

Why a **dart cli** will simplify your life



Who am I?

- › Koen Van Looveren
- › Freelance developer
- › Focus on Flutter
- › Flutter Belgium organizer
- › Webflow & Serverpod enthusiast

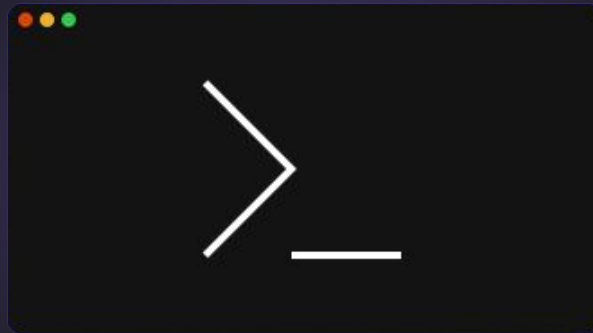


What are we doing **today**?

- › What is a cli?
- › Why do you need a custom cli?
- › Why use dart for your cli?
- › How to write a custom cli?
- › How I use my custom cli?
- › When not to use a custom cli?

What is a cli

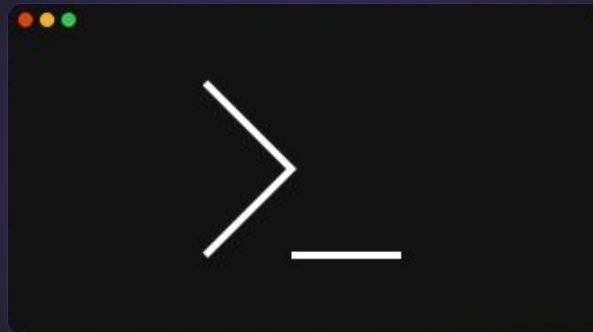
- › command line interface
- › Interactive
- › flutter / dart = cli
 - › flutter doctor -v



Why do you need a **custom** cli?

- › Simplify company tasks
- › Use dart for everything
- › Prevent context switching

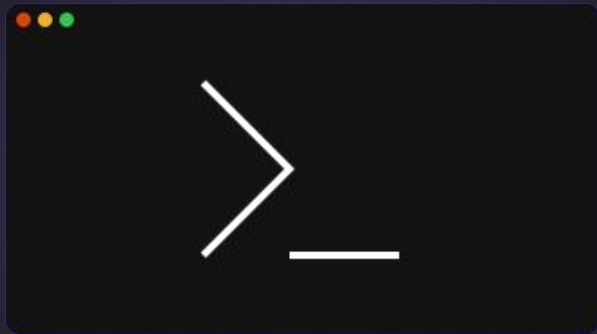
custom



Why do you need a **custom** cli?

- › Simplify company tasks
- › Use dart for everything
- › Prevent context switching
- › But we already have fastlane?

custom



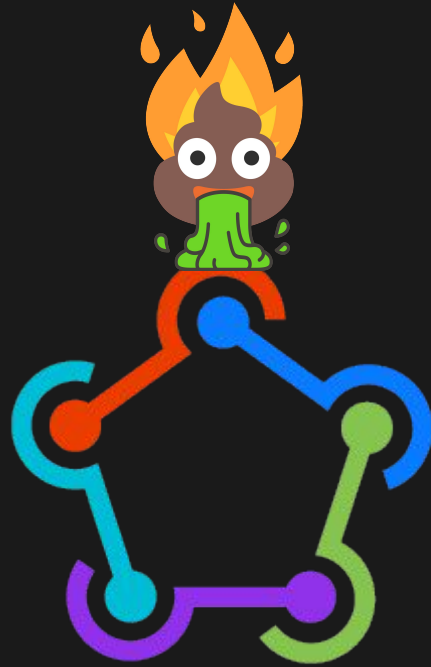
Fastlane or fastpain?

- › Ruby
- › Gem vs brew
- › Cocoapods
- › Dev environment issues



Fastlane or fastpain?

- › Ruby
- › Gem vs brew
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Why use **dart** for your cli?

- › 1 programming language for all!!
- › No context switching
- › AOT cli compilation
- › Runs anywhere
- › No dev environment issues



How to write one?

args 2.5.0

Published 5 months ago • @dart.dev (Dart 3 compatible)

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👍 371

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

Dart CLI passing pub v2.5.0 publisher dart.dev

Parses raw command-line arguments into a set of options and values.

This library supports GNU and POSIX style options, and it works in both server-side and client-side apps.

Defining options

First create an `ArgParser`:

```
var parser = ArgParser();
```

Then define a set of options on that parser using `addOption()` and `addFlag()`. Here's the minimal way to create an option named "name":

371
LIKES
150
PUB POINTS
99%
POPULARITY

Publisher

@dart.dev

Metadata

Library for defining parsers for parsing raw command-line arguments into a set of options and values using GNU and POSIX style options.

[Repository \(GitHub\)](#)

[View/report issues](#)

[Contributing](#)

cli_spin 1.0.1

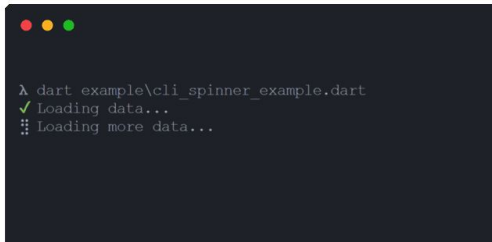
Published 11 months ago • @marinitlov.com (Dart 3 compatible)

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

A Dart package that enhances the user experience by displaying a sleek terminal spinner for both sync and async operations.



15
LIKES
150
PUB POINTS
76%
POPULARITY

Publisher

@marinitlov.com

Metadata

A Dart package that enhances the user experience by displaying a sleek terminal spinner for both sync and async operations.

[Homepage](#)

[Repository \(GitHub\)](#)

[View/report issues](#)

[Documentation](#)

cli_completion 0.5.1

Published 35 days ago • @verygood.ventures (Dart 3 compatible)

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👍 56

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

CLI Completion



cli passing coverage 100% pub v0.5.1 style very good analysis license MIT

56
LIKES
160
PUB POINTS
99%
POPULARITY



Publisher

@verygood.ventures

Metadata

[Completion functionality](#)

How to write one?

DEMO 🤩 TIME!!

How I use one?

DEMO  TIME!!

When **not** to use a custom cli?

- › Not ready for maintenance?
- › No custom implementation needed
- › Fastlane is working perfect for you
- › You don't like a fun side project



Any questions?

Just shoot!