



# Flutter Databases

## Part I - Drift

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A dimly lit desk setup with multiple monitors and a laptop. The central monitor displays a code editor with a dark theme. To its left, another monitor shows a landscape image. To the right, a laptop displays a website with a '50% OFF' banner. On the desk, there is a white mug, a keyboard, and a desk lamp. The text 'What is Drift?' is overlaid in the center.

# What is Drift?



# Drift

Drift is a reactive persistence library for Flutter and Dart, built on top of sqflite.

- Flutter Favourite
- Well documented
- Flexible - SQL or Dart
- Feature rich - Migration, Filters, Joins
- Type safe
- Fast - threading supported
- Reactive - Streams
- Cross-Platform support
- Battle tested and production ready



A dimly lit desk setup featuring multiple monitors and a laptop. The background shows a large monitor displaying code, a smaller monitor to the left, and a laptop on the right showing a website. The foreground shows a wooden desk with a keyboard, a white mug, and a desk lamp. A semi-transparent white box with the text "What are the features?" is overlaid on the image.

What are the features?



# Drift

## Features


- based on sqlite
- Streaming supported via `{QueryMethods}.watch()`
- Support for encryption of db file - [documentation](#)
- Support for migration [here](#), [documentation](#) is good as well
- “Normal” datatypes, Blobs, DateTime as Unix Timestamp or ISO 8601 String ([documentation](#))
- Documentation for integration tests ([documentation](#))



# Drift

## Features

- drift db viewer package to inspect database on the device, creates a custom view to display tables and content
- Web support still experimental



**Talk is cheap.  
Show me the code.**  
- Linus Torvalds -

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## Drift

- <https://pub.dev/packages/drift>
- <https://drift.simonbinder.eu/>
- [https://pub.dev/packages/drift\\_db\\_viewer](https://pub.dev/packages/drift_db_viewer)





# DANKE

Happy Fluttering and see you at the next meetup

For Part II:-)