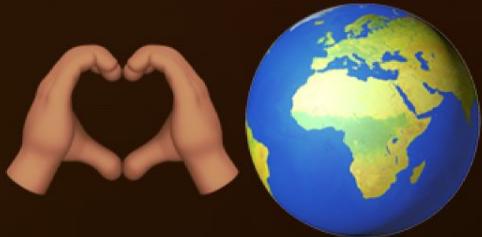




# Flutter Developers AND THE SECRETS OF STATIC CODE ANALYSIS TOOLS

# BBAPPS

## Apps that Care for You and the Planet



# BBAPPS.DEV



Good afternoon ☀️

Let's practice!



## Conversations



Mr. Cat

Hi Daria! It's nice to meet you. What's your favorite th



Aiko

元気です！最近何か面白いこ  
ありましたか？私は最近美術



Andreia

Olá! Como estás? Sou a  
Andreia, e estou muito fel



Monika

Cześć! Jak się masz? Jak  
minął twój dzień? Mam na



Emma

Hey there! Wie geht's? I'm  
Emma, deine neue Pen-P

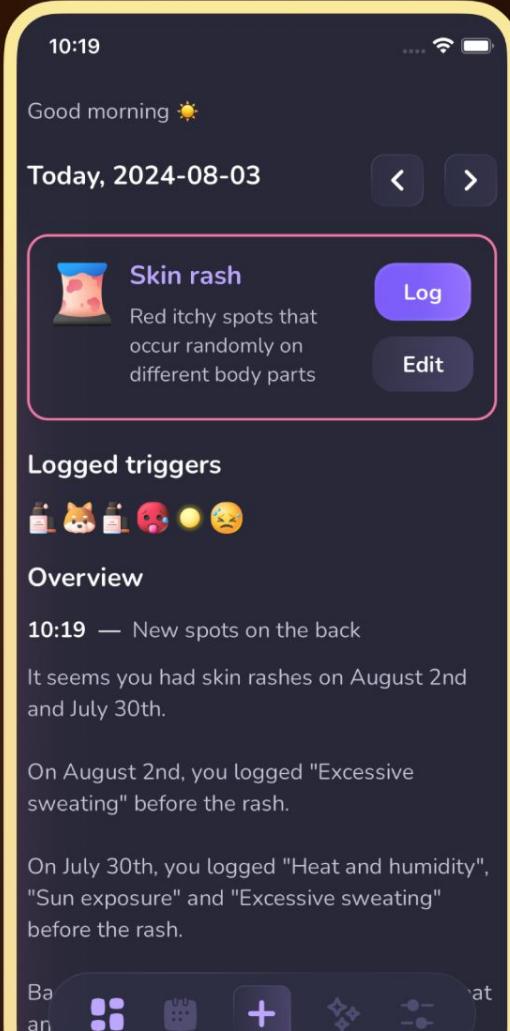
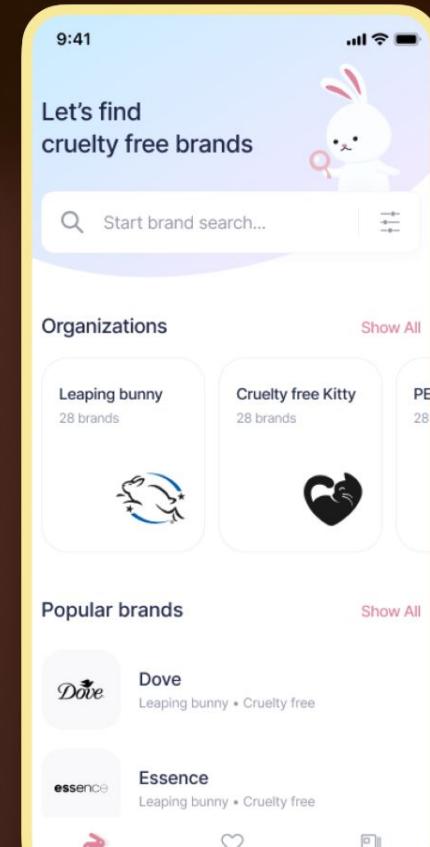
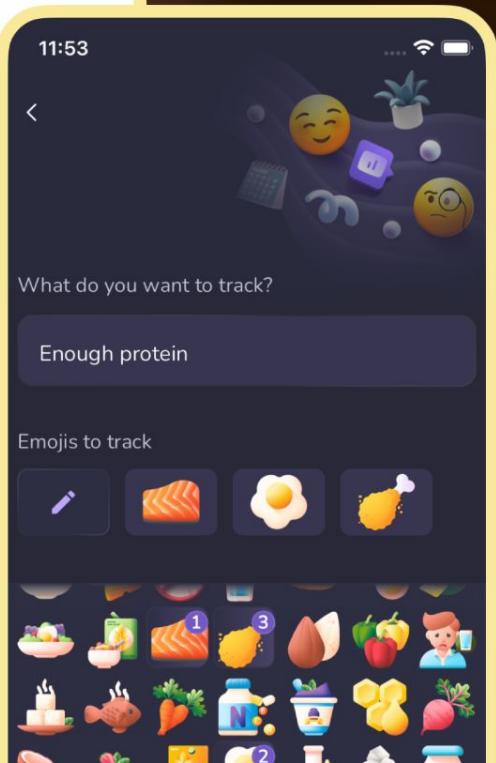


Isabella

Ciao! Come stai? Sono  
Isabella, la tua nuova amic



Daria







# ROBUST AND AUTOMATED STATIC ANALYSIS SYSTEM

BEST  
QUESTION  
WINS



# MAGIC BEASTS

## SPHINX

guardian of the  
ms it inhabits, bringing  
o those who encounter it.  
ent warriors and travelers  
protection and strength by  
presence is believed to  
e surrounding lands,  
orce of powerful magic and  
fiery and intimidating.  
sphinx is a noble and  
eracting with those who  
respect for the elements.  
cal and commanding  
power and  
agical mind.



## ZEPHYRA

The Zephyra is a guardian of the enchanted  
shies it inhabits, bringing peace and  
tranquility to its surroundings. Legends tell  
of lost travelers and sailors who were guided  
to safety by the gentle light of a Zephyra. Its  
presence is believed to purify and bless the  
skies, making them a source of healing and  
magic. Despite its mystical appearance, the  
Zephyra is a gentle and approachable being,  
often interacting with those who show  
respect and reverence for the air and its  
creatures.



## SHADOWFELIS

The Shadowfelis is a rare and enigmatic  
magical beast, often found lurking in the  
depths of ancient, enchanted forests.  
Resembling a large cat, this creature boasts  
sleek, mystical fur adorned with dark,  
shimmering patterns that seem to ripple and  
change with the light. Its large, hauntingly  
glowing eyes possess an eerie, otherworldly  
intelligence, reflecting both wisdom and a  
hint of mischief.



## LUMINARA

The Luminara is a beacon of light and  
tranquility in the mystical realms it  
inhabits. Its presence is said to bring peace  
and healing to those who encounter it.  
Legends tell of travelers lost in the dark,  
enchanted woods who were guided to safety  
by the gentle glow of a Luminara. Its antlers,  
inscribed with ancient runes, are believed to  
possess powerful protective magic, warding  
off dark spirits and malevolent forces.



23:11

## AQUALIS

The Aqualis is a guardian of the  
waters it inhabits, bringing peace and  
tranquility to its surroundings.  
Legends tell of lost sailors and travelers  
guided by the gentle glow of an Aqualis.  
It is believed to purify and bless the  
waters, making them a source of healing and  
magic. Despite its mystical appearance, the  
Aqualis is a gentle and approachable being,  
interacting with those who show  
reverence for the water and its  
Aqualis's serene and calming presence  
symbol of hope and guidance in the world.



# MAGIC BEASTS

23:07



## SHADOWFELIS

The Shadowfelis is a rare and enigmatic magical beast, often found lurking in the depths of ancient, enchanted forests. Resembling a large cat, this creature boasts sleek, mystical fur adorned with dark, shimmering patterns that seem to ripple and change with the light. Its large, hauntingly glowing eyes possess an eerie, otherworldly intelligence, reflecting both wisdom and a hint of mischief.



```
7
8 class BeastsPageView extends StatefulWidget {
9     const BeastsPageView({super.key});
10
11     @override
12     @↑ State<BeastsPageView> createState() => _BeastsPageViewState();
13 }
14
15 class _BeastsPageViewState extends State<BeastsPageView> {
16     @override
17     @↑ Widget build(BuildContext context) {
18         return Scaffold(
19             body: PageView(children: [
20                 ShadowfelisView(),
21                 ZephyraView(),
22                 AqualisView(),
23                 LuminaraView(),
24                 IgnisphinxView()
25             ]); // PageView, Scaffold
26     }
}
```

```
7  
8 class BeastsPageView extends StatefulWidget {  
9     const BeastsPageView({super.key});  
10  
11    @override  
12    ⚡ State<BeastsPageView> createState() => _BeastsPageViewState();  
13 }  
14  
15 class _BeastsPageViewState extends State<BeastsPageView> {  
16    @override  
17    ⚡ Widget build(BuildContext context) {  
18        return Scaffold(  
19            body: PageView(children: [  
20                ShadowfelisView(),  
21                ZephyraView(),  
22                AqualisView(),  
23                LuminaraView(),  
24                IgnisphinxView()  
25            ]); // PageView, Scaffold  
26 }
```

```
15 class _BeastsPageViewState extends State<BeastsPa
16
17 @override
18 Widget build(BuildContext context) {
19     return Scaffold(
20         body: PageView(children: [
21             ShadowfelisView(),
22             ZephyraView(),
23             AqualisView(),
24             LuminaraView(),
25             IgnisphinxView()
26         ]); // PageView, Scaffold
27 }
```

```
12
13 class _ShadowfelisViewState extends State<ShadowfelisView> {
14     @override
15     Widget build(BuildContext context) {
16         final maxH = MediaQuery.of(context).size.height;
17         return Scaffold(
18             body: Stack(children: [
19                 Positioned.fill(
20                     child: Image.asset('resources/images/bg_forest.webp',
21                         fit: BoxFit.cover)), // Image.asset, Positioned.fill
22                 ClipRRect(
23                     child: BackdropFilter(
24                         filter: ImageFilter.blur(sigmaX: 12, sigmaY: 12),
25                         child: SizedBox.expand())), // BackdropFilter, ClipRRect
26                 Align(
27                     alignment: Alignment.bottomRight,
28                     child: Transform(
29                         transform: Matrix4.translationValues(130, 240, 0),
30                         child: OverflowBox(
31                             maxHeight: 2000,
32                             maxWidth: 2000,
```

```
12  
13 class _ShadowfelisViewState extends State<ShadowfelisView> {  
14     @override  
15     Widget build(BuildContext context) {  
16         final maxH = MediaQuery.of(context).size.height;  
17         return Scaffold(  
18             body: Stack(children: [  
19                 Positioned.fill(  
20                     child: Image.asset('resources/images/bg_forest.webp',  
21                         fit: BoxFit.cover)), // Image.asset, Positioned.fill  
22                 ClipRRect(  
23                     child: BackdropFilter(  
24                         filter: ImageFilter.blur(sigmaX: 12, sigmaY: 12),  
25                         child: SizedBox.expand())), // BackdropFilter, ClipRRect  
26                 Align(  
27                     alignment: Alignment.bottomCenter,  
28                     child: Transform(  
29                         transform: Matrix4.translationValues(0, -100, 0),  
30                         child: OverflowBox(  
31                             maxHeight: 2000,  
32                             maxWidth: 2000,
```



missing trailing commas

```
13 class _ShadowfelisViewState extends State<ShadowfelisView> {
14   @override
15   Widget build(BuildContext context) {
16     final maxH = MediaQuery.of(context).size.height;
17     return Scaffold(
18       body: Stack(children: [
19         Positioned.fill(
20           child: Image.asset('resources/images/bg_forest.webp',
21             fit: BoxFit.cover)), // Image.asset - Positioned.fill
22         Align(
23           alignment: Alignment.bottomRight,
24           child: Transform(
25             transform: Matrix4.translationValues(130, 240, 0),
26             child: OverflowBox(
27               maxHeight: 2000,
28               maxWidth: 2000,
```





```
12  
13 class _ShadowfelisViewState extends State<ShadowfelisView> {  
14     @override  
15     Widget build(BuildContext context) {  
16         final maxH = MediaQuery.of(context).size.height;  
17         return Scaffold(  
18             body: Stack(children: [  
19                 Positioned.fill(  
20                     child: Image.asset('resources/images/bg_forest.webp',  
21                         fit: BoxFit.cover)), // Image.asset, Positioned.fill  
22                 ClipRRect(  
23                     child: BackdropFilter(  
24                         filter: ImageFilter.blur(sigmaX: 12, sigmaY: 12),  
25                         child: SizedBox.expand())), // BackdropFilter, ClipRRect  
26                 Align(↑  
27                     alignment: Alignment.topCenter,  
28                     child: Transform(  
29                         transform: Matrix4.translationValues(0, -10, 0),  
30                         child: OverflowBox(  
31                             maxHeight: 2000,  
32                             maxWidth: 2000,
```

**missing const constructor**



```
12  
13 class _ShadowfelisViewState extends State<ShadowfelisView> {  
14     @override  
15     Widget build(BuildContext context) {  
16         final maxH = MediaQuery.of(context).size.height;  
17         return Scaffold(  
18             body: Stack(children: [  
19                 Positioned.fill(  
20                     child: Image.asset('resource/'),  
21                     fit: BoxFit.cover)),  
22                 ClipRRect(  
23                     child: BackdropFilter(  
24                         filter: ImageFilter.blur(sigmaX: 12, sigmaY: 12),  
25                         child: SizedBox.expand())), // BackdropFilter, ClipRRect  
26                 Align(  
27                     alignment: Alignment.bottomRight,  
28                     child: Transform(  
29                         transform: Matrix4.translationValues(130, 240, 0),  
30                         child: OverflowBox(  
31                             maxHeight: 2000,  
32                             maxWidth: 2000,
```

can be StatelessWidget



```
12
13 class _ShadowfelisViewState extends State<ShadowfelisView> {
14     @override
15     Widget build(BuildContext context) {
16         final maxH = MediaQuery.of(context).size.height;
17         return Scaffold(
18             body: Stack(children: [
19                 Positioned.fill(
20                     child: Image.asset('resources/images/bg_forest.webp',
21                         fit: BoxFit.cover)), // Image.asset, Positioned.fill
22                 ClipRRect(
23                     child: BackdropFilter(
24                         filter: ImageFilter.blur(sigmaX: 12, sigmaY: 12),
25                         child: SizedBox.expand())), // BackdropFilter, ClipRRect
26                 Align(
27                     alignment: Alignment.bottomRight,
28                     child: Transform(
29                         transform: Matrix4.translationValues(130, 240, 0),
30                         child: OverflowBox(
31                             maxHeight: 2000,
32                             maxWidth: 2000,
```

```
13     class _LuminaraViewState extends State<LuminaraView> {
14         @override
15     Widget build(BuildContext context) {
16         final maxH = MediaQuery.of(context).size.height;
17         return Scaffold(
18             body: Stack(children: [
19                 Positioned.fill(
20                     child: Image.asset('resources/images/bg_forest_pink.webp',
21                         fit: BoxFit.cover)), // Image.asset, Positioned.fill
22                 ClipRRect(
23                     child: BackdropFilter(
24                         filter: ImageFilter.blur(sigmaX: 12, sigmaY: 12),
25                         child: SizedBox.expand())), // BackdropFilter, ClipRRect
26                 Align(
27                     alignment: Alignment.bottomRight,
28                     child: Transform(
29                         transform: Matrix4.translationValues(130, 240, 0),
30                         child: OverflowBox(
31                             maxHeight: 2000,
32                             maxWidth: 2000,
```

```
13 class _LuminaraViewState extends State<LuminaraView> {
14   @override
15   Widget build(BuildContext context) {
16     final maxH = MediaQuery.of(context).size.height;
17     return Scaffold(
18       body: Stack(children: [
19         Positioned.fill(
20           child: Image.asset('resources/images/bg_forest_pink.webp',
21             fit: BoxFit.cover), // Image.asset, Positioned.fill
22         ClipRRect(
23           child: BackdropFilter(
24             filter: ImageFilter.blur(sigmaX: 12, sigmaY: 12),
25             child: SizedBox.expand())), // BackdropFilter, ClipRRect
26         Align(
27           alignment: Alignment.bottomRight,
28           child: Transform(
29             transform: Matrix4.translationValues(130, 240, 0),
30             child: OverflowBox(
31               maxHeight: 2000,
32               maxWidth: 2000,
```



Github Actions

# ROBUST AND AUTOMATED STATIC ANALYSIS SYSTEM

**magic\_beasts / .github / workflows / pull\_request.yml**

## magic\_beasts / .github / workflows / pull\_request.yml

```
1   name: audit
2
3   on:
4     pull_request:
5       types: [opened, synchronize]
6
7   jobs:
8     analysis:
9       name: audit
10      runs-on: ubuntu-latest
11      steps:
```

# magic\_beasts / .github / workflows / pull\_request.yml

```
1   name: audit
2
3   on:
4     pull_request:
5       types: [opened, synchronize]
6
7   jobs:
8     analysis:
9       name: audit
10      runs-on: ubuntu-latest
11      steps:
12        # Checkout the repository to the runner
13        - name: Checkout Repository
14          uses: actions/checkout@v2
15
16        # Set up Flutter environment
17        - name: Set up Flutter
18          uses: subosito/flutter-action@v1
19        - run: flutter pub get
20
21        # Print Flutter version
22        - name: Flutter Version
23          run: flutter --version
```

# magic\_beasts / .github / workflows / pull\_request.yml

```
1   name: audit
2
3   on:
4     pull_request:
5       types: [opened, synchronize]
6
7   jobs:
8     analysis:
9       name: audit
10      runs-on: ubuntu-latest
11      steps:
12        # Checkout the repository to the runner
13        - name: Checkout Repository
14          uses: actions/checkout@v2
15
16        # Set up Flutter environment
17        - name: Set up Flutter
18          uses: subosito/flutter-action@v1
19          - run: flutter pub get
20
21        # Print Flutter version
22        - name: Flutter Version
23          run: flutter --version
```

# magic\_beasts / .github / workflows / pull\_request.yml

```
1   name: audit
2
3   on:
4     pull_request:
5       types: [opened, synchronize]
6
7   jobs:
8     analysis:
9       name: audit
10      runs-on: ubuntu-latest
11      steps:
12        # Checkout the repository to the runner
13        - name: Checkout Repository
14          uses: actions/checkout@v2
15
16        # Set up Flutter environment
17        - name: Set up Flutter
18          uses: subosito/flutter-action@v1
19        - run: flutter pub get
20
21        # Print Flutter version
22        - name: Flutter Version
23          run: flutter --version
```



ROBUST AND  
AUTOMATED  
STATIC ANALYSIS  
SYSTEM

# Code Formatting



## **magic\_beasts / .github / workflows / pull\_request.yml**

```
- name: Check Code Format
  run: dart format . --set-exit-if-changed
```

# Introduce formatting issues #3

Edit [Code](#)



darjaorlova wants to merge 1 commit into `master` from `issue_formatting` [Diff](#)

Conversation 0

Commits 1

Checks 0

Files changed 1

+5 -0



**darjaorlova** commented now

No description provided.



Introduce formatting issues

...

ed3c931

Reviewers

No reviews

Still in progress? Learn about draft PRs [\(i\)](#)



Add more commits by pushing to the `issue_formatting` branch on [darjaorlova/magic\\_beasts](#).



**Some checks haven't completed yet**

1 in progress check

[Hide all checks](#)

audit / audit (pull\_request) In progress — This check has started...

[Details](#)



Assignees

No one—[assign yourself](#)



Labels

None yet



Projects

None yet



Milestone

No milestone



Development

Successfully merging this pull request may close these issues.

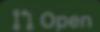


[Merge pull request](#)



You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

# Introduce formatting issues #3

[Edit](#)[Code](#)

darjaorlova wants to merge 1 commit into `master` from `issue_formatting`

[Conversation 0](#)[Commits 1](#)[Checks 0](#)[Files changed 1](#)[+5 -0](#)

**darjaorlova** commented now

No description provided.



↳ Introduce formatting issues

...

ed3c931

Reviewers

No reviews

Still in progress? Learn about draft PRs



Add more commits by pushing to the `issue_formatting` branch on [dariaorlova/magic\\_beasts](#).



Some checks haven't completed yet

[Hide all checks](#)

1 in progress check

audit / audit (pull\_request) In progress — This check has started...

[Details](#)

Labels

None yet



Projects

None yet



Milestone

No milestone



Development

Successfully merging this pull request may close these issues.

This branch has no conflicts with the base branch

Merging can be performed automatically.

[Merge pull request](#)



You can also [open this in GitHub Desktop](#) or view [command line instructions](#).



# Introduce formatting issues #3

Edit [Code](#)



darjaorlova wants to merge 1 commit into `master` from `issue_formatting`

Conversation 0

Commits 1

Checks 1

Files changed 1

+5 -0



**darjaorlova** commented 5 minutes ago

No description provided.



Introduce formatting issues

...

ed3c931

Reviewers

No reviews

Still in progress? Learn about draft PRs



Assignees

No one—[assign yourself](#)



Labels

None yet



Projects

None yet



Milestone

No milestone



Development

Successfully merging this pull request may close these issues.



All checks have failed

1 failing check

[Hide all checks](#)

audit / audit (pull\_request) Failing after 2m

[Details](#)

This branch has no conflicts with the base branch

Merging can be performed automatically.

[Merge pull request](#)



You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

# Introduce formatting issues #3

[Edit](#)[Code](#)

darjaorlova wants to merge 1 commit into `master` from `issue_formatting`

Conversation 0

Commits 1

Checks 0

Files changed 0

+5 -0



**darjaorlova** commented 5 minutes ago

No description provided.



↳ Introduce formatting issues

ed3c931

Reviewers

No reviews

Still in progress? Learn about draft PRs



Assignees

No one—assign yourself



Labels

None yet



Projects

None yet



Milestone

No milestone



Development

Successfully merging this pull request may close these issues.



All checks have failed

1 failing check

[Hide all checks](#)

audit / audit (pull\_request) Failing after 2m

[Details](#)

This branch has no conflicts with the base branch

Merging can be performed automatically.

[Merge pull request](#)

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

## audit

failed 2 days ago in 1m 2s

- > ✓ Set up job
- > ✓ Checkout Repository
- > ✓ Set up Flutter
- > ✓ Run flutter pub get
- > ✓ Flutter Version

### ✗ Check Code Format

```
1 ► Run dart format . --set-exit-if-changed
7 Formatted lib/aqualis_view.dart
8 Formatted 7 files (1 changed) in 0.51 seconds.
9 Error: Process completed with exit code 1.
```

- > ✓ Post Checkout Repository
- > ✓ Complete job

analysis\_options.yaml



magic\_beasts ~/StudioProjects/magic\_beasts

- >  .dart\_tool
- >  .github
- >  .idea
- >  android [magic\_beasts\_android]
- >  build
- >  ios
- >  lib
- >  .gitignore
- >  .metadata
-  analysis\_options.yaml
-  magic\_beasts.iml
-  pubspec.lock
-  pubspec.yaml
-  README.md

Y pubspec.yaml ×

Y analysis\_options.yaml

## Flutter commands

```
16   dev_dependencies:  
17     flutter_test:  
18       sdk: flutter  
19     flutter_lints: ^3.0.0 ←
```

Y pubspec.yaml

Y analysis\_options.yaml ×

1

include: package:flutter\_lints/flutter.yaml

2



## Project ▾

magic\_beasts ~/StudioProjects/magic\_beasts

- > .dart\_tool
- > .github
- > .idea
- > android [magic\_beasts\_android]
- > build
- > ios
- lib
  - aqualis\_view.dart

pubspec.yaml

analysis\_options.yaml

```
1 include: package:flutter_lints/flutter.yaml  
2
```

Document 1/1 &gt; include: &gt; package:flutter\_lint...

## Dart Analysis 70 hints



## Description

- ⓘ Use 'const' with the constructor to improve performance.
- ⓘ Use 'const' with the constructor to improve performance.
- ⓘ Use 'const' with the constructor to improve performance.
- ⓘ Use 'const' with the constructor to improve performance.
- ⓘ Use 'const' with the constructor to improve performance.
- ⓘ Use 'const' with the constructor to improve performance.
- ⓘ Use 'const' with the constructor to improve performance.

## Location ▾

- [magic\_beasts] lib/aqualis\_view.dart:25
- [magic\_beasts] lib/aqualis\_view.dart:44
- [magic\_beasts] lib/aqualis\_view.dart:45
- [magic\_beasts] lib/aqualis\_view.dart:49
- [magic\_beasts] lib/aqualis\_view.dart:53
- [magic\_beasts] lib/aqualis\_view.dart:55

## Project

magic\_beasts ~/StudioProjects/magic\_beasts

- > .dart\_tool
- > .github
- > .idea
- > android [magic\_beasts\_android]
- > build
- > ios
- lib

pubspec.yaml

analysis\_options.yaml

```
1 include: package:flutter_lints/flutter.yaml
```

Document 1/1 &gt; include: &gt; package:flutter\_lint...

## Dart Analysis

70 hints



## Description

- ⓘ Use 'const' with the constructor to improve performance.
- ⓘ Use 'const' with the constructor to improve performance.
- ⓘ Use 'const' with the constructor to improve performance.
- ⓘ Use 'const' with the constructor to improve performance.
- ⓘ Use 'const' with the constructor to improve performance.
- ⓘ Use 'const' with the constructor to improve performance.
- ⓘ Use 'const' with the constructor to improve performance.



## Location

- [magic\_beasts] lib/aqualis\_view.dart:25
- [magic\_beasts] lib/aqualis\_view.dart:44
- [magic\_beasts] lib/aqualis\_view.dart:45
- [magic\_beasts] lib/aqualis\_view.dart:49
- [magic\_beasts] lib/aqualis\_view.dart:53
- [magic\_beasts] lib/aqualis\_view.dart:55



```
zephyra_view.dart × aqualis_view.dart × beasts_page_view.dart × ignisphinx_view.dart × luminara_view.dart × main.dart × shadowfelis_view.dart
```

44 begin: `Offset(-100, 20),`  
45 end: `Offset(0, 0))))), // OverflowBox, Transform, Align`

46 **Align(**  
47 alignment: Alignment.topRight,  
48 child: Padding(  
49 padding: EdgeInsets.only(top: 48, right: 32, left: 16),  
50 child: Column(  
51 crossAxisAlignment: CrossAxisAlignment.st  
52 children: [  
53 Text('Zephyra',  
54 textAlign: TextAlign.left,  
55 style: TextStyle(  
56 color: Color(0xFFECE8D7),  
57 fontSize: 48,  
58 fontWeight: FontWeight.w700  
59 fontFamily: 'FantasticBeast  
60 shadows: [  
61 Shadow(  
62 color: Color(0xFF060B  
63 blurRadius: 20.0,  
64 offset: Offset(5.0, 5.0)) // Shadow  
65 ])) // TextStyle, Text  
66 .animate()  
67 .fadeIn(  
68 delay: 600.ms,  
69 duration: 1000.ms,  
70 curve: Curves.easeIn),  
71 Text('The Zephyra is a guardian of the enchanted skies it inhabits, bringing peace and tranquility to its surroundings. Legends tell of lost travelers and sailors who were qui  
72 textAlign: TextAlign.left,  
73 style: TextStyle(  
74 color: Color(0xFFECE8D7),  
75 fontSize: 18,  
76 height: 1.1,  
77 fontFamily: 'Almendra')) // TextStyle, Text  
78 .animate()

Use 'const' with the constructor to improve performance. ([Documentation](#))

Try adding the 'const' keyword to the constructor invocation.

Add 'const' modifier More actions...

{double left = 0.0}

Type: double

The offset from the left.

Dart Packages

⚠ 14 ✅ 1 ^

`flutter analyze`

## **magic\_beasts / .github / workflows / pull\_request.yml**

```
- name: Run Flutter Analyze  
  run: flutter analyze
```

[Summary](#)

Jobs

[audit](#)[Run details](#)[Usage](#)[Workflow file](#)**audit**

failed 2 days ago in 1m 15s

 Search logs

- >  Set up job
- >  Checkout Repository
- >  Set up Flutter
- >  Run flutter pub get
- >  Flutter Version
- >  Check Code Format
- >  Run Flutter analyze

```
1 ► Run flutter analyze
7 Analyzing magic_beasts...
8
9   info • Use 'const' with the constructor to improve performance • lib/aqualis_view.dart:25:22 • prefer_const_constructors
10  info • Use 'const' with the constructor to improve performance • lib/aqualis_view.dart:44:34 • prefer_const_constructors
11  info • Use 'const' with the constructor to improve performance • lib/aqualis_view.dart:45:32 • prefer_const_constructors
12  info • Use 'const' with the constructor to improve performance • lib/aqualis_view.dart:49:24 • prefer_const_constructors
13  info • Use 'const' with the constructor to improve performance • lib/aqualis_view.dart:53:21 • prefer_const_constructors
14  info • Use 'const' with the constructor to improve performance • lib/aqualis_view.dart:55:36 • prefer_const_constructors
15  info • Use 'const' with the constructor to improve performance • lib/aqualis_view.dart:56:40 • prefer_const_constructors
16  info • Use 'const' literals as arguments to constructors of '@immutable' classes • lib/aqualis_view.dart:60:42 • prefer_const_literals_to_create_immuta
17  info • Use 'const' with the constructor to improve performance • lib/aqualis_view.dart:61:35 • prefer_const_constructors
18  info • Use 'const' with the constructor to improve performance • lib/aqualis_view.dart:62:46 • prefer_const_constructors
19  info • Use 'const' with the constructor to improve performance • lib/aqualis_view.dart:64:47 • prefer_const_constructors
20  info • Use 'const' with the constructor to improve performance • lib/aqualis_view.dart:71:21 • prefer_const_constructors
21  info • Use 'const' with the constructor to improve performance • lib/aqualis_view.dart:73:36 • prefer_const_constructors
22  info • Use 'const' with the constructor to improve performance • lib/aqualis_view.dart:74:40 • prefer_const_constructors
23  info • Use 'const' literals as arguments to constructors of '@immutable' classes • lib/beasts_page_view.dart:19:34 • prefer_const_literals_to_create_immuta
24  info • Use 'const' with the constructor to improve performance • lib/beasts_page_view.dart:20:7 • prefer_const_constructors
25  info • Use 'const' with the constructor to improve performance • lib/beasts_page_view.dart:21:7 • prefer_const_constructors
26  info • Use 'const' with the constructor to improve performance • lib/beasts_page_view.dart:22:7 • prefer_const_constructors
27  info • Use 'const' with the constructor to improve performance • lib/beasts_page_view.dart:23:7 • prefer_const_constructors
```



fix manually



dart fix

dart fix --apply

Terminal Local × + ▾

```
darjaorlova@Darias-MBP magic_beasts % dart fix --apply
```

```
Computing fixes in magic_beasts... 1.8s
```

```
Applying fixes... 0.0s
```

```
lib/aqualis_view.dart
```

```
  avoid_escaping_inner_quotes • 1 fix
```

```
  prefer_int_literals • 3 fixes
```

```
  require_trailing_commas • 25 fixes
```

```
  unnecessary_final • 1 fix
```

```
lib/beasts_page_view.dart
```

```
  prefer_expression_function_bodies • 1 fix
```

```
  require_trailing_commas • 3 fixes
```

```
lib/ignisphinx_view.dart
```

```
  avoid_escaping_inner_quotes • 1 fix
```

```
  prefer_int_literals • 3 fixes
```

```
  require_trailing_commas • 24 fixes
```

```
  unnecessary_final • 1 fix
```



fix manually

&&



dart fix

**All checks have passed**

1 successful check



**audit / audit (pull\_request)** Successful in 1m

[Details](#)

```
47           end: const Offset(0, 0))), // OverflowBox, Transform, Align
48     Align(
49       alignment: Alignment.topRight,
50       child: Padding(
51         padding: const EdgeInsets.only(top: 48, right: 16, left: 32),
52         child:
53           Column(crossAxisAlignment: CrossAxisAlignment.end, children: [
54             const Text('Luminara',
55               textAlign: TextAlign.right,
56               style: TextStyle(
57                 color: Color(0xFFECE8D7),
58                 fontSize: 48,
59                 fontWeight: FontWeight.w700,
60                 fontFamily: 'FantasticBeast',
61                 shadows: [
62                   Shadow(
63                     color: Color(0xFF060B10),
64                     blurRadius: 20.0,
65                     offset: Offset(5.0, 5.0)) // Shadow
66                 ]) // TextStyle, Text
67             .animate()
68             .fadeIn(
69               delay: 600.ms, duration: 1000.ms, curve: Curves.easeIn),
70             const Text('The Luminara is a beacon of light and tranquility in the mystical realms it inhabits. Its presence is said to bring peace and healing',
71               textAlign: TextAlign.right,
72               style: TextStyle(
73                 color: Color(0xFFECE8D7),
74                 fontSize: 18,
75                 height: 1.1,
76                 fontFamily: 'Almendra')) // TextStyle, Text
77             .animate()
78             .fadeIn(
79               delay: 600.ms, duration: 1000.ms, curve: Curves.easeIn)
80           ]))) // Column, Padding, Align
81     ]); // Stack, Scaffold
```

100 vs 219  
all lints

flutter\_lints 4.0.0

<https://dart.dev/tools/linter-rules/all>

```
19 linter:  
20   rules:  
21     - always_declare_return_types  
22     - always_put_required_named_parameters_first  
23     - always_use_package_imports  
24     - annotate_overrides  
25     - avoid_bool_literals_in_conditional_expressions  
26     - avoid_catching_errors  
27     - avoid_double_and_int_checks  
28     - avoid_dynamic_calls  
29     - avoid_empty_else  
30     - avoid_equals_and_hash_code_on_mutable_classes  
31     - avoidEscaping_inner_quotes  
32     - avoid_field_initializers_in_const_classes  
33     - avoid_final_parameters  
34     - avoid_function_literals_in_foreach_calls  
35     - avoid_init_to_null  
36     - avoid_js_rounded_ints  
37     - avoid_multiple_declarations_per_line  
38     - avoid_null_checks_in_equality_operators  
39     - avoid_positional_boolean_parameters  
40     - avoid_print  
41     - avoid_private_typedef_functions  
42     - avoid_redundant_argument_values  
43     - avoid_relative_lib_imports  
44     - avoid_renaming_method_parameters  
45     - avoid_return_types_on_setters  
46     - avoid_returning_null_for_void  
47     - avoid_returning_this  
48     - avoid_setters_without_getters  
49     - avoid_shadowing_type_parameters  
50     - avoid_single_cascade_in_expression_statements  
51     - avoid_slow_async_io  
52     - avoid_type_to_string  
53     - avoid_types_as_parameter_names  
54     - avoid_unnecessary_containers  
55     - avoid_unused_constructor_parameters  
56     - avoid_void_async  
57     - avoid_web_libraries_in_flutter  
58     - await_only_futures  
59     - camel_case_extensions  
60     - camel_case_types  
61     - cancel_subscriptions
```

**enable** lints one by one

all\_lints.yaml

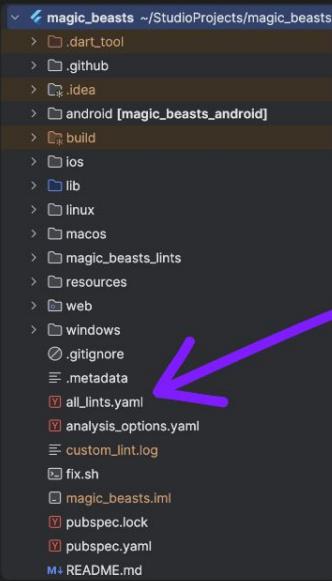


# ENABLING ALL LINTS

1. Create **all\_lints.yaml** at root level
2. Paste all lints: **<https://dart.dev/tools/linter-rules/all>**

all\_lints.yaml ×

```
1     linter:
2       rules:
192     - unnecessary_raw_strings
193     - unnecessary_statements
194     - unnecessary_string_escapes
195     - unnecessary_string_interpolations
196     - unnecessary_this
197     - unnecessary_to_list_in_spreads
198     - unreachable_from_main
199     - unrelated_type_equality_checks
200     - unsafe_html
201     - use_build_context_synchronously
202     - use_colored_box
203     - use_decorated_box
204     - useEnums
205     - use_full_hex_values_for_flutter_colors
206     - use_function_type_syntax_for_parameters
207     - use_if_null_to_convert_nulls_to_bools
208     - use_is_even_rather_than_modulo
209     - use_key_in_widget_constructors
210     - use_late_for_private_fields_and_variables
211     - use_named_constants
212     - use_raw_strings
213     - use_rethrow_when_possible
214     - use_setters_to_change_properties
215     - use_string_buffers
216     - use_string_in_part_of_directives
217     - use_super_parameters
218     - use_test_throws_matchers
219     - use_to_and_as_if_applicable
220     - valid_regexps
```



# ENABLING ALL LINTS

1. Create **all\_lints.yaml** at root level
2. Paste all lints: <https://dart.dev/tools/linter-rules/all>
3. Include **all\_lints.yaml** in **analysis\_options.yaml**

## Dart Analysis    6 warnings, 265 hints

### Description

- ⚠ Warning in the included options file /Users/darjaorlova/StudioProjects/magic\_beasts/all\_lints.yaml(1455..1487): The rule 'no\_leading\_trailing\_whitespace' was violated.
- ⚠ Warning in the included options file /Users/darjaorlova/StudioProjects/magic\_beasts/all\_lints.yaml(3480..3504): The rule 'no\_leading\_trailing\_whitespace' was violated.
- ⚠ Warning in the included options file /Users/darjaorlova/StudioProjects/magic\_beasts/all\_lints.yaml(4260..4282): The rule 'no\_leading\_trailing\_whitespace' was violated.
- ⚠ Warning in the included options file /Users/darjaorlova/StudioProjects/magic\_beasts/all\_lints.yaml(4864..4886): The rule 'no\_leading\_trailing\_whitespace' was violated.
- ⚠ Warning in the included options file /Users/darjaorlova/StudioProjects/magic\_beasts/all\_lints.yaml(4894..4913): The rule 'no\_leading\_trailing\_whitespace' was violated.
- ⚠ Warning in the included options file /Users/darjaorlova/StudioProjects/magic\_beasts/all\_lints.yaml(5757..5773): The rule 'no\_leading\_trailing\_whitespace' was violated.

## Dart Analysis    6 warnings, 265 hints

### Description

- ⚠ Warning in the included options file /Users/darjaorlova/StudioProjects/magic\_beasts/all\_lints.yaml(1455..1487): The rule 'prefer\_double\_quotes' is incompatible with the rule 'prefer\_single\_quotes'.  
This warning is suppressed by the 'ignore' directive.
- ⚠ Warning in the included options file /Users/darjaorlova/StudioProjects/magic\_beasts/all\_lints.yaml(3480..3504): The rule 'prefer\_double\_quotes' is incompatible with the rule 'prefer\_single\_quotes'.  
This warning is suppressed by the 'ignore' directive.
- ⚠ Warning in the included options file /Users/darjaorlova/StudioProjects/magic\_beasts/all\_lints.yaml(4260..4282): The rule 'prefer\_double\_quotes' is incompatible with the rule 'prefer\_single\_quotes'.  
This warning is suppressed by the 'ignore' directive.
- ⚠ Warning in the included options file /Users/darjaorlova/StudioProjects/magic\_beasts/all\_lints.yaml(4864..4886): The rule 'prefer\_double\_quotes' is incompatible with the rule 'prefer\_single\_quotes'.  
This warning is suppressed by the 'ignore' directive.
- ⚠ Warning in the included options file /Users/darjaorlova/StudioProjects/magic\_beasts/all\_lints.yaml(4894..4913): The rule 'prefer\_double\_quotes' is incompatible with the rule 'prefer\_single\_quotes'.  
This warning is suppressed by the 'ignore' directive.
- ⚠ Warning in the included options file /Users/darjaorlova/StudioProjects/magic\_beasts/all\_lints.yaml(5757..5773): The rule 'prefer\_double\_quotes' is incompatible with the rule 'prefer\_single\_quotes'.  
This warning is suppressed by the 'ignore' directive.

The rule 'prefer\_single\_quotes' is incompatible with the rule 'prefer\_double\_quotes'.

# ENABLING ALL LINTS

1. Create **all\_lints.yaml** at root level
2. Paste all lints: <https://dart.dev/tools/linter-rules/all>
3. Include **all\_lints.yaml** in **analysis\_options.yaml**
4. Configure conflicting rules

analysis\_options.yaml ×

```
1 include: all_lints.yaml
2
3 analyzer:
4   errors:
5     included_file_warning: ignore
6
7 linter:
8   rules:
9     # Quote preferences
10    prefer_double_quotes: false
11    prefer_single_quotes: true
12
13    # Type specification
14    always_specify_types: false
15    omit_local_variable_types: true
16
17    # Final and const usage
18    prefer_final_fields: true
19    prefer_final_parameters: false
20    avoid_final_parameters: true
21    prefer_final_locals: false
22    unnecessary_final: true
23
24    # Closure parameters
25    avoid_types_on_closure_parameters: true
```

analysis\_options.yaml ×

```
1   include: all_lints.yaml
2
3   analyzer:
4     errors:
5       included_file_warning: ignore
6
7   linter:
8     rules:
9       # Quote preferences
10      prefer_double_quotes: false
11      prefer_single_quotes: true
12
13     # Type specification
14     always_specify_types: false
15     omit_local_variable_types: true
```

analysis\_options.yaml ×

```
1   include: all_lints.yaml
2
3   analyzer:
4     errors:
5       included_file_warning: ignore
6
7   linter:
8     rules:
9       # Quote preferences
10      prefer_double_quotes: false
11      prefer_single_quotes: true
12
13      # Type specification
14      always_specify_types: false
15      omit_local_variable_types: true
```

Description	Location
i Local variables should not be marked as 'final'.	[magic_beasts] lib/aqualis_view.dart:16
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:21
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:21
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:25
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:25
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:25
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:34
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:39
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:45
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:45
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:45
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:45
i Use the constant 'Offset.zero' rather than a constructor returning the same object.	[magic_beasts] lib/aqualis_view.dart:45
i Unnecessary use of a 'double' literal.	[magic_beasts] lib/aqualis_view.dart:63
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:64
i Unnecessary use of a 'double' literal.	[magic_beasts] lib/aqualis_view.dart:64
i Unnecessary use of a 'double' literal.	[magic_beasts] lib/aqualis_view.dart:64
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:65
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:65
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:65
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:65
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:70
i The line length exceeds the 80-character limit.	[magic_beasts] lib/aqualis_view.dart:72
i Unnecessary escape of "".	[magic_beasts] lib/aqualis_view.dart:72
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:78
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:78
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:83
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:84
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:84
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:84
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:84
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:85
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:85
i Missing a required trailing comma.	[magic_beasts] lib/aqualis_view.dart:85
i Unnecessary use of a block function body.	[magic_beasts] lib/beasts_page_view.dart:17
i Missing a required trailing comma.	[magic_beasts] lib/beasts_page_view.dart:25
i Missing a required trailing comma.	[magic_beasts] lib/beasts_page_view.dart:25
i Missing a required trailing comma.	[magic_beasts] lib/beasts_page_view.dart:25
i Local variables should not be marked as 'final'.	[magic_beasts] lib/ignisphinx_view.dart:16
i Missing a required trailing comma.	[magic_beasts] lib/ignisphinx_view.dart:21
i Missing a required trailing comma.	[magic_beasts] lib/ignisphinx_view.dart:25



**Anton Borries** @ABausG · 8h

Do you still do the talk somewhere?

...

I'd like to propose another slide:



*Why is it, when something happens, it is always you three?*



REQUIRE\_TRAILING\_COMMAS

PREFER\_CONST\_CONSTRUCTORS

PREFER\_SINGLE\_QUOTES

```
13 class _ShadowfelisViewState extends State<ShadowfelisView> {
14   @override
15   Widget build(BuildContext context) {
16     var maxH = MediaQuery.of(context).size.height;
17     return Scaffold(
18       body: Stack(children: [
19         Positioned.fill(
20           child: Image.asset('resources/images/bg_forest.webp',
21             fit: BoxFit.cover)), // Image.asset, Positioned.fill
22         ClipRRect(
23           child: BackdropFilter(
24             filter: ImageFilter.blur(sigmaX: 12, sigmaY: 12),
25             child: const SizedBox.expand())), // BackdropFilter, ClipRRect
26         Align(
27           alignment: Alignment.bottomRight,
28           child: Transform(
29             transform: Matrix4.translationValues(130, 240, 0),
30             child: OverflowBox(
31               maxHeight: 2000,
32               maxWidth: 2000,
33               child: Image.asset('resources/images/shadowfelis.png',
34                 height: maxH * 0.9, fit: BoxFit.contain) // Image.asset
35               .animate()
36               .fadeIn(
37                 delay: 300.ms,
38                 duration: 1000.ms,
39                 curve: Curves.easeIn)
40               .move(
41                 delay: 300.ms,
42                 duration: 1000.ms,
43                 curve: Curves.easeIn,
44                 begin: const Offset(100, 20),
45                 end: const Offset(0, 0))))))
46       // OverflowBox, Transform, Align
47     
```

```
13 class _ShadowfelisViewState extends State<ShadowfelisView> {
14   @override
15   Widget build(BuildContext context) {
16     var maxH = MediaQuery.of(context).size.height;
17     return Scaffold(
18       body: Stack(
19         children: [
20           Positioned.fill(
21             child: Image.asset(
22               'resources/images/bg_forest.webp',
23               fit: BoxFit.cover,
24             ), // Image.asset
25           ), // Positioned.fill
26           ClipRRect(
27             child: BackdropFilter(
28               filter: ImageFilter.blur(sigmaX: 12, sigmaY: 12),
29               child: const SizedBox.expand(),
30             ), // BackdropFilter
31           ), // ClipRRect
32           Align(
33             alignment: Alignment.bottomRight,
34             child: Transform(
35               transform: Matrix4.translationValues(130, 240, 0),
36               child: OverflowBox(
37                 maxHeight: 2000,
38                 maxWidth: 2000,
39                 child: Image.asset(
40                   'resources/images/shadowfelis.png',
41                   height: maxH * 0.9,
42                   fit: BoxFit.contain,
43                 ), // Image.asset
44                 .animate()
45                 .fadeIn(
46                   duration: Duration(milliseconds: 500),
47                 ),
48               ),
49             ),
50           ),
51         ],
52       ),
53     );
54   }
55 }
```



DCM

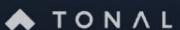


More than linter.  
Configure in minutes, save hours.

# Dart Code Metrics

[Start Teams Trial](#)

Used by amazing teams



## 300+ unique configurable rules

```
dart_code_metrics:  
  rules:  
    - avoid-unused-parameters  
    - avoid-unrelated-type-assertions  
    - prefer-return-await  
    - always-remove-listener  
    - use-setstate-synchronously  
    - avoid-incomplete-copy-with  
    - dispose-fields  
    - proper-super-calls  
    - avoid-redundant-async
```

## Quick fixes

### Quick Fix...

- 💡 Move first
- 💡 Ignore proper-super-calls for this line
- 💡 Ignore proper-super-calls for the entire file
- 💡 Fix all auto-fixable problems

### Extract...

- ⚡ Extract Method
- ⚡ Wrap With ...

## Unused code and files detection

```
$: dcm check-unused-code lib  
  
✓ Analysis is completed.  
  
lib/main.dart:  
  △ unused function someFunction  
    at /path/to/file.dart:4:1  
  △ unused top level variable someVar  
    at /path/to/file.dart:6:1  
  △ unused class SomeClass  
    at /path/to/file.dart:8:1
```

## 22+ code metrics

```
dart_code_metrics:  
  metrics:  
    cyclomatic-complexity: 20  
    number-of-parameters: 4  
    maximum-nesting-level: 5  
    widgets-nesting-level: 5  
    number-of-used-widgets: 20  
    depth-of-inheritance-tree: 3  
    number-of-imports: 10  
    maintainability-index: 50  
    halstead-volume: 150
```

Looking for OSS license?

Need to understand ROI?

### Free

**\$0**

For personal projects

#### Features

- 35 lint rules
- 22 metrics
- Assists
- Configurable formatter

### Pro

**\$18 / month**

For individual developers

#### Everything in Free, plus

- 300+ lint rules
- Rules configurability
- Quick fixes and fix from CLI
- Presets
- Unused code in IDE
- Refactoring commands
- Widgets analysis

### Teams

**\$14 per user / month**

For established teams

#### Everything in Pro, plus

- CI/CD key
- GitHub actions
- Admin portal to manage seats
- Advanced reporters
- Global version configuration
- Baseline
- Violations preview
- Dedicated support

### Enterprise

**Custom**

For enterprise needs

#### Everything in Teams, plus

- Unlimited seats
- Custom IDEs support
- CI-only license option
- Roadmap priority
- Priority support
- Custom terms

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## Open Source license request

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Contact Email

Please ensure that the email is correct and reachable

Project URL

Tell Us About Your Project

Apply For OSS License

By submitting this form, I confirm that I have read  
and understood the [Privacy Policy](#).

## analysis\_options.yaml ×

```
• 1   ✓ dart_code_metrics:  
• 2   ✓   extends:  
• 3       |   - recommended
```

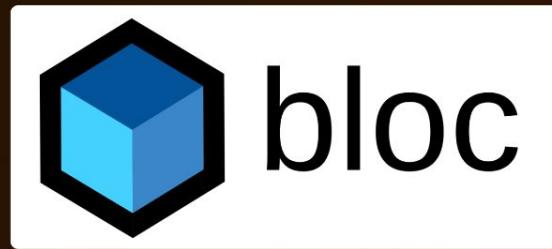
```
1  dart_code_metrics:  
2    rules:  
3      # Show potential errors  
4      - avoid-cascade-after-if-null  
5      - avoid-collection-methods-with-unrelated-types  
6      - avoid-duplicate-exports  
7      - avoid-dynamic  
8      - avoid-missing-enum-constant-in-map  
9      - avoid-passing-async-when-sync-expected  
10     - avoid-throw-in-catch-block  
11     - avoid-unused-parameters  
12     - avoid-unnecessary-type-assertions  
13     - avoid-unnecessary-type-casts  
14     - avoid-unrelated-type-assertions  
15     - avoid-unrelated-type-casts  
16     - no-empty-block  
17     - no-equal-then-else  
18     - prefer-correct-test-file-name  
19     - prefer-match-file-name  
20     - prefer-return-await  
21     - avoid-self-assignment  
22     - avoid-self-compare  
23     - avoid-shadowing  
24     - prefer-iterable-of  
25     - no-equal-switch-case  
26     - no-equal-conditions  
27     - avoid-equal-expressions  
28     - avoid-missed-calls  
29     - avoid-unnecessary-negations  
30     - avoid-unused-generics  
31     - function-always-returns-null  
32     - avoid-throw-objects-without-tostring  
33     - avoid-unsafe-collection-methods  
34     - prefer-wildcard-pattern  
35     - no-equal-switch-expression-cases  
36     - avoid-future-tostring  
37     - avoid-unassigned-late-fields  
38     - avoid-nested-futures  
39     - avoid-generics-shadowing  
40     - prefer-parentheses-with-if-null  
41     - no-equal-nested-conditions  
42     - avoid-shadowed-extension-methods  
43     - avoid-unnecessary-conditionals  
44     - avoid-double-slash-imports  
45     - avoid-map-keys-contains  
46     - prefer-correct-json-casts  
47     - avoid-duplicate-mixins  
48     - avoid-nullable-interpolation  
49     - avoid-unused-instances  
50     - prefer-correct-for-loop-increment  
51     - prefer-public-exception-classes  
52     - avoid-uncaught-future-errors  
53     - always-remove-listener  
54     - avoid-unnecessary-setstate  
55     - check-for-equals-in-render-object-setters  
56     - consistent-update-render-object  
57     - use-setstate-synchronously  
58     - avoid-incomplete-copy-with  
59     - proper-super-calls  
60     - dispose-fields  
61     - avoid-empty-setstate  
62     - avoid-state-constructors  
63     - avoid-recursive-widget-calls  
64     - avoid-missing-image-alt  
65     - avoid-passing-self-as-argument  
66     - avoid-unnecessary-if  
67     - avoid-unconditional-break  
68     - avoid-referencing-discarded-variables  
69     - avoid-unnecessary-local-late  
70     - avoid-wildcard-cases-with-enums  
71     - match-getter-setter-field-names  
72     - avoid-accessing-collections-by-constant-index  
73     - prefer-unique-test-names  
74     - avoid-duplicate-cascades  
75     - prefer-specific-cases-first  
76     - avoid-duplicate-switch-case-conditions  
77     - prefer-explicit-function-type  
78     - avoid-misused-test-matchers  
79     - avoid-duplicate-test-assertions  
80     - prefer-switch-with-enums  
81     - prefer-any-or-every  
82     - avoid-duplicate-map-keys
```

```
1  dart_code_metrics:  
2    rules:  
3      # Show potential errors  
4      - avoid-cascade-after-if-null  
5      - avoid-collection-methods-with-unrelated-types  
6      - avoid-duplicate-exports  
7      - avoid-dynamic  
8      - avoid-missing-enum-constant-in-map  
9      - avoid-passing-async-when-sync-expected  
10     - avoid-throw-in-catch-block  
11     - avoid-unused-parameters  
12  
13  
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77  
78  
79  
80  
81  
82
```



```
dart_code_metrics:  
  rules:  
    # Show potential errors
```

```
    - function-always-returns-null  
    - avoid-throw-objects-without-tostring  
    - avoid-unsafe-collection-methods  
    - prefer-wildcard-pattern  
    - no-equal-switch-expression-cases  
    - avoid-future-tostring  
    - avoid-unassigned-late-fields  
    - avoid-nested-futures  
    - avoid-generics-shadowing  
    - prefer-parentheses-with-if-null  
    - no-equal-nested-conditions  
    - avoid-accessing-collections-by-constant-index  
    - prefer-unique-test-names  
    - avoid-duplicate-cascades  
    - prefer-specific-cases-first  
    - avoid-duplicate-switch-case-conditions  
    - prefer-explicit-function-type  
    - avoid-misused-test-matchers  
    - avoid-duplicate-test-assertions  
    - prefer-switch-with-enums  
    - prefer-any-or-every  
    - avoid-duplicate-map-keys  
    - avoid-conditionals-with-constant-literals  
    # Enable with the next release  
    # - avoid-multi-assignment  
    # - avoid-collection-equality-checks  
    # - avoid-only-rethrow
```



GetX

get\_it 7.7.0

provider 6.1.2



DCM 22 warnings

- ⌚  aqualis\_view.dart ~/StudioProjects/magic\_beasts/lib 4 problems
  - ⚠ This widget can be converted to a 'StatelessWidget'. :6
  - ⚠ Prefer dedicated 'MediaQuery' methods instead of general 'of/maybeOf' methods. :16
  - ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :21
  - ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :39
- ⌚  beasts\_page\_view.dart ~/StudioProjects/magic\_beasts/lib 1 problem
  - ⚠ This widget can be converted to a 'StatelessWidget'. :8
- ⌚  ignisphinx\_view.dart ~/StudioProjects/magic\_beasts/lib 4 problems
  - ⚠ This widget can be converted to a 'StatelessWidget'. :6
  - ⚠ Prefer dedicated 'MediaQuery' methods instead of general 'of/maybeOf' methods. :16
  - ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :22
  - ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :37
- ⌚  luminara\_view.dart ~/StudioProjects/magic\_beasts/lib 4 problems
  - ⚠ This widget can be converted to a 'StatelessWidget'. :6
  - ⚠ Prefer dedicated 'MediaQuery' methods instead of general 'of/maybeOf' methods. :16
  - ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :21
  - ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :39
- ⌚  main.dart ~/StudioProjects/magic\_beasts/lib 1 problem
  - ⚠ The first class name does not match the file name. Try renaming it. :8
- ⌚  shadowfelis\_view.dart ~/StudioProjects/magic\_beasts/lib 4 problems
  - ⚠ This widget can be converted to a 'StatelessWidget'. :6
  - ⚠ Prefer dedicated 'MediaQuery' methods instead of general 'of/maybeOf' methods. :16
  - ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :21
  - ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :39
- ⌚  zephyra\_view.dart ~/StudioProjects/magic\_beasts/lib 4 problems
  - ⚠ This widget can be converted to a 'StatelessWidget'. :6
  - ⚠ Prefer dedicated 'MediaQuery' methods instead of general 'of/maybeOf' methods. :16
  - ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :21
  - ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :39

DCM

22 warnings

q aqualis\_view.dart ~/StudioProjects/magic\_beasts/lib 4 problems

- ⚠ This widget can be converted to a 'StatelessWidget'. :6
- ⚠ Prefer dedicated 'MediaQuery' methods instead of general 'of/maybeOf' methods. :16
- ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :21
- ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :39

beasts\_page\_view.dart ~/StudioProjects/magic\_beasts/lib 1 problem

- ⚠ This widget can be converted to a 'StatelessWidget'. :8

ignisphinx\_view.dart ~/StudioProjects/magic\_beasts/lib 4 problems

- ⚠ This widget can be converted to a 'StatelessWidget'. :6

shadowbeast\_view.dart ~/StudioProjects/magic\_beasts/lib 4 problems

- ⚠ This widget can be converted to a 'StatelessWidget'. :6

## q aqualis\_view.dart ~/StudioProjects/magic\_beasts/lib 4 problems

- ⚠ This widget can be converted to a 'StatelessWidget'. :6
- ⚠ Prefer dedicated 'MediaQuery' methods instead of general 'of/maybeOf' methods. :16
- ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :21

shadowbeast\_view.dart ~/StudioProjects/magic\_beasts/lib 4 problems

- ⚠ This widget can be converted to a 'StatelessWidget'. :6
- ⚠ Prefer dedicated 'MediaQuery' methods instead of general 'of/maybeOf' methods. :16
- ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :21
- ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :39

zephyra\_view.dart ~/StudioProjects/magic\_beasts/lib 4 problems

- ⚠ This widget can be converted to a 'StatelessWidget'. :6
- ⚠ Prefer dedicated 'MediaQuery' methods instead of general 'of/maybeOf' methods. :16
- ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :21
- ⚠ Avoid images without a semantic label. Try providing the 'semanticLabel' argument. :39



DCM 22 warnings

- ⌚ **equalis\_view.dart** ~/StudioProjects/magic\_beasts/lib 4 problems
  - ⚠ This widget can be converted to a ' StatelessWidget'. :6
  - ⚠ Prefer dedicated 'MediaQuery' methods instead of general 'of/maybeOf' methods. :16
  - ⚠ Avoid Images without a semantic label. Try providing the 'semanticLabel' argument. :21

⌄  **main.dart** ~/StudioProjects/magic\_beasts/lib 1 problem

**⚠ The first class name does not match the file name. Try renaming it. :8**

- ⚠ Avoid Images without a semantic label. Try providing the 'semanticLabel' argument. :37
- ⌚ **luminara\_view.dart** ~/StudioProjects/magic\_beasts/lib 4 problems
  - ⚠ This widget can be converted to a ' StatelessWidget'. :6
  - ⚠ Prefer dedicated 'MediaQuery' methods instead of general 'of/maybeOf' methods. :16
  - ⚠ Avoid Images without a semantic label. Try providing the 'semanticLabel' argument. :21
  - ⚠ Avoid Images without a semantic label. Try providing the 'semanticLabel' argument. :39
- ⌚ **main.dart** ~/StudioProjects/magic\_beasts/lib 1 problem
  - ⚠ The first class name does not match the file name. Try renaming it. :8
- ⌚ **shadowfalls\_view.dart** ~/StudioProjects/magic\_beasts/lib 4 problems
  - ⚠ This widget can be converted to a ' StatelessWidget'. :6
  - ⚠ Prefer dedicated 'MediaQuery' methods instead of general 'of/maybeOf' methods. :16
  - ⚠ Avoid Images without a semantic label. Try providing the 'semanticLabel' argument. :21
  - ⚠ Avoid Images without a semantic label. Try providing the 'semanticLabel' argument. :39

- ⌚ **zephyra\_view.dart** ~/StudioProjects/magic\_beasts/lib 4 problems
  - ⚠ This widget can be converted to a ' StatelessWidget'. :6
  - ⚠ Prefer dedicated 'MediaQuery' methods instead of general 'of/maybeOf' methods. :16
  - ⚠ Avoid Images without a semantic label. Try providing the 'semanticLabel' argument. :21
  - ⚠ Avoid Images without a semantic label. Try providing the 'semanticLabel' argument. :39



## main.dart

```
1 import 'package:flutter/material.dart';
2 import 'package:magic_beasts/beasts_page_view.dart';
3
4 >> void main() {
5     runApp(const MagicBeastsApp());
6 }
7
8 class MagicBeastsApp extends StatelessWidget {
9     const MagicBeastsApp({super.key});
10
11     @override
12     Widget build(BuildContext context) => MaterialApp(
13         title: 'Magic Beasts',
14         theme: ThemeData(
15             colorScheme: ColorScheme.fromSeed(seedColor: Colors.deepPurple),
16             useMaterial3: true,
17         ), // ThemeData
18         home: const BeastsPageView(),
19     ); // MaterialApp
20 }
```



magic\_beasts\_app.dart

```
1 import 'package:flutter/material.dart';
2 import 'package:magic_beasts/beasts_page_view.dart';
3
4 class MagicBeastsApp extends StatelessWidget {
5     const MagicBeastsApp({super.key});
6
7     @override
8     Widget build(BuildContext context) {
9         return MaterialApp(
10             title: 'Magic Beasts',
11             theme: ThemeData(primarySwatch: Colors.blue),
12             home: const BeastsPageView(),
13         ); // MaterialApp
14     }
15 }
```



magic\_beasts\_app.dart



main.dart

dcm analyze lib

## magic\_beasts / .github / workflows / pull\_request.yml

```
- name: Install DCM
  if: '!cancelled()'
  uses: CQLabs/setup-dcm@v1
  with:
    github_token: ${{ secrets.GITHUB_TOKEN }}

- name: Run DCM Analyze
  if: '!cancelled()'
  run: dcm analyze --ci-key="${{ secrets.DCM_CI_KEY }}" --email="${{ secrets.DCM_EMAIL }}" lib
```

## audit

failed 2 days ago in 1m 21s

 Search logs>  Flutter Version>  Run Flutter analyze>  Install DCM▼  Run DCM analyze

```
1 ► Run dcm analyze --ci-key="***" --email="***" lib
2
3
4
5
6
7
8   ▷ Analyzing...
9
10  : Analyzing 7 files... 9ms
11  : Analyzing 7 files... 4.5s
12  : Analyzing 7 files... 4.6s
13 ✓ Analysis is completed. Preparing the results: 4.6s
14
15 lib/main.dart:
16 WARNING  The first class name does not match the file name. Try renaming it.
17      at lib/main.dart:8:7
18      prefer-match-file-name : https://dcm.dev/docs/rules/common/prefer-match-file-name
19
20
21 lib/aqualis_view.dart:
22 WARNING  This widget can be converted to a 'StatelessWidget'.
23      at lib/aqualis_view.dart:6:1
24      avoid-unnecessary-stateful-widgets : https://dcm.dev/docs/rules/flutter/avoid-unnecessary-stateful-widgets
25
26 WARNING  Prefer dedicated 'MediaQuery' methods instead of general 'of/maybeOf' methods.
27      at lib/aqualis_view.dart:16:27
28      prefer-dedicated-media-query-methods : https://dcm.dev/docs/rules/flutter/prefer-dedicated-media-query-methods
29
30 WARNING  Avoid images without a semantic label. Try providing the 'semanticLabel' argument.
31      at lib/aqualis_view.dart:21:20
32      avoid-missing-image-alt : https://dcm.dev/docs/rules/flutter/avoid-missing-image-alt
33
34 WARNING  Avoid images without a semantic label. Try providing the 'semanticLabel' argument.
35      at lib/aqualis_view.dart:39:24
36      avoid-missing-image-alt : https://dcm.dev/docs/rules/flutter/avoid-missing-image-alt
```



fix manually

&&



dcm fix

dcm fix

```
dart_code_metrics:
  metrics:
    cyclomatic-complexity: 20
    number-of-parameters: 4
    maximum-nesting-level: 3
  metrics-exclude:
    - test/**
rules:
  # Common
  - avoid-banned-imports:
      entries:
        - paths: [ "data/", "domain/" ]
          deny: [ "package:flutter/widgets.dart", "package:flutter/material.dart", "package:flutter/cupertino.dart" ]
          message: "Do not import UI libs in domain/data layers"
  - avoid-cascade-after-if-null
  - avoid-collection-methods-with-unrelated-types
  - avoid-double-slash-imports
  - avoid-duplicate-exports
  - avoid-dynamic
  - avoid-global-state
  - avoid-missing-enum-constant-in-map
  - avoid-nested-conditional-expressions:
      acceptable-level: 2
  - avoid-non-null-assertion
  - avoid-passing-async-when-sync-expected:
      exclude:
        - test/**
  - avoid-redundant-async
  - avoid-throw-in-catch-block
  - avoid-unnecessary-conditionals
  - avoid-unnecessary-type-assertions
  - avoid-unnecessary-type-casts
  - avoid-unrelated-type-assertions
  - avoid-unused-parameters
  - banned-usage:
      exclude:
        - domain/lib/time/time_provider.dart
      entries:
        - ident: DateTime.now
          description: Please use TimeProvider.now() instead
        - ident: SharedPreferences.getInstance
          description: Please use designated repository instead
```

```
116      - binary-expression-operand-order
117      - double-literal-format
118      - format-comment:
119          only-doc-comments: false
120      - member-ordering:
121          alphabetize: false
122          order:
123              - public-fields
124              - private-fields
125              - constructors
126              - override-method
127              - close-method
128              - dispose-method
129      # Common
130      - avoid-banned-imports:
131          entries:
132              - paths: [ "data/", "domain/" ]
133              - deny: [ "package:flutter/widg
134                  message: "Do not import UI li
135          - avoid-cascade-after-if-null
136          - avoid-collection-methods-with-unrel
137          - avoid-double-slash-imports
138          - avoid-duplicate-exports
139          - avoid-dynamic
140          - avoid-global-state
141          - avoid-missing-enum-constant-in-map
142          - avoid-nested-conditional-expression
143              acceptable-level: 2
144          - avoid-non-null-assertion
145          - avoid-passing-async-when-sync-expec
146              exclude:
147                  - test/**
148          - avoid-redundant-async
149          - avoid-throw-in-catch-block
150          - avoid-unnecessary-conditionals
151          - avoid-unnecessary-type-assertions
152          - avoided-usage:
153              exclude:
154                  - domain/lib/time/time_provider
155          entries:
156              - ident: DateTime.now
157                  description: Please use TimeP
158              - ident: SharedPreferences.getI
159                  description: Please use desig
160
161      - widgets-order:
162          - constructor
163          - init-state-method
164          - did-change-dependencies-method
165          - did-update-widget-method
166          - build-method
167          - dispose-method
168          - private-methods
169          - newline-before-return
170          - no-boolean-literal-compare
171          - no-empty-block
172          - no-equal-arguments:
173              ignored-parameters:
174                  - height
175                  - width
176                  - left
177                  - right
178                  - top
179                  - bottom
180                  - backgroundColor
181                  - barrierColor
182                  - focusedBorder
183                  - enabledBorder
184                  - topLeft
185                  - topRight
186                  - bottomLeft
187                  - bottomRight
188                  - highlightColor
189                  - splashColor
190                  - selectedItemColor
191                  - unselectedItemColor
192                  - selectedLabelStyle
```

```
dart_code_metrics: 116 - binary-expression-operand-order 164 - no-equal-then-else
metrics: 117 - double-literal-format 165 - no-object-declaration
cyclomatic-complexity: 20 118 - format-comment: 166 - prefer-async-await
number-of-parameters: 4 119 only-doc-comments: false 167 - prefer-commenting-analyzer-ignores
maximum-nesting-level: 3 120 - member-ordering: 168 - prefer-conditional-expressions
metrics-exclude: 121 alphabetize: false 169 - prefer-correct-test-file-name
- test/** 122 order: 170 - prefer-correct-type-name:
rules: 123 - public-fields 171 min-length: 3
124 - private-fields 172 - preferEnums-by-name
125 - constructors 173 - prefer-first
# Common 126 - override-method 174 - prefer-immediate-return
- avoid-banned-imports: 127 - close-method 175 - prefer iterable-of
entries: 128 - dispose-method 176 - prefer-last
- paths: [ "data/", "domain/" ] 129 widgets-order: 177 - prefer-match-file-name:
deny: [ "package:flutter/widg 130 - constructor 178 exclude:
message: "Do not import UI li 131 - init-state-method 179 - test/**"
- avoid-cascade-after-if-null 132 - did-change-dependencies-me 180 - prefer-moving-to-variable:
- avoid-collection-methods-with-unrel 133 - did-update-widget-method 181 allowed-duplicated-chains: 2
- avoid-double-slash-imports 134 - build-method 182 - avoid-similar-names:
- avoid-duplicate-exports 135 - dispose-method 183 show-similarity: true
- avoid-dynamic 136 - private-methods 184 similarity-threshold: 0.9
- avoid-global-state 137 - newline-before-return 185 - avoid-explicit-type-declaration
- avoid-missing-enum-constant-in-map 138 - no-boolean-literal-compare 186 - avoid-non-null-assertion
- avoid-nested-conditional-expression 139 - no-empty-block 187 - avoid-unsafe-collection-methods
acceptable-level: 2 140 - no-equal-arguments: 188 - function-always-returns-null
- avoid-non-null-assertion 141 ignored-parameters: 189 - preferEnums-by-name
- avoid-passing-async-when-sync-exec 142 - height 190 - avoid-equal-expressions
exclude: 143 - width 191 - avoid-unnecessary-return
- test/** 144 - left 192 - avoid-shadowing:
- avoid-redundant-async 145 - right 193 ignore-parameters: true
- avoid-throw-in-catch-block 146 - top 194 - avoid-redundant-else
- avoid-unnecessary-conditionals 147 - bottom 195 - avoid-self-assignment
- avoid-unnecessary-type-assertions 148 - backgroundColor 196 - list-all-equatable-fields
- avoid-unnecessary-type-casts 149 - barrierColor 197 - arguments-ordering:
- avoid-unrelated-type-assertions 150 - focusedBorder 198 child-last: true
- avoid-unused-parameters 151 - enabledBorder 199 - avoid-unnecessary-negations
- banned-usage: 152 - topLeft 200 - avoid-inverted-boolean-checks
exclude: 153 - topRight 201 - avoid-substring
- domain/lib/time/time_provider 154 - bottomLeft 202 - prefer-declaring-const-constructor:
entries: 155 - bottomRight 203 allow-one: true
- ident: DateTime.now 156 - highlightColor 204 - prefer-early-return
description: Please use TimeP 157 - splashColor 205 - prefer-explicit-parameter-names
- ident: SharedPreferences.getI 158 - selectedItemColor 206 - avoid-mutating-parameters
description: Please use desig 159 - unselectedItemColor 207 - no-equal-nested-conditions
160 - selectedLabelStyle 208 - avoid-negated-conditions
```

```
dart_code_metrics: 116 - binary-expression-operand-order 164 - no-equal-then-else
metrics: 117 - double-literal-format 165 - no-object-declaration 209 - avoid-unnecessary-futures
cyclomatic-complexity: 20 118 - format-comment: 166 - prefer-async-await 210 - avoid-shadowed-extension-methods
number-of-parameters: 4 119 only-doc-comments: false 167 - prefer-commenting-analyzer-if 211 - avoid-importing-entrypoint-exports:
maximum-nesting-level: 3 120 - member-ordering: 168 - prefer-conditional-expression 212 - exclude:
metrics-exclude: 121 alphabetize: false 169 - prefer-correct-test-file-name 213 - test/**
122 order: 170 - prefer-correct-type-name: 214 - prefer-date-format
rules: 123 - public-fields 171 - min-length: 3 215 - prefer-correct-identifier-length:
124 - private-fields 172 - prefer-enums-by-name 216 exceptions: [ 'x', 'y', 'id' ]
125 - constructors 173 - prefer-first 217 max-identifier-length: 40
# Common 126 - override-method 174 - prefer-immediate-return 218 min-identifier-length: 3
127 - close-method 175 - prefer-iterable-of 219 - no-equal-conditions
128 - dispose-method 176 - prefer-last 220 - prefer-returning-conditional-expressions
129 widgets-order: 177 - prefer-match-file-name: 221 - avoid-unrelated-type-casts
deny: [ "package:flutter/widget" ] 130 - constructor 178 - exclude:
131 message: "Do not import UI li 132 - init-state-method 179 - test/**
132 - avoid-cascade-after-if-null 133 - did-change-dependencies-me 180 - prefer-moving-to-variable:
133 - avoid-collection-methods-with-unrel 134 - did-update-widget-method 181 allowed-duplicated-chains: 225 - avoid-nullable-interpolation
134 - avoid-double-slash-imports 135 - build-method 182 - avoid-similar-names: 226 - prefer-named-boolean-parameters:
135 - avoid-duplicate-exports 136 - dispose-method 183 show-similarity: true 227 ignore-single: true
136 - avoid-dynamic 137 - private-methods 184 similarity-threshold: 0.9 228 ignore-single-boolean: true
137 - avoid-global-state 138 - newline-before-return 185 - avoid-explicit-type-declarati 230 - avoid-unused-instances
138 - avoid-missing-enum-constant-in-map 139 - no-boolean-literal-compare 186 - avoid-non-null-assertion 231 - prefer-correct-for-loop-increment
139 acceptable-level: 2 140 - no-empty-block 187 - avoid-unsafe-collection-methc 232 - prefer-public-exception-classes
140 - avoid-non-null-assertion 141 - no-equal-arguments: 188 - function-always-returns-null 233 - match-class-name-pattern:
141 exclude: 142 ignored-parameters: 189 entries:
142 - test/** 143 - height 190 - path: '.*_bloc_event.dart'
143 - avoid-redundant-async 144 - width 191 - pattern: 'Event$'
144 - avoid-throw-in-catch-block 145 - left 192 - avoid-unnecessary-return 236 - path: 'data/.*_request_body.dart'
145 - avoid-unnecessary-conditionals 146 - right 193 - avoid-shadowing: 237 - pattern: 'RequestBodys'
146 - avoid-unnecessary-type-assertions 147 - top 194 - ignore-parameters: true 238 - path: 'data/.*_response.dart'
147 - avoid-unnecessary-type-casts 148 - bottom 195 - avoid-redundant-else 239 - pattern: 'Response$'
148 - avoid-unrelated-type-assertions 149 - backgroundColor 196 - avoid-self-assignment 240 - avoid-unnecessary-reassignment
149 - avoid-unused-parameters 150 - barrierColor 197 - list-all-equatable-fields 241 - prefer-correct-error-name:
150 - banned-usage: 151 - focusedBorder 198 - arguments-ordering: 242 allowed-names:
151 exclude: 152 - enabledBorder 199 child-last: true 243 - ex
152 - domain/lib/time/time_provider 153 - topLeft 200 - avoid-unnecessary-negations 244 - avoid-long-functions:
153 entries: 154 - topRight 201 - avoid-inverted-boolean-checks 245 exclude:
154 - ident: DateTime.now 155 - bottomLeft 202 - avoid-substring 246 - test/**
155 description: Please use TimeP 156 - bottomRight 203 - prefer-declaring-const-const: 247 ignored-names:
156 - ident: SharedPreferences.getI 157 - highlightColor 204 allow-one: true 248 - build
157 description: Please use desig 158 - splashColor 205 - prefer-early-return 249 - builder
158 159 - selectedItemColor 206 - prefer-explicit-parameter-nam 250 - listener
159 - unselectedItemColor 207 - avoid-mutating-parameters 251 - itemBuilder
160 - selectedLabelStyle 208 - no-equal-nested-conditions 252 - avoid-referencing-discarded-variables
160 - avoid-negated-conditions 209 - avoid-unconditional-break
```



```

dert_code_metrics:
  metrics:
    cyclomatic-complexity: 20
    number-of-parameters: 4
    maximum-nesting-levels: 3
  metrics-excludes:
    - test/**/
  rules:
    # Common
    - avoid-banned-imports:
      entries:
        - paths: [ "data/", "domain/" ]
        deny: [ "package:flutter/widgets.dart" ]
        message: "Do not import UI li
    - avoid-cascade-after-if-null
    - avoid-collection-methods-with-unres
    - avoid-double-slash-imports
    - avoid-duplicate-experts
    - avoid-dynamic

```

## - avoid-banned-imports:

### entries:

- paths: [ "data/", "domain/" ]

- deny: [ "package:flutter/widgets.dart", "package:flutter/material.dart", "p

- message: "Do not import UI libs in domain/data layers"

```

  - avoid-unused-parameters
  - banned-usage:
    excludes:
      - domain/lib/time/time_provider
  entries:
    - ident: DateTime.now
      description: Please use TimeP
    - ident: SharedPreferences.get
      description: Please use desig

```

```

  - binary-expression-operand-order
  - double-literal-format
  - format-comments:
    only-doc-comments: False
  - member-ordering:
    alphabetsizes: false
    order:
      - public-fields
      - private-fields
      - constructors
      - override-method
      - close-method
      - dispose-method
    widgets-order:
      - constructor
      - init-state-method
      - did-change-dependencies-me
      - did-update-widget-method
      - build-method
      - dispose-method
      - private-methods

```

```

  - no-equal-then-else
  - no-object-declaration
  - prefer-async-await
  - prefer-commenting-analyzer-ic
  - prefer-conditional-expression
  - prefer-correct-test-file-name
  - prefer-correct-type-name:
    min-length: 3
  - prefer-enums-by-name
  - prefer-first
  - prefer-immediate-return
  - prefer-iterable-of
  - prefer-last
  - prefer-match-file-name:
    exclude:
      - test/**
  - prefer-moving-to-variable:
    allowed-duplicated-chains:
      - avoid-similar-names:
        show-similarity: true
        similarity-threshold: 0.9

```

```

  - avoid-unnecessary-futures
  - avoid-shadowed-extension-met
  - avoid-importing-entrypoint-e
  - exclude:
    - test/**
  - prefer-date-format
  - prefer-correct-identifier-ic
  - exceptions: [ 'x', 'y', 'z'
    max-identifier-length: 40
    min-identifier-length: 3
  - no-equal-conditions
  - prefer-returning-conditional
  - avoid-unrelated-type-casts
  - avoid-missed-calls
  - avoid-map-keys-contains
  - avoid-duplicate-mixins
  - avoid-mutable-interpolation
  - prefer-named-boolean-param
  - ignore-singles: true
  - ignore-single-boolean: true
  - avoid-closed-instances

```

```

  - avoid-passing-default-values
  - avoid-passing-self-as-argument
  - prefer-trailing-commas
  # Flutter
  - always-remove-listener
  - avoid-expanded-as-spacer
  - avoid-returning-widgets:
    - ignored-names:
      - withBloc
  - avoid-shrink-wrap-in-lists
  - avoid-unnecessary-setstate
  - check-for-equals-in-render-object-setters
  - consistent-update-render-object
  - prefer-const-border-radius
  - prefer-correct-edge-insets-constructor
  - prefer-extracting-callbacks:
    ignored-name-arguments:
      - Listener
      - builder

```

```

  - avoid-unnecessary-negations
  - avoid-inverted-boolean-checks
  - avoid-substring
  - prefer-declaring-const-const:
    allow-one: true
  - prefer-early-return
  - prefer-explicit-parameter-map
  - avoid-mutating-parameters
  - no-equal-nested-conditions
  - avoid-negated-conditions

```

```

  - avoid-long-functions:
    exclude:
      - test/**
  - prefer-dedicated-media-query-methods
  - use-setstate-synchronously
  - avoid-recurcive-widget-calls
  - prefer-text-rich
  anti-patterns:
    - long-method
    - long-parameter-list

```

```

dert_code_metrics:
  metrics:
    cyclomatic-complexity: 20
    number-of-parameters: 4
    maximum-nesting-levels: 3
  metrics-excludes:
    - test/**/
  rules:
    # Common
    - avoid-banned-imports:
      entries:
        - paths: ["data"]
        deny: ["package"]
        message: "Do not use banned imports"
    - avoid-cascade-after-
    - avoid-collection-meth
    - avoid-double-slash-in
    - avoid-duplicate-expo
    - avoid-dynamic
    - avoid-global-state
    - avoid-missing-enum-c
    - avoid-nested-condition
    acceptable-level: 2
    - avoid-non-null-assert
    - avoid-passing-async-w
    excludes:
      - test/**
    - avoid-redundant-assy
    - avoid-throw-in-catch-
    - avoid-unnecessary-con
    - avoid-unnecessary-type-assertions
    - avoid-unnecessary-type-casts
    - avoid-unrelated-type-assertions
    - avoid-unused-parameters
    - banned-usage:
      exclude:
        - domain/lib/time/time_provider.dart
      entries:
        - ident: DateTime.now
          description: Please use TimeProvider.now() instead
        - ident: SharedPreferences.getInstance
          description: Please use designated repository instead
    entries:
      - binary-expression-operand-order
      - double-literal-format
      - format-comments:
        only-doc-comments: false
      - member-ordering:
        alphabetsize: false
        order:
          - public-fields
      - no-equal-then-else
      - no-object-declaration
      - prefer-async-await
      - prefer-commenting-analyzer-id
      - prefer-conditional-expression
      - prefer-correct-test-file-name
      - prefer-correct-type-name:
        min-length: 3
      - no-equal-nested-conditions
      - no-negated-conditions
      - no-unneeded-ticks:
        ticks: ["/", "+", "*", "<"]
    excludes:
      - avoid-unnecessary-futures
      - avoid-shadowed-extension-methods
      - avoid-importing-entrypoint-#:
        excludes:
          - test/**
      - prefer-date-format
      - prefer-correct-identifier-style
      - avoid-expanded-as-spacer
      - avoid-passing-default-values
      - avoid-passing-self-as-argument
      - prefer-trailing-commas
    lists:
      state
      render-object-setters
      ider-object
      radius
      insets-constructor
      libacks
      ventis:
        - ger-filler
        - ptk: true
        - w
        - it-initialized-fields
    useful-widgets:
      e-members:
        ignore-statics: true
        - avoid-missing-image-alt:
          allow-empty: false
        - avoid-unnecessary-overrides-in-state
        - prefer-dedicated-media-query-methods
        - use-setstate-synchronously
        - avoid-recursive-widget-calls
        - prefer-text-rich
    anti-patterns:
      - long-method
      - long-parameter-list
      - avoid-referencing-discarded-
      - avoid-unconditional-break

```

```
dart_code_metrics) 116
metrics: 117
  cyclomatic-complexity: 20 118
  number-of-parameters: 4 119
  maximum-nesting-level: 3 120
metrics-exclude: 121
  - test/** 122
rules: 123
# Common 124
+ avoid-banned-imports: 125
  entries:
    - paths: [ "data/*", "domain/*" ] 126
      deny: [ "package:flutter/widg 127
        message: "Do not import UI li 128
- avoid-cascade-after-if-null 129
- avoid-collection-methods-with-unrel 130
- avoid-double-slash-imports 131
- avoid-duplicate-exports 132
- avoid-dynamic 133
- avoid-global-state 134
- avoid-missing-enum-constant-in-map 135
- avoid-nested-conditional-expression 136
  acceptable-level: 2 137
- avoid-non-null-assertion 138
- avoid-passing-async-when-sync-expec 139
  exclude:
    - test/** 140
- avoid-redundant-async 141
- avoid-throw-in-catch-block 142
- avoid-unnecessary-conditionals 143
- avoid-unnecessary-type-assertions 144
- avoid-unnecessary-type-casts 145
- avoid-unrelated-type-assertions 146
- avoid-unused-parameters 147
- banned-usage: 148
  exclude:
    - domain/lib/time/time_provider 149
  entries:
    - ident: DateTime.now 150
      description: Please use TimeP 151
    - ident: SharedPreferences.getI 152
      description: Please use desig 153
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      160
  + binary-expression-operand-order
  + double-literal-format
  + Format-comment
    only-doc-comments: false
  - member-ordering:
    alphabetize: false
    order:
      - public-fields
      - private-fields
      - constructors
      - override-method
      - close-method
      - dispose-method
    widgets-order:
      - constructor
      - init-state-method
      - did-change-dependencies-me
      - did-update-widget-method
      - build-method
      - dispose-method
      - private-methods
  + newline-before-return
  + no-boolean-literal-compare
  + no-empty-block
  - no-equal-arguments:
    ignored-parameters:
      - height
      - width
      - left
      - right
      - top
      - bottom
      - backgroundColor
      - barrierColor
      - focusedBorder
      - enableBorder
      - topLeft
      - topRight
      - bottomLeft
      - bottomRight
      - highlightColor
      - splashColor
      - selectedItemColor
      - unselectedItemColor
      - selectedLabelStyle
```

#### - member-ordering:

alphabetize: false

order:

- public-fields
  - private-fields
  - constructors
  - override-method
  - close-method
  - dispose-method

## widgets-order:

- constructor
  - init-state-method
  - did-change-dependencies-method
  - did-update-widget-method
  - build-method
  - dispose-method
  - private-methods

```
dart_code_metrics) 116
metrics: 117
  cyclomatic-complexity: 20 118
  number-of-parameters: 4 119
  maximum-nesting-level: 3 120
metrics-exclude: 121
  - test/** 122
rules: 123
# Common 124
+ avoid-banned-imports: 125
  entries:
    - paths: [ "data/*", "domain/*" ] 126
      deny: [ "package:flutter/widg 127
          message: "Do not import UI li 128
- avoid-cascade-after-if-null 129
- avoid-collection-methods-with-unrel 130
- avoid-double-slash-imports 131
- avoid-duplicate-exports 132
- avoid-dynamic 133
- avoid-global-state 134
- avoid-missing-enum-constant-in-map 135
- avoid-nested-conditional-expression 136
  acceptable-level: 2 137
- avoid-non-null-assertion 138
- avoid-passing-async-when-sync-expec 139
  exclude:
    - test/** 140
- avoid-redundant-async 141
- avoid-throw-in-catch-block 142
- avoid-unnecessary-conditionals 143
- avoid-unnecessary-type-assertions 144
- avoid-unnecessary-type-casts 145
- avoid-unrelated-type-assertions 146
- avoid-unused-parameters 147
- banned-usage: 148
  exclude:
    - domain/lib/time/time_provider 149
  entries:
    - ident: DateTime.now 150
      description: Please use TimeP 151
    - ident: SharedPreferences.getI 152
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      773333333333331
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      7733333333333333331
      7733333333333333332
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      77333333333333333334
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      77333333333333333336
      77333333333333333337
      77333333333333333338
      77333333333333333339
      773333333333333333310
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      773333333333333333319
      773333333333333333320
      773333333333333333321
      773333333333333333322
      773333333333333333323
      773333333333333333324
      773333333333333333325
      773333333333333333326
      773333333333333333327
      773333333333333333328
      773333333333333333329
      773333333333
```

#### - member-ordering:

alphabetize: false

order:

- public-fields
  - private-fields
  - constructors
  - override-method
  - close-method
  - dispose-method

**widgets-order:**

- constructor
  - init-state-method
  - did-change-dependencies-method
  - did-update-widget-method
  - build-method
  - dispose-method
  - private-methods

Y pubspec.yaml ×

Flutter commands

```
1 name: magic_beasts
2 description: "Magic Beasts App"
3 publish_to: 'none'
4
5 version: 1.0.0+1
6
7 environment:
8   sdk: '>=3.4.1 <4.0.0'
9
10 dependencies:
11   flutter:
12     sdk: flutter
13   flutter_animate: ^4.5.0
14   google_fonts: ^6.2.1
15
16 dev_dependencies:
17   flutter_lints: ^4.0.0
18   flutter_test:
19     sdk: flutter
```

dcm check-dependencies lib

## **magic\_beasts / .github / workflows / pull\_request.yml**

```
- name: Run DCM Check Dependencies
  if: '!cancelled()'
  run: dcm check-dependencies lib
```

[Summary](#)

Jobs

[audit](#)

Run details

[Usage](#)[Workflow file](#)

## audit

failed 2 days ago in 1m 22s

 Search logs

- >  Set up job
- >  Checkout Repository
- >  Set up Flutter
- >  Run flutter pub get
- >  Flutter Version
- >  Run Flutter analyze
- >  Install DCM
- >  Run DCM analyze

### ▼ Run DCM check dependencies

```
1 ► Run dcm check-dependencies lib --ci-key="***" --email="***"
2
3 `` Checking dependencies...
4
5 `` Checking dependencies for 8 files... 8ms
6 `` Checking dependencies for 8 files... 0.4s
7 ✓ Analysis is completed. Preparing the results: 0.4s
8
9
10 pubspec.yaml:
11     △ flutter_lints is not used
12         at pubspec.yaml:16:3
13     △ flutter_test is not used
14         at pubspec.yaml:17:3
15     △ google_fonts is not used
16         at pubspec.yaml:19:3
17
18
19
20
21
22 * total dependency issues - 3
23 Error: Process completed with exit code 2.
```

Summary

Jobs

audit

Run details

Usage

Workflow file

audit  
failed 2 days ago in 1m 22s

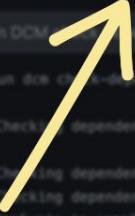
> Set up job  
> Checkout Repository  
> Set up Flutter  
> Run Flutter pub get  
> Flutter Version  
> Run Flutter analyze  
> Install DCM  
> Run DCM analyze

▼ Run DCM analyze

1 ► Run dcm check -d  
2  
3 ► Checking dependencies for 8 files... 8ms  
4 ► Checking dependencies for 8 files... 8.4s  
5 ✓ Analysis is completed. Preparing the results! 8.4s

13  
14 pubspec.yaml:  
15     △ flutter\_lints is not used  
16         at pubspec.yaml:16:3  
17     △ flutter\_test is not used  
18         at pubspec.yaml:17:3  
19     △ google\_fonts is not used  
20         at pubspec.yaml:19:3

14 pubspec.yaml:  
15     △ flutter\_lints is not used  
16         at pubspec.yaml:16:3  
17     △ flutter\_test is not used  
18         at pubspec.yaml:17:3  
19     △ google\_fonts is not used  
20         at pubspec.yaml:19:3  
21  
22 \* total dependency issues - 3  
23 Error: Process completed with exit code 2.



 magic\_beasts\_app.dart ×

```
1 import 'package:flutter/material.dart';
2 import 'package:magic_beasts/beasts_page_view.dart';
3
4 class MagicBeastsApp extends StatelessWidget {
5   const MagicBeastsApp({super.key});
6
7   @override
8   Widget build(BuildContext context) => MaterialApp(
9     title: 'Magic Beasts',
10    theme: ThemeData(primarySwatch: Colors.blue),
11    home: const BeastsPageView(),
12  ); // MaterialApp
13
14 void unusedMethod() {
15   debugPrint('This method is never called');
16 }
17 }
```

 magic\_beasts\_app.dart ×

```
1 import 'package:flutter/material.dart';
2 import 'package:magic_beasts/beasts_page_view.dart';
3
4 class MagicBeastsApp extends StatelessWidget {
5   const MagicBeastsApp({super.key});
6
7   @override
8   Widget build(BuildContext context) => MaterialApp(
9     title: 'Magic Beasts',
10    theme: ThemeData(primarySwatch: Colors.blue),
11    home: const BeastsPageView(),
12  ); // MaterialApp
13
14 void unusedMethod() {
15   debugPrint('This method is never called');
16 }
17 }
```

## Project ▾

↳ .idea

&gt; □ android [magic\_beasts\_android]

&gt; □ build

&gt; □ ios

↳ lib

↳ aqualis\_view.dart

↳ beasts\_page\_view.dart

↳ ignisphinx\_view.dart

↳ luminara\_view.dart

↳ magic\_beasts\_app.dart

↳ main.dart

↳ shadowfelis\_view.dart

↳ unused\_widget.dart

↳ zephyra\_view.dart

## magic\_beasts\_app.dart

## unused\_widget.dart

```
1 import 'package:flutter/material.dart';
2
3 class UnusedWidget extends StatelessWidget {
4     const UnusedWidget({super.key});
5
6     @override
7     Widget build(BuildContext context) => const Placeholder();
8 }
9
```

No usages found in Project Files

Project ▾

```
✓ .idea  
> ⚡ android [magic_beasts_android]  
> build  
> ios  
✓ lib  
  aqualis_view.dart  
  beasts_page_view.dart  
  ignisphinx_view.dart  
  luminara_view.dart  
  magic_beasts_app.dart  
  main.dart  
  shadowfelis_view.dart  
  unused_widget.dart  
  zephyra_view.dart
```

magic\_beasts\_app.dart

unused\_widget.dart ×

```
1 import 'package:flutter/material.dart';  
2  
3 class UnusedWidget extends StatelessWidget {  
4     const UnusedWidget({super.key});  
5  
6     @override  
7     Widget build(BuildContext context) => const Placeholder();  
8 }  
9
```

No usages found in Project Files

```
dcm check-unused-files --monorepo lib  
dcm check-unused-code --monorepo lib
```

## **magic\_beasts / .github / workflows / pull\_request.yml**

- name: Run DCM Check Unused Files  
if: '!cancelled()'  
run: dcm check-unused-files --monorepo lib
  
- name: Run DCM Check Unused Code  
if: '!cancelled()'  
run: dcm check-unused-code --monorepo lib

Jobs

audit

Run details

Usage

Workflow file

Run DCM Check Unused Files

```
1 ► Run dcm check-unused-files --monorepo lib --ci-key="***" --email="***"  
7  
8  `` Checking unused files...  
9  : Checking unused files... 0.4s  
10 ✓ Analysis is completed. Preparing the results: 0.5s  
11  
12 △ unused file  
13   lib/unused_widget.dart  
14  
15 * total unused files - 1  
16 Error: Process completed with exit code 2.
```

Run DCM Check Unused Code

```
1 ► Run dcm check-unused-code --monorepo lib --ci-key="***" --email="***"  
7  
8  `` Checking unused code...  
9  
10 : Checking unused code for 9 files... 7ms  
11 : Checking unused code for 9 files... 0.4s  
12 ✓ Analysis is completed. Preparing the results: 0.4s  
13  
14 lib/magic_beasts_app.dart:  
15   △ unused method unusedMethod  
16     at lib/magic_beasts_app.dart:14:3  
17  
18 lib/unused_widget.dart:  
19   △ unused constructor UnusedWidget  
20     at lib/unused_widget.dart:4:3  
21   △ unused class UnusedWidget  
22     at lib/unused_widget.dart:3:1  
23  
24 * total unused code (classes, functions, variables, extensions, enums, mixins and type aliases) - 3  
25 Error: Process completed with exit code 2.
```

Jobs

audit

Run details

Usage

Workflow file

Run DCM Check Unused Files

```
1 ➤ Run dcm check-unused-files --monorepo lib --ci-key="xxx" --email="xxx"
2
3   ▶ Checking unused files...
4   ▶ Checking unused files... 0.4s
5   ✓ Analysis is completed. Preparing the results: 0.5s
6
7
8   △ unused file
9     lib/unused_widget.dart
10
11
12   * total unused files - 1
13
14
15 Error: Process completed with exit code 2.
```



⚠ unused file  
**lib/unused\_widget.dart**

Run DCM Check Unused Code

```
1 ➤ Run dcm check-unused-code --monorepo lib --ci-key="xxx" --email="xxx"
2
3   ▶ Checking unused code...
4   ▶ Checking unused code... 0.4s
5   ✓ Analysis is completed. Preparing the results: 0.5s
6
7
8   △ unused code
9     lib/unused_widget.dart:
10     a unused constructor UnusedWidget
11       at lib/unused_widget.dart:4:3
12     a unused class UnusedWidget
13       at lib/unused_widget.dart:3:1
14
15   * total unused code (classes, functions, variables, extensions, enums, mixins and type aliases) - 3
16
17
18 Error: Process completed with exit code 2.
```

Jobs

audit

Run details

Usage

Workflow file

```
1 ► Run dcm check-unused
2
3 ▲ Checking unused files
4 ▲ Checking unused code
5 ✓ Analysis is complete
6
7 ✘ unused file
8   lib/unused_widget.dart
9
10 * total unused files - 1
11
12 Error: Process completed with exit code 2.
```

```
lib/magic_beasts_app.dart:
  △ unused method unusedMethod
    at lib/magic_beasts_app.dart:14:3
```

```
lib/unused_widget.dart:
```

```
  △ unused constructor UnusedWidget
    at lib/unused_widget.dart:4:3
  △ unused class UnusedWidget
    at lib/unused_widget.dart:3:1
```

```
lib/magic_beasts_app.dart:
  △ unused method unusedMethod
    at lib/magic_beasts_app.dart:14:3

lib/unused_widget.dart:
  △ unused constructor UnusedWidget
    at lib/unused_widget.dart:4:3
  △ unused class UnusedWidget
    at lib/unused_widget.dart:3:1
```

```
24 * total unused code (classes, functions, variables, extensions, enums, mixins and type aliases) - 3
25 Error: Process completed with exit code 2.
```



luminara\_view.dart ×

```
1 > import ...
5
6 class LuminaraView extends StatelessWidget {
7   const LuminaraView({super.key});
8
9   @override
10 @↑ > Widget build(BuildContext context) {...}
109
110 void printLuminara(String name) => debugPrint(name);
111 }
```

aqualis\_view.dart ×

```
1 > import ...
5
6 class AqualisView extends StatelessWidget {
7   const AqualisView({super.key});
8
9   @override
10 @↑ > Widget build(BuildContext context) {...}
109
110 void printName(String name) => debugPrint(name);
111 }
```

luminara\_view.dart ×

```
1 > import ...  
5  
6 class LuminaraView extends StatelessWidget {  
7     const LuminaraView({super.key});  
8  
9     @override  
10    Widget build(BuildContext context) {...}  
109  
110    void printLuminara(String name) => debugPrint(name);  
111 }
```

aqualis\_view.dart ×

```
1 > import ...  
5  
6 class AqualisView extends StatelessWidget {  
7     const AqualisView({super.key});  
8  
9     @override  
10    Widget build(BuildContext context) {...}  
109  
110    void printName(String name) => debugPrint(name);  
111 }
```

luminara\_view.dart ×

```
1 > import ...
5
6 class LuminaraView extends StatelessWidget {
7     const LuminaraView({super.key});
8
9     @override
10    Widget build(BuildContext context) {...}
109
110    void printLuminara(String name) => debugPrint(name);
111}
```

aqualis\_view.dart ×

```
1 > import ...
5
6 class AqualisView extends StatelessWidget {
7     const AqualisView({super.key});
8
9     @override
10    Widget build(BuildContext context) {...}
109
110    void printName(String name) => debugPrint(name);
111}
```

dcm check-code-duplication lib

## **magic\_beasts / .github / workflows / pull\_request.yml**

```
- name: Run DCM Check Duplicate Code
  if: '!cancelled()'
  run: dcm check-code-duplication lib
```



## ✖ Run DCM Check Duplicate Code

```
1 ► Run dcm check-code-duplication lib --ci-key="***" --email="***"
2
3 :: Checking code duplications...
4 :: Checking code duplications... 0.4s
5 :: Checking code duplications... 0.4s
6 ✓ Analysis is completed. Preparing the results: 0.4s
7
8 lib/aqualis_view.dart:
9     △ method printName
10        at lib/aqualis_view.dart:110:3
11
12
13     has 1 duplicate declaration:
14         - method printLuminara
15            at lib/luminara_view.dart:110:3
16
17
18     * total code duplications - 1
19
20
21
22 Error: Process completed with exit code 2.
```



# ANALYSIS

# WIDGETS ANALYSIS

```
dcm analyze-widgets  
--show-similarity  
--reporter=html
```

## Widgets



Widget Name >	Widget type >	Quality score >	Number of fields >	Number of methods >	Used widgets >	Used by widgets >	Similar widgets >
AqualisView	Stateless	77	0	1	16	1	4
BeastsPageView	Stateful	100	0	2	7	1	0
IgnisphinxView	Stateless	77	0	1	16	1	4
LuminaraView	Stateless	77	0	1	16	1	4
MagicBeastsApp	Stateless	100	0	1	2	0	0
ShadowfelisView	Stateless	77	0	1	16	1	4
ZephyraView	Stateless	77	0	1	16	1	4

## Widgets



Widget Name >	Widget type >	Quality score >	Number of fields >	Number of methods >	Used widgets >	Used by widgets >	Similar widgets >
AqualisView	Stateless	77	0	1	16	1	4
BeastsPageView	Stateful	100	0	2	7	1	0
IgnisphinxView	Stateless	77	0	1	16	1	4
LuminaraView	Stateless	77	0	1	16	1	4
MagicBeastsApp	Stateless	100	0	1	2	0	0
ShadowfelisView	Stateless	77	0	1	16	1	4
ZephyraView	Stateless	77	0	1	16	1	4



## ShadowfelisView statelessWidget

[Open in VS Code](#)

Quality score: 77% Medium quality

Number of fields: 0 Low

Number of methods: 1 Low

Number of used widgets: 16 Medium

Method Name	Cyclomatic Complexity	Halstead Volume	Maximum Nesting Level	Number of Parameters	Source lines of Code	Maintainability Index
build <a href="#">Open in VS Code</a>	1 <small>Low</small>	900.3 <small>High</small>	1 <small>Low</small>	1 <small>Low</small>	96 <small>Medium</small>	36 <small>Medium</small>

[Metrics configuration:](#)

Used widgets: 13 distinct, 16 total

Align, 2 references flutter

[Open in VS Code](#) [Open GitHub](#) [Open Flutter docs](#)

BackdropFilter, 1 reference flutter

[Open in VS Code](#) [Open GitHub](#) [Open Flutter docs](#)

ClipRRect, 1 reference flutter

[Open in VS Code](#) [Open GitHub](#) [Open Flutter docs](#)

Column, 1 reference flutter

[Open in VS Code](#) [Open GitHub](#) [Open Flutter docs](#)

Image, 2 references flutter

AqualisView  
BeastsPageView  
IgnisphinxView  
LuminaraView  
MagicBeastsApp  
ShadowfelisView  
ZephyraView

### Used by: 1

BeastsPageView (local)

### Used inherited widgets: 1

MediaQuery

### Similar widgets: 4

100% of widget tree matches 100% ZephyraView widget tree

Matching widgets: Align, Transform, OverflowBox, Align, Padding, Column, Stack, Positioned, Image, ClipRRect, BackdropFilter, Scaffold

[View ZephyraView source](#)

100% of widget tree matches 100% LuminaraView widget tree

Matching widgets: Align, Transform, OverflowBox, Align, Padding, Column, Stack, Positioned, Image, ClipRRect, BackdropFilter, Scaffold

[View LuminaraView source](#)

100% of widget tree matches 100% IgnisphinxView widget tree

Matching widgets: Align, Transform, OverflowBox, Align, Padding, Column, Stack, Positioned, Image, ClipRRect, BackdropFilter, Scaffold

[View IgnisphinxView source](#)

100% of widget tree matches 100% AqualisView widget tree

Matching widgets: Align, Transform, OverflowBox, Align, Padding, Column, Stack, Positioned, Image, ClipRRect, BackdropFilter, Scaffold

[View AqualisView source](#)

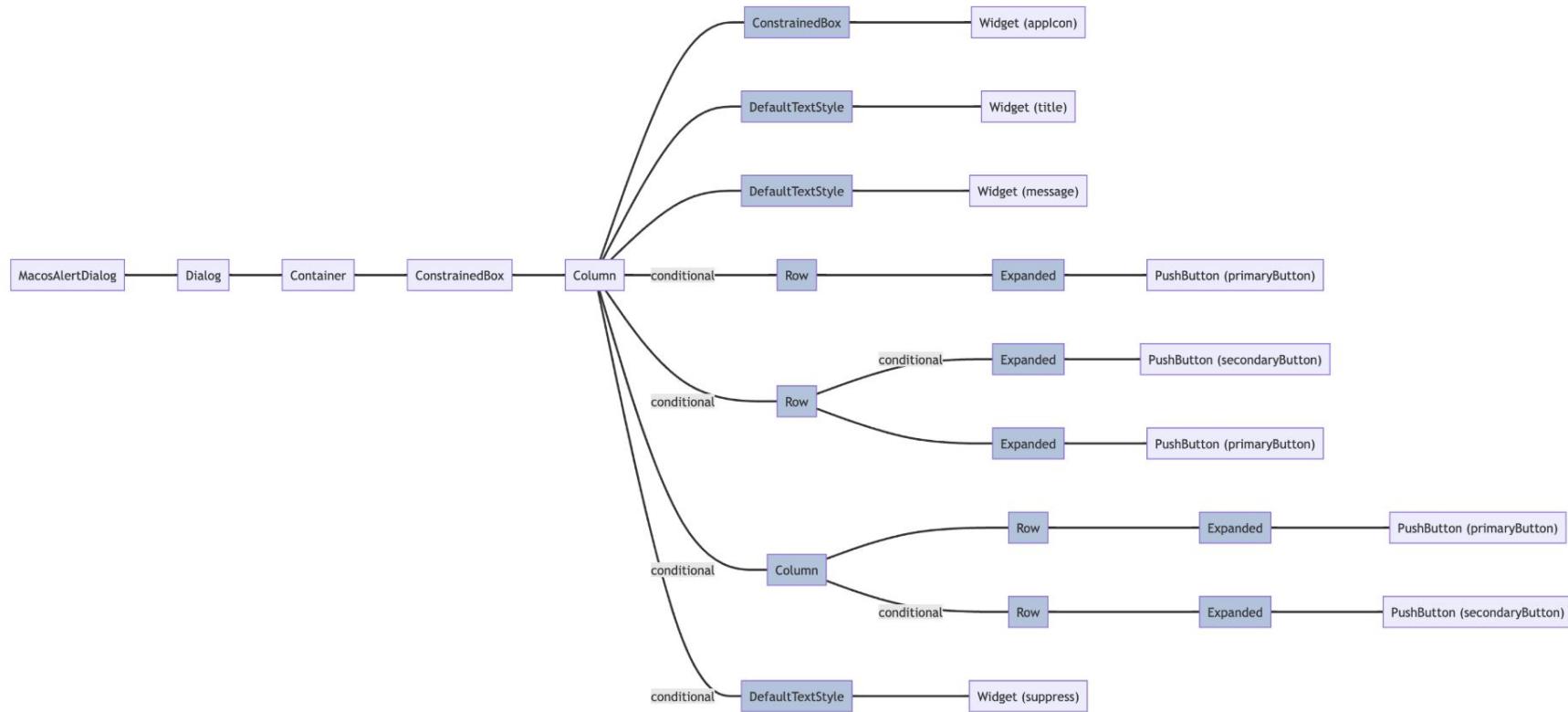
Source code

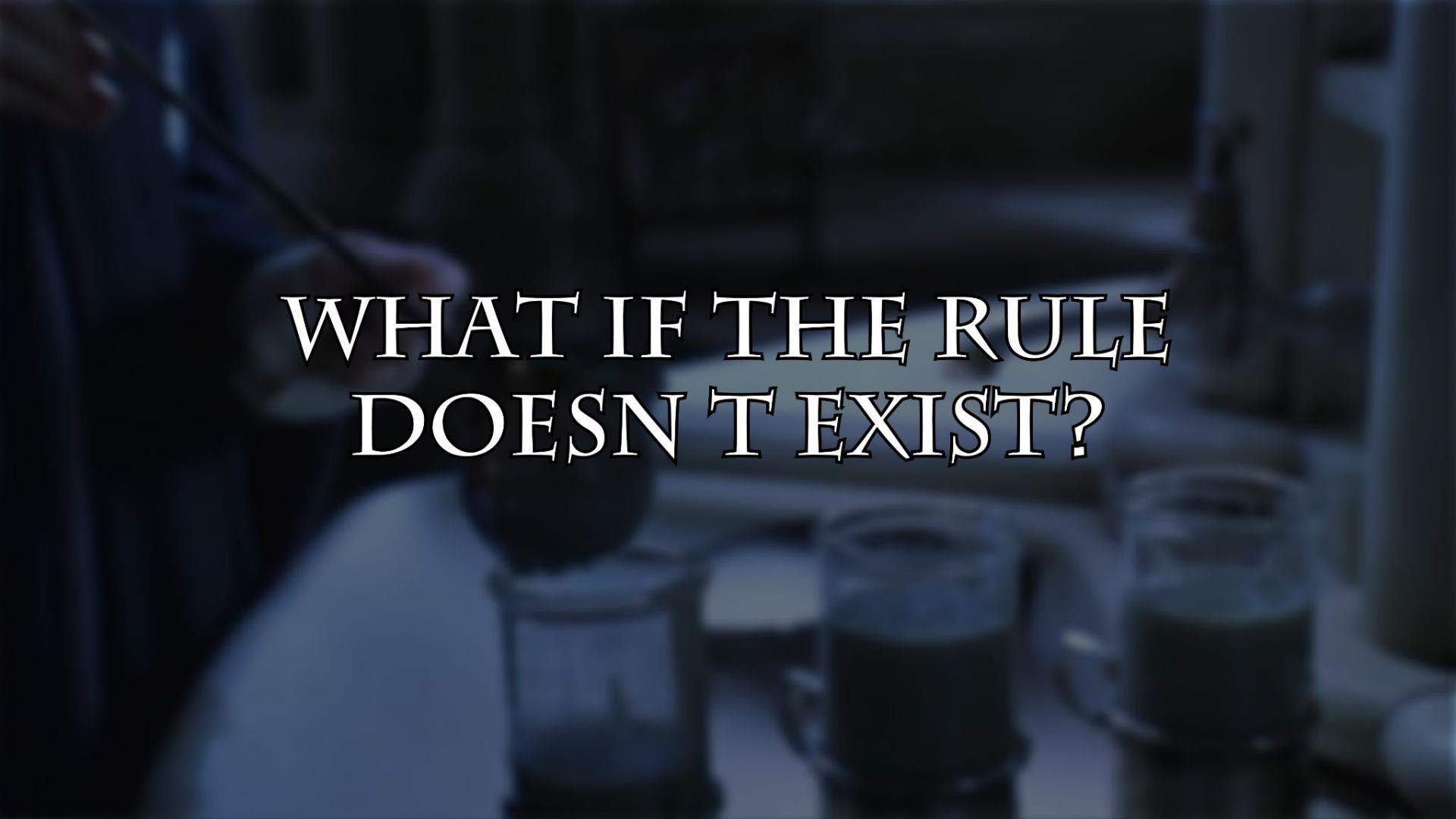
lib

- beast\_view.dart
- beasts\_page\_view.dart
- magic\_beasts\_app.dart
- main.dart

```
6   class BeastView extends StatelessWidget {  
7     const BeastView({  
8       required this.name,  
9       required this.description,  
10      required this.beastImage,  
11      required this.backgroundImage,  
12      required this.backgroundSemanticLabel,  
13      super.key,  
14    });  
15  
16    final String name;  
17    final String description;  
18    final String beastImage;  
19    final String backgroundImage;  
20    final String backgroundSemanticLabel;  
21  
22    @override  
23    Widget build(BuildContext context) {  
24      var size = MediaQuery.sizeOf(context);  
25      var maxH = size.height;  
26      var maxW = size.width;  
27  
28      return Scaffold(  
29        body: Stack(  
30          children: [  
31            Positioned.fill(  
32              child: Image.asset(  
33                backgroundImage,  
34                fit: BoxFit.cover,  
35                semanticLabel: backgroundSemanticLabel,  
36              ), // Image.asset
```

## Resolved widget tree



The background is a dark, atmospheric scene. On the left, a person's profile is visible, facing right. In the center, there is a large, slightly out-of-focus rose. The lighting is low, creating deep shadows and highlights that emphasize the contours of the face and the petals of the flower.

WHAT IF THE RULE  
DOESN'T EXIST?

```
FirebaseAnalytics.logEvent('share_beast_event_triggered_by_user_in_app');
```

```
FirebaseAnalytics.logEvent('share_beast_event_triggered_by_user_in_app');
```

event names can be up to 40 chars long



```
FirebaseAnalytics.logEvent('share_beast_event_triggered_by_user_in_app');
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

- ✗  beast\_view.dart lib 1
- ⓘ Firebase Analytics max event name length is 40 chars. dart(firebase\_analytics\_event\_length) [Ln 113, Col 46]

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

beast\_view.dart lib 1

💡 Firebase Analytics max event name length is 40 chars. dart(firebase\_analytics\_event\_length) [Ln 113, Col 46]

Ignore "firebase\_analytics\_event\_length" for line

Trim the event name to 40 chars

Ignore "firebase\_analytics\_event\_length" for file

# DART ANALYZER PLUGINS



Packages ▾

Development ▾

Interoperability ▾

Tools &amp; techniques ▾

Overview

▶ Editors &amp; debuggers

▶ Command-line tools

▼ Static analysis

[Customizing static analysis](#)

Fixing common type problems

Fixing type promotion failures

Linter rules

Diagnostic messages

▶ Testing &amp; optimization

What not to commit

Resources ▾

Related sites ▾

## Enabling analyzer plugins (experimental)

The analyzer has experimental support for plugins. These plugins integrate with the analyzer to add functionality such as new diagnostics, quick fixes, and custom code completion. You can enable only one plugin per `analysis_options.yaml` file. Enabling an analyzer plugin increases how much memory the analyzer uses.

Don't use analyzer plugins if your situation meets either of the following conditions:

- You use a development machine with less than 16 GB of memory.
- You use a mono-repo with more than 10 `pubspec.yaml` and `analysis_options.yaml` files.

You can find a few analyzer plugins on [pub.dev](#).

To enable a plugin:

1. Add the package containing the plugin as a dev dependency.

```
$ dart pub add --dev <your_favorite_analyzer_plugin_package>
```

2. Edit your `analysis_options.yaml` file to enable the plugin.

```
analyzer:  
  plugins:  
    - your_favorite_analyzer_plugin_package
```

yaml

To indicate specific plugin functionality to enable, such as new diagnostics, additional setup might be required.



Packages ▾

Development ▾

Interoperability ▾

Tools &amp; techniques ▾

Overview

Editors &amp; debuggers

Command-line tools

Static analysis

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Fixing common type problems

Fixing type promotion failures

Linter rules

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Resources ▾

Related sites ▾

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Packages ▾

Development ▾

Interoperability ▾

Tools &amp; techniques ▾

Overview

Editors &amp; debuggers

Comments

Static analysis

## Customizing static analysis

Fixing common type problems

Fixing type promotion failures

Linter rules

Diagnostic messages

Testing &amp; optimization

What not to commit

Resources ▾

Related sites ▾

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Packages ▾

Development ▾

Interoperability ▾

Tools &amp; techniques ▾

Overview

Editors &amp; debuggers

Command-line tools

Static analysis

Custom analysis

Fixing common type problems

Fixing type promotion failures

Linter rules

Diagnostic messages

Testing &amp; optimization

What not to commit

Resources ▾

Related sites ▾

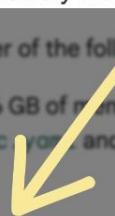
## Enabling analyzer plugins (experimental)

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You can find a few analyzer plugins on [pub.dev](#).



## Enabling an analyzer plugin increases how much memory the analyzer uses.

1. Add the package containing the plugin as a `dev` dependency.

```
$ dart pub add --dev <your_favorite_analyzer_plugin_package>
```

2. Edit your `analysis_options.yaml` file to enable the plugin.

```
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Packages ▾

Development ▾

Interoperability ▾

Tools &amp; techniques ▾

Overview

Editors &amp; debuggers

Command-line tools

Static analysis

Customizing static analysis

Fixing common type problems

Fixing type promotion failures

Linter rules

Diagnostic messages

Testing &amp; optimization

What not to commit

Resources ▾

Related sites ▾

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```

yaml

To indicate specific plugin functionality to enable, such as new diagnostics, additional setup might be required.

dart.dev/tools/analysis

Dart

Overview Docs

Packages Development

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Fixing common type problems

Fixing type promotion failures

Linter rules

Diagnostic messages

Testing & optimization

What not to commit

Resources

Related sites

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yaml

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*custom\_lint*



# custom\_lint 0.6.4



Published 3 months ago • ⚙ invertase.io Dart 3 compatible

SDK DART FLUTTER

PLATFORM ANDROID IOS LINUX MACOS WINDOWS

177

Custom\_lint is similar to [analyzer\\_plugin](#), but goes deeper by trying to provide a better developer experience.

That includes:

- A command-line to obtain the list of lints in your CI without having to write a command line yourself.
- A simplified project setup: No need to deal with the `analyzer` server or error handling. Custom\_lint takes care of that for you, so that you can focus on writing lints.
- Debugger support. Inspect your lints using the Dart debugger and place breakpoints.
- Supports hot-reload/hot-restart: Updating the source code of a linter plugin will dynamically restart it, without having to restart your IDE/analyzer server.
- Built-in support for `// ignore:` and `// ignore_for_file:`.
- Built-in testing mechanism using `// expect_lint`. See [Testing your plugins](#)
- Support for `print(...)` and exceptions: If your plugin somehow throws or print debug messages, custom\_lint will generate a log file with the messages/errors.

## STEP 1

Define a `custom_lint` package

STEP 1

Define a `custom_lint` package

STEP 2

Use that package in project

## STEP 1

Define a `custom_lint` package

## STEP 2

Use that package in project

```
dart create magic_beasts_lints
```

## STEP 1

### **magic\_beasts\_lints/pubspec.yaml**

```
dependencies:  
  analyzer: ^6.4.0  
  analyzer_plugin: ^0.11.3  
  custom_lint_builder: ^0.6.4
```

## STEP 2

### **lib/magic\_beasts\_lints.dart**

```
class _MagicBeastsLinter extends PluginBase {

  @override
  List<LintRule> getLintRules(CustomLintConfigs configs) => /* rules */;
}
```

# STEP 3

## lib.firebaseio\_analytics\_event\_length\_rule.dart

```
class FirebaseAnalyticsEventLengthRule extends DartLintRule {  
  const FirebaseAnalyticsEventLengthRule() : super(code: _code);  
  
  static const _code = LintCode(  
    name: 'firebase_analytics_event_length',  
    problemMessage: 'Firebase Analytics max event name length is 40 chars.',  
    errorSeverity: ErrorSeverity.WARNING,  
  );  
  
  @override  
  void run(  
    CustomLintResolver resolver,  
    ErrorReporter reporter,  
    CustomLintContext context,  
  ) {...}  
  
  @override  
  List<Fix> getFixes() => [ /* Optional fixes */ ];  
}
```

## STEP 3

### lib.firebaseio\_analytics\_event\_length\_rule.dart

```
class FirebaseAnalyticsEventLengthRule extends DartLintRule {  
  const FirebaseAnalyticsEventLengthRule() : super(code: _code);
```

```
  static const _code = 'FirebaseAnalyticsEventLength';  
  static const _description = 'Firebase Analytics has event max length of 1000.';  
  static const _severity = Severity.error;
```

```
  @override  
  void register(DartRuleRegistry registry) {  
    registry.registerEventLengthRule(_code, _severity);  
  }  
  
  @override  
  void run(DartRuleContext context) {  
    final event = context.event;  
    if (event.length > 1000) {  
      context.report(  
        code: _code,  
        message: 'Event length is $event.length, which is greater than the maximum allowed length of 1000.',  
        severity: _severity,  
        location: event.location);  
    }  
  }  
}
```

## STEP 3

### lib.firebaseio\_analytics\_event\_length\_rule.dart

```
static const _code = LintCode(  
  name: 'firebase_analytics_event_length',  
  problemMessage: 'Firebase Analytics max event name length is 40 chars.',  
  errorSeverity: ErrorSeverity.WARNING,  
)
```

## STEP 3

### lib.firebaseio\_analytics\_event\_length\_rule.dart

```
static const _code = LintCode(  
    name: 'firebase_analytics_event_length',  
    problemMessage: 'Firebase Analytics max event name length is 40 chars.',  
    errorSeverity: ErrorSeverity.WARNING,  
)
```

## STEP 3

### lib.firebaseio\_analytics\_event\_length\_rule.dart

```
class FirebaseAnalyticsEventLengthRule extends RuleContextRule {  
    FirebaseAnalyticsEventLengthRule() : super(name: 'length')  
  
    static const _length = const LintRule(  
        'FirebaseAnalyticsEventLength',  
        'Firebase Analytics has event new length or old ones.',  
        'https://github.com/firebase/flutterfire/tree/master/packages/firebase_analytics#length');  
  
    @override  
    void run(  
        CustomLintResolver resolver,  
        ErrorReporter reporter,  
        CustomLintContext context,  
    ) {...}  
  
    static LintRule get _lengthRule => _length;
```

length

CustomLintRule \_lengthRule = () => \_length;

## STEP 3

### lib.firebaseio\_analytics\_event\_length\_rule.dart

```
class FirebaseAnalyticsEventLengthRule extends RuleBaseRule {
```

```
    const FirebaseAnalyticsEventLengthRule() : super(name: "length") {
```

```
        name = "length";
```

```
    @override  
    void run(  
        CustomLintResolver resolver,  
        ErrorReporter reporter,  
        CustomLintContext context,  
    ) {...}
```

## STEP 3

### lib.firebaseio\_analytics\_event\_length\_rule.dart

```
class FirebaseAnalyticsEventLengthRule extends Rule<Event> {
    FirebaseAnalyticsEventLengthRule({super.name, super.description});

    static const _min = 1;
    static const _max = 100000;
    static const _warning = "Firebase Analytics event length is off limits";
    static const _error = "Firebase Analytics event length is off limits";

    @override
    void check(Event event) {
        if (event.length < _min || event.length > _max) {
            if (event.length < _min) {
                return Fix("Event length is too short");
            } else {
                return Fix("Event length is too long");
            }
        }
    }

    @override
    List<Fix> getFixes() => [ /* Optional fixes */ ];
}
```

## STEP 3

### lib.firebaseio\_analytics\_event\_length\_rule.dart

```
class FirebaseAnalyticsEventLengthRule extends Rule<Event> {
    FirebaseAnalyticsEventLengthRule();
}

enum event_level { warning }

@override
void validate(Event event, String message) {
    if (event.level == event_level.warning) {
        print("Warning: ${event.name} has event name length of ${event.name.length}.");
    }
}

@override
List<Fix> getFixes() => [ /* Optional fixes */ ];
}
```

**@override**

**List<Fix> getFixes() => [ /\* Optional fixes \*/ ];**

## STEP 4

### lib.firebaseio\_analytics\_event\_length\_rule.dart

```
@override
void run(
    CustomLintResolver resolver,
    ErrorReporter reporter,
    CustomLintContext context,
) {
    context.registry.addMethodInvocation((node) {
        if (node.methodName.name == 'logEvent' && node.argumentList.arguments.isNotEmpty) {
            final eventName = node.argumentList.arguments.first;
            if (eventName.length > 42) { // 40 chars + 2 quotes
                reporter.reportErrorForOffset(
                    _code,
                    node.argumentList.arguments.first.sourceRange.offset,
                    eventName.length,
                );
            }
        }
    });
}
```

```
@override
void run(
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    ErrorReporter reporter,
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) {
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                );
            }
        }
    });
}
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

- ✗  beast\_view.dart lib 1
- ⓘ Firebase Analytics max event name length is 40 chars. dart(firebase\_analytics\_event\_length) [Ln 113, Col 46]

```
Align(
  alignment: Alignment.bottomRight,
  child: Padding(
    padding: const EdgeInsets.only(bottom: 32, right: 32),
    child: FloatingActionButton(
      onPressed: () {
        FirebaseAnalytics.logEvent('share_beast_event_triggered_by_user_in_app');
      },
      backgroundColor: const Color(0xFFECE8D7),
      child: const Icon(
        Icons.share_outlined,
        color: Color(0xFF060B10),
      ), // Icon
      ).animate().fadeIn(duration: 1000.ms, curve: Curves.easeIn), // FloatingActionButton
    ), // Padding
  ), // Align
```

# STEP 5

## lib.firebaseio\_analytics\_event\_length\_rule.dart

```
38     class _TrimParamNameFix extends DartFix {
39       @override
40     void run(
41       CustomLintResolver resolver,
42       ChangeReporter reporter,
43       CustomLintContext context,
44       AnalysisError analysisError,
45       List<AnalysisError> others,
46     ) {
47       context.registry.addMethodInvocation((node) {
48         if (!analysisError.sourceRange.intersects(node.sourceRange)) { return; }
49         final changeBuilder = reporter.createChangeBuilder(
50           message: 'Trim the event name to 40 chars',
51           priority: 1,
52         );
53         final eventName = node.argumentList.arguments.first;
54         changeBuilder.addDartFileEdit((builder) {
55           builder.addSimpleReplacement(
56             eventName.sourceRange,
57             "${eventName.beginToken.lexeme.substring(1, 41)}",
58           );
59         });
60       });
61     }
62   }
```

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38     class _TrimParamNameFix extends DartFix {
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58           );  
59         });  
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57                 builder.addSimpleReplacement(
58                     eventName.sourceRange,
59                     "'${eventName.beginToken.lexeme.substring(1, 41)}'", // This part is highlighted with a purple rectangle
60                 );
61             });
62         });
63     }
64 }
```

## STEP 3

### lib.firebaseio\_analytics\_event\_length\_rule.dart

```
class FirebaseAnalyticsEventLengthRule extends Rule<Event> {
    FirebaseAnalyticsEventLengthRule();
}

enum event_level { warning }

@override
void validate(Event event, String message) {
    if (event.level == event_level.warning) {
        print("Warning: ${event.name} has event name length of ${event.name.length}.");
    }
}

@override
List<Fix> getFixes() => [ /* Optional fixes */ ];
}
```

**@override**

**List<Fix> getFixes() => [ /\* Optional fixes \*/ ];**

## STEP 3

### lib.firebaseio\_analytics\_event\_length\_rule.dart

```
class FirebaseAnalyticsEventLengthRule extends Rule<Event> {
    FirebaseAnalyticsEventLengthRule();
}

class EventLengthFix extends Fix {
    EventLengthFix();
}

class FirebaseAnalyticsEventLengthRule extends Rule<Event> {
    FirebaseAnalyticsEventLengthRule();
}

class EventLengthFix extends Fix {
    EventLengthFix();
}
```

@override

```
List<Fix> getFixes() => [_TrimParamNameFix()];
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

beast\_view.dart lib 1

💡 Firebase Analytics max event name length is 40 chars. dart(firebase\_analytics\_event\_length) [Ln 113, Col 46]

Ignore "firebase\_analytics\_event\_length" for line

Trim the event name to 40 chars

Ignore "firebase\_analytics\_event\_length" for file

STEP 1

Define a `custom_lint` package

STEP 2

Use that package in project

## STEP 1

### **magic\_beasts/pubspec.yaml**

```
dev_dependencies:  
    custom_lint: ^0.6.4  
  
magic_beasts_lints:  
    path: ./magic_beasts_lints
```

## STEP 1

`magic_beasts/analysis_options.yaml`

```
analyzer:  
  plugins:  
    - custom_lint
```

```
flutter pub run custom_lint
```

## **magic\_beasts / .github / workflows / pull\_request.yml**

```
- name: Run Custom Lints Check
  if: '!cancelled()'
  run: flutter pub run custom_lint
```

▼ ✘ Run Custom Lints Check

```
1 ►Run flutter pub run custom_lint
7 Analyzing...
8
9     lib/beast_view.dart:113:46 • Firebase Analytics max event name length is 40 chars. • firebase_analytics_event_length • INFO
10
11 1 issue found.
12 Error: Process completed with exit code 1.
```

avoid-functions-in-  
register-singleton

Flutter Hooks >

Firebase Analytics ▾

incorrect-firebase-event-  
name

incorrect-firebase-  
parameter-name

GetX >

Pubspec ▾

avoid-any-version

avoid-dependency-  
overrides

banned-dependencies

prefer-caret-version-  
syntax

prefer-correct-package-  
name

prefer-correct-screenshots

prefer-publish-to-none

prefer-semver-version

Intl >

Easy Localization >

# incorrect-firebase-event-name

added in: 1.21.0 [warning](#)

Pro+

Warns when the event name does not comply with Firebase limitations.

Firebase requires the event name to contain 1 to 40 alphanumeric characters or underscores and start with an alphabetic character.

Additional resources:

- <https://firebase.google.com/docs/reference/cpp/group/event-names>
- <https://firebase.google.com/docs/analytics/errors>

## Example

✗ Bad:

```
void fn() {  
    _analytics.logEvent(name: ''); // LINT  
    _analytics.logEvent(name: '☺'); // LINT  
    _analytics.logEvent(name: '_'); // LINT  
}
```

✓ Good:

```
void fn() {  
    _analytics.logEvent(name: 'correct_name');  
}
```

...there is more



```
analyzer:  
language:  
  strict-casts: true  
  strict-inference: true  
  strict-raw-types: true
```

```
errors:  
  close_sinks: ignore  
  missing_required_param: error  
  missing_return: error
```

```
analyzer:
```

```
language:
```

```
  strict-casts: true
```

```
  strict-inference: true
```

```
  strict-raw-types: true
```

```
errors:
```

```
  close_sinks: ignore
```

```
  missing_required_param: error
```

```
  missing_return: error
```

#### Code Quality Checks

```
Check Code Duplication
```

```
Check Unused Code
```

```
Check Unused Files
```

```
Check Dependencies
```

```
Check Parameters
```

```
Check Unnecessary  
Nullable Parameters
```

```
Check Unused L10n
```

```
Check Exports  
Completeness
```

#### Metrics

```
Function/Method
```

```
Cyclomatic Complexity
```

```
Halstead Volume
```

```
Lines of Code
```

```
Maintainability Index
```

```
Maximum Nesting
```

```
Number of Parameters
```

```
Number of Used Widgets
```

```
Source lines of Code
```

```
Widgets Nesting Level
```

#### Class

```
Coupling Between Object  
Classes
```

```
Depth of Inheritance Tree
```

```
Number of Added Methods
```

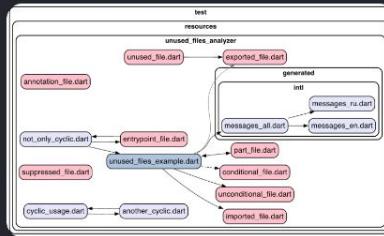
```
Number of Implemented  
Interfaces
```

```
Number of Methods
```

```
Number of Overridden  
Methods
```

```
Response for a Class
```

```
Tight Class Cohesion
```



analyzer:

language:

strict-casts: true

strict-inference: true

strict-raw-types: true

errors:

close\_sinks: ignore

missing\_required\_param: error

missing\_return: error

Code Quality Checks

Check Code Duplication

Check Unused Code

Check Unused Files

Check Dependencies

Check Parameters

Check Unnecessary Nullable Parameters

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Widgets Nesting Level

Class

Coupling Between Object Classes

Depth of Inheritance Tree

Number of Added Methods

Number of Implemented Interfaces

Number of Methods

Number of Overridden Methods

Response for a Class

Tight Class Cohesion

topic:lints

RESULTS 48 packages

SORT BY SEARCH RELEVANCE

**flutter\_lints**

Recommended lints for Flutter apps, packages, and plugins to encourage good coding practices. #lints

v 4.0.0 (52 days ago) flutter.dev Dart 3 compatible

1111 LIKES 160 PUB POINTS 100% POPULARITY

SDK DART FLUTTER PLATFORM ANDROID IOS LINUX MACOS WEB WINDOWS

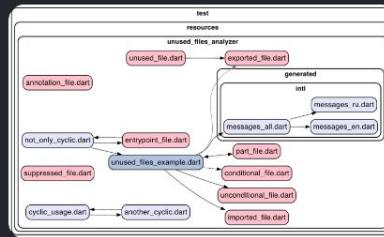
**very\_good\_analysis**

Lint rules for Dart and Flutter used internally at Very Good Ventures. #lints #analyzer #analysis

v 6.0.0 (5 days ago) verygoodventures Dart 3 compatible

607 LIKES 160 PUB POINTS 97% POPULARITY

SDK DART FLUTTER PLATFORM ANDROID IOS LINUX MACOS WEB WINDOWS



`analyzer:`

`language:`

`strict-casts: true`

`strict-inference: true`

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Depth of Inheritance Tree

Number of Added Methods

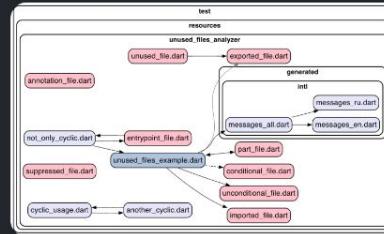
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Number of Methods

Number of Overridden Methods

Response for a Class

Tight Class Cohesion



## Flutter: Find Unused Dart Files & Assets

esentis | 3,348 installs | (6) | Free

Find unused assets, files and never referenced dependencies to clean up your project.

Install

Trouble Installing?



analyzer:

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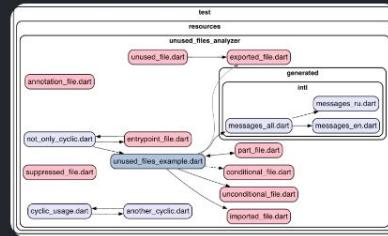
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v 6.0.0 (5 days ago) ◉ verygoodventures ◉ MIT ◉ Dart 3 compatible

SDK DART FLUTTER PLATFORM ANDROID IOS LINUX MACOS WEB WINDOWS

Github Action

Flutter Analyze Commenter

v 1.2.0 (latest version)

Flutter Analyze Commenter

Flutter Analyze Commenter is a GitHub Action that posts comments on pull requests with results from both `flutter analyze` and `dart run custom_lint`.

github-actions

1 hour ago

Level

Message

✗ A value of type 'int' can't be assigned to a variable of type 'String'

⚠ The value of the local variable 'x' isn't used

ℹ Use 'const' for final variables initialized to a constant value

Code Quality Checks

Check Code Duplication

Check Unused Code

Check Unused Files

Check Dependencies

Check Parameters

Check Unnecessary Nullable Parameters

Check Unused L10n

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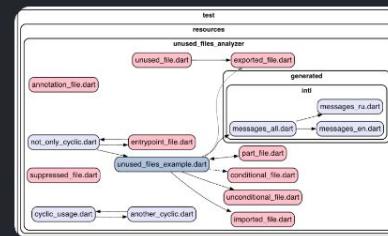
Number of Implemented Interfaces

Number of Methods

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Response for a Class

Tight Class Cohesion



Copy/Paste Detector



Flutter: Find Unused Dart Files & Assets

esentis | 3,348 installs | ★★★★★ (6) | Free

Find unused assets, files and never referenced dependencies to clean up your project.

Install

Trouble Installing? ↗



Github Actions

Code Formatting  
`analysis_options.yaml`  
`all_lints.yaml`  
DCM  
`custom_lint`

← audit

## ✖ Test action initial #36

⟳ Re-run jobs



### Summary

Jobs

### audit

Run details

⌚ Usage

🔗 Workflow file

### audit

failed last week in 2m 21s

⟳ Search logs



- > ✓ Set up job 1s
- > ✓ Checkout Repository 3s
- > ✓ Set up Flutter 51s
- > ✓ Run flutter pub get 9s
- > ✓ Flutter Version 0s
- > ✓ Run Flutter Analyze 24s
- > ✓ Install DCM 1s
- > ✓ Run DCM Analyze 11s
- > ✖ Run DCM Check Dependencies 2s
- > ✓ Run DCM Check Unused Files 1s
- > ✓ Run DCM Check Unused Code 1s
- > ✓ Run DCM Check Duplicate Code 1s
- > ✓ Run Custom Lints Check 29s
- > ✓ Run DCM Analyze Widgets 1s
- > ✓ Check Code Format 0s
- > ✓ Post Checkout Repository 0s
- > ✓ Complete job 0s

COMING SOON

# New tall style: Automated trailing commas and other formatting changes #1253

[New issue](#)[Open](#)

munificent opened this issue on Aug 22, 2023 · 86 comments



munificent commented on Aug 22, 2023 · edited

Member

...

TL;DR: We're proposing a set of style changes to `dart format` that would affect about 10% of all Dart code. We want to know what you think.

The main change is that you no longer need to manually add or remove trailing commas. The formatter adds them to any argument or parameter list that splits across multiple lines and removes them from ones that don't. When an argument list or parameter list splits, it is formatted like:

```
longFunction(  
    longArgument,  
    anotherLongArgument,  
);
```



This change means less work writing and refactoring code, and no more reminding people to add or remove trailing commas in code reviews. We have a [prototype implementation](#) that you can try out. There is a detailed feedback form below, but you can give us your overall impression by reacting to the issue:

## Assignees

No one assigned

## Labels

None yet

## Projects

None yet

## Milestone

No milestone

## Development

No branches or pull requests

[https://github.com/dart-lang/dart\\_style/issues/1253](https://github.com/dart-lang/dart_style/issues/1253)

# Implement Workspace Feature [meta] #53875

 Open

 2 of 4 tasks

jacob314 opened this issue on Oct 26, 2023 · 13 comments



jacob314 commented on Oct 26, 2023 · edited by sigurdm

Member

...

## Workspace feature

### Description

Support shared resolution between packages of a workspace / mono-repo.

Workspaces are tightly related packages that are developed and released together.

We have seen the analysis server consume large memory such that it is rendered unusable mainly due to the lack of a workspace feature.

[#52447](#)

[#41793](#)

### Work items

- Pub support:  [Implement workspaces \[pub client\]](#) pub#4127
- flutter tool support:  [Adapt flutter tools to handle pub workspaces](#): flutter/flutter#150196
- Analyzer support  [Improve server performance by decreasing the number of Analysis context's created](#) #53874
- Documentation:  [Document new workspaces feature](#) site-www#5891



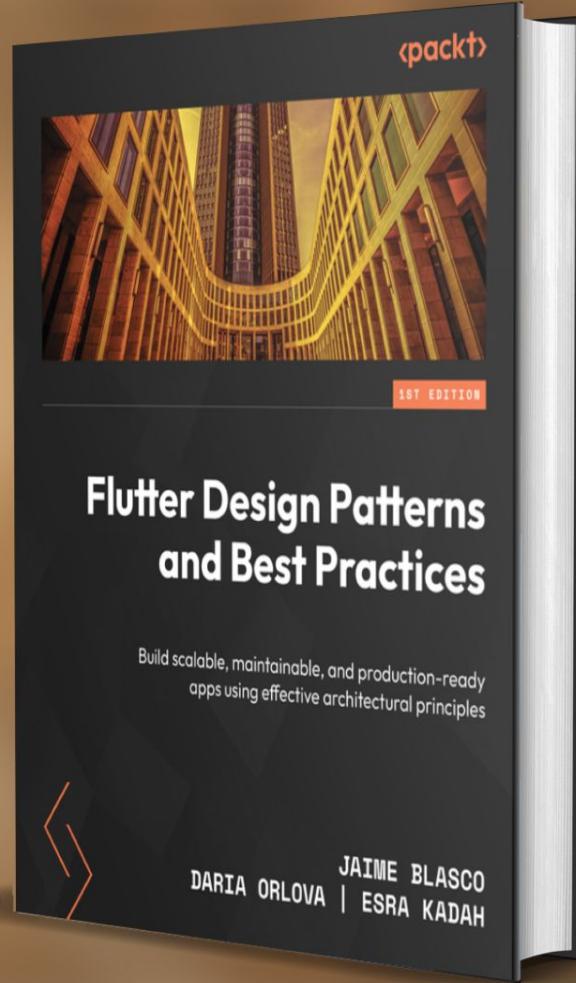
30



12

<https://github.com/dart-lang/sdk/issues/53875>

# TOMORROW!



# Thank you!



 [substack.com/@dariadroid](https://substack.com/@dariadroid)

 [@dariadroid](#)

 [github.com/darjaorlova](https://github.com/darjaorlova)