



“LIBRY” – APLIKACIJA ZA UPRAVLJANJE BIBLIOTEKAMA

Flutter praksa 2024

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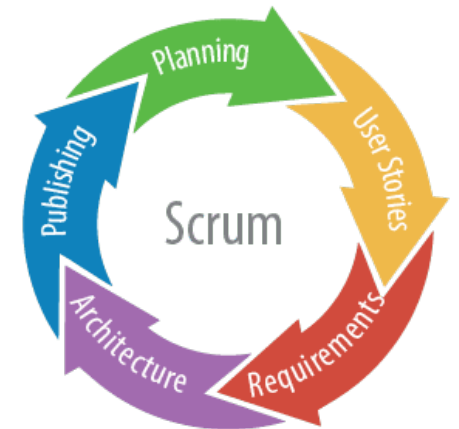
1 O APLIKACIJI

- Libry je aplikacija za upravljanje programskim platformama i paketima.
- Pomaže u pronalaženju novih paketa, modula i open-source koda.
- Razvijana u Flutter/Dart sa fokusom na mobile development (iOS, Android)
- Oslanja se na libraries.io kao izvor svih relevantnih podataka.



2 SCRUM

- Primenjivali smo Scrum, agilni pristup razvoju softvera koji se fokusira na iterativno i inkrementalno isporučivanje vrednosti.
- Bazira se na sprintovima, timskom radu, transparentnosti i kontinuiranoj komunikaciji.
- Daily
- Planning
- Refinement
- Demo
- Retrospective

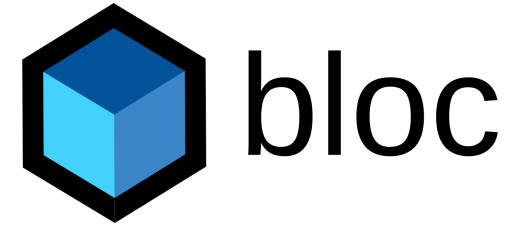


3 PACKAGES

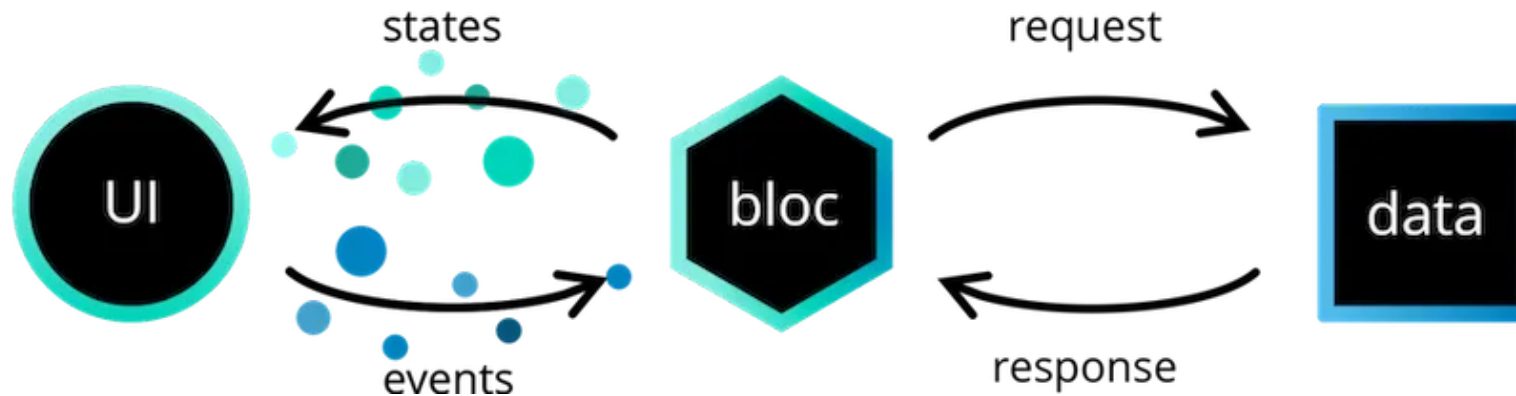


- http
- slang
- webview_flutter
- infinite_scroll_pagination
- flutter_onboarding_slider
- flutter_native_splash
- rename_app
- flutter_launcher_icons

4 BLOC STATE MANAGEMENT

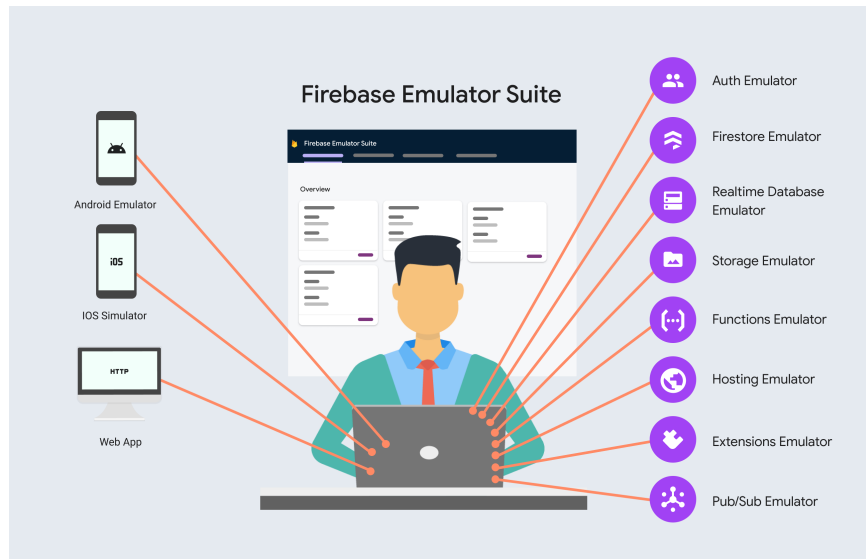


- BLoC (Business Logic Component) obrazac za upravljanje stanjem u Flutter aplikacijama.
- `flutter_bloc`, `bloc_concurrency`



5 FIREBASE

- Firebase Authentication
- Cloud Firestore
- Firebase Local Emulator Suite



6 TESTING



QASE



- Pisanje test scenarija i test case-ova
- Struktura

The screenshot displays the Qase web application interface. On the left, a sidebar shows the 'Internship' project with a list of test suites. The 'API Library App-Library Details' suite is selected. The main area shows the 'INTERNSHIP repository' with a list of test cases. The test case 'INTERNSHIP-131' is highlighted, titled 'Check the presence and accuracy of all details'. The right panel provides a detailed view of this test case, including its description, pre-conditions, post-conditions, and a list of steps. The first step involves using the Postman framework to check the accuracy of a selected library, with input data and expected results provided.

INTERNSHIP repository 128 cases (128) | 16 suites (16)

Suites

- API Library App-Platforms ... 10
- API Library App-List of Libr... 14
- API Library App-Search Re... 10
- API Library App-Register fu... 17
- API Library App-App Respo... 2
- API Library App-Icon, Name ... 3
- API Library App - Login fun... 14
- API Library App-Language ... 5
- API Library App-Tabs Latest... 6
- API Library App-My Accou... 13
- API Library App-Favorites 10
- API Library App-Library Det... 7**
- API Library App-Delete Acc... 5
- API Library App-Pagination 5
- API Library App-Onboarding... 5
- API Library App-Tab persist... 2

API Library App-Library Details screen

Verify functionality of Library Details screen

- INTERNSHIP-127 Navigation to the Library Details screen from search
- INTERNSHIP-128 Navigation to the Library Details screen the Libraries screen
- INTERNSHIP-129 Navigation to the Library Details screen from Favorites libraries screen
- INTERNSHIP-131 Check the presence and accuracy of all details**
- INTERNSHIP-132 Check the presence and accuracy of all details in landscape mode
- INTERNSHIP-133 Retry mechanism on Library details screen
- INTERNSHIP-134 Retry mechanism on web view

API Library App-Library Details screen

Description

Verify that we can see all details from specifications and their accuracy

Pre-conditions

App is installed and functional
We are on some library detail screen

Post-conditions

Not set

Steps

1 We are going to use Postman framework to check accuracy for selected library

Input data

https://libraries.io/api/Pub/meta?api_key=363f7642e16ad5eb9bf341f64f73fc01

Expected result

We got all informations

2 Check for library latest name

Input data

meta

Expected result

Library latest name is displayed and it matches with API

PATROL



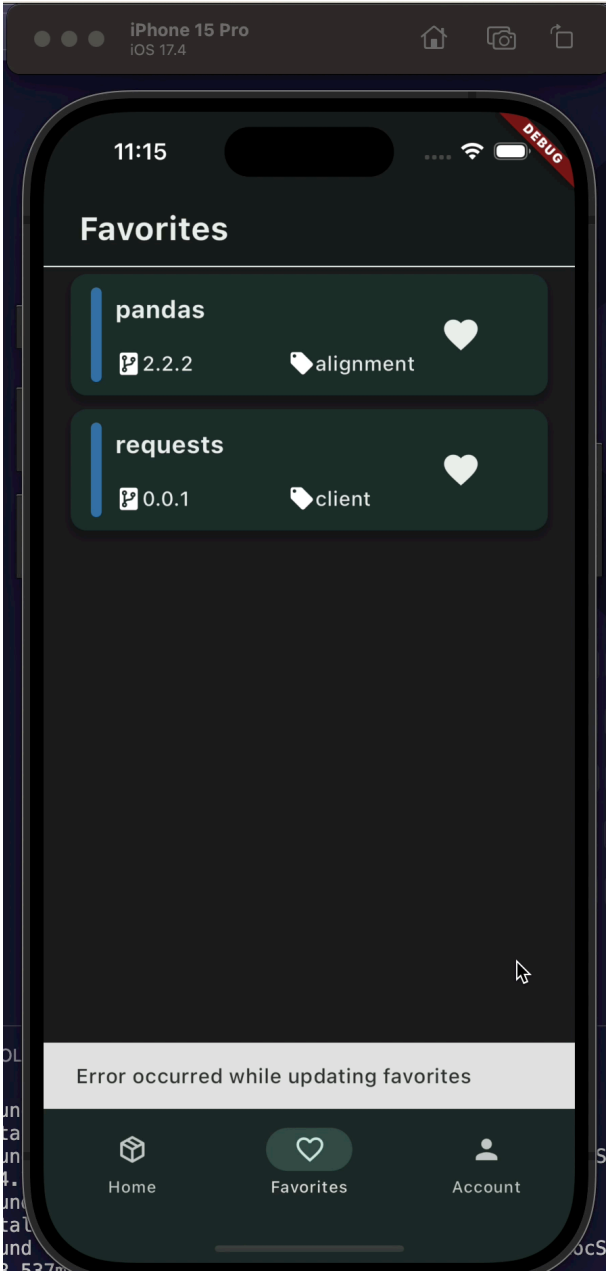
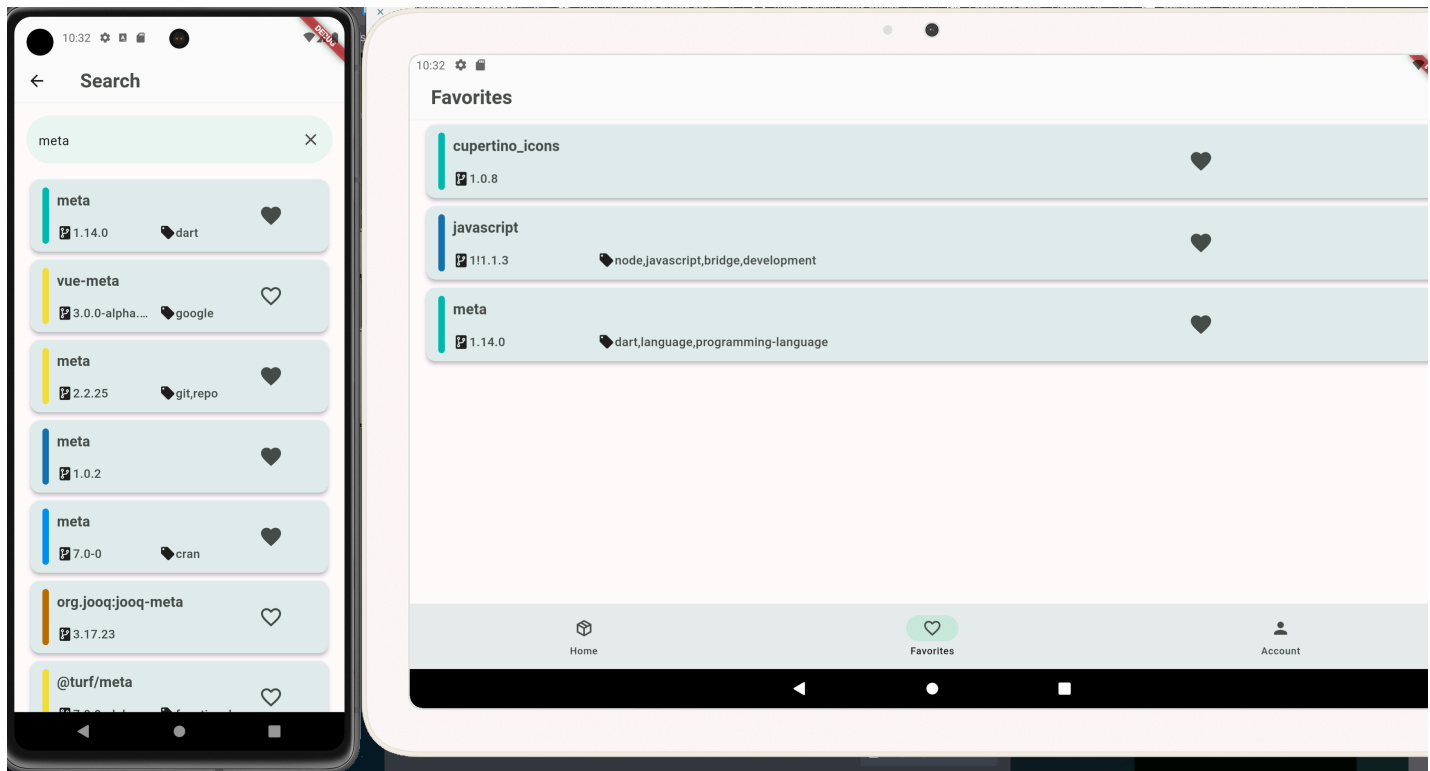
Patrol radi na:

- Android 5.0 i novijim verzijama
- iOS 11 i novijim verzijama
- macOS 10.14 i novijim verzijama
- <https://patrol.leancode.co/getting-started>

Pokretanje testa:

- `patrol test -t integration_test/example_test.dart`

NAJZANIMLJIVIJI BUGOVI



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NAŠE ISKUSTVO



8 DEMO



LIBRY



PITANJA?



**levi
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