by rest of your codebase  
class CounterStore = _CounterStore with _$CounterStore;  
  
// The store-class  
abstract class _CounterStore with Store {  
  @observable  
  int value = 0;  
  
  @action  
  void increment() {  
    value++;  
  }  
}
```

# App

```
import 'store/counter_store.dart';
import 'store/search_store.dart';

void main() => runApp(App());

class App extends StatelessWidget {
  // This widget is the root of your application.
  @override
  Widget build(BuildContext context) {
    return MultiProvider(
      providers: [
        Provider<CounterStore>(builder: (_) => CounterStore()),
        Provider<SearchStore>(builder: (_) => SearchStore()),
      ],
      child: MaterialApp(
        title: 'Flutter Demo',
        debugShowCheckedModeBanner: false,
        theme: ThemeData(
          primarySwatch: Colors.green,
          backgroundColor: Colors.grey,
        ),
        home: HomeScreen(),
        // home: SearchResultScreen(),
      ));
  }
}
```

# Widget

```
final searchStore = Provider.of<SearchStore>(context);

Observer(
  builder: (context) => Text('${searchStore.state}'),
),

onPressed: () {
  searchStore.search('FIX ME!!!!');
},
```

# Mobx Reaction

- <https://stackoverflow.com/questions/56412277/how-to-pop-screen-using-mobx-in-flutter>

```
final List<ReactionDisposer> _disposers = [];
bool _pushed = false;

@override
void dispose() {
  _disposers.forEach((disposer) => disposer());
  super.dispose();
}

@override
void didChangeDependencies() {
  super.didChangeDependencies();
  searchStore = Provider.of<SearchStore>(context);

  _disposers.add(
    autorun(
      () {
        // print('${searchStore.state}');
      },
    ),
  );

  _disposers.add(
    reaction(
      () => searchStore.finished,
      () {
        print('## reaction called');
        if (_pushed == false) {
          _pushed = true;
          print('pushed is $_pushed');
          searchStore.setStateInit();
          Navigator.push(
            context,
            MaterialPageRoute(
              builder: (context) =>
                SearchResultScreen(onWillPop: _onWillPop)),
          );
        }
      },
    ),
  );
}
```

- [Flutter Package](#)

From:

<https://moro.kr/> - **Various Ways**

Permanent link:

<https://moro.kr/open/flutter-mobx>

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