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To easily start with Flutter I would suggest to follow the "Get started" section of the official Flutter docs.

Flutter..

- .. is Googles Framework to build native applications for mobile, web and desktop
- .. is using a single Dart codebase
- .. is building beautiful views consisting only out of widgets

Dart..

- .. is a client-optimized language for fast apps on any platform
- .. is like well known languages like Java, JavaScript etc.
- .. can be programmed statically and dynamically
- .. is easy to learn

Widgets..

- .. are the main element of every Flutter application
- .. consist of multiple sub widgets
- .. can be stateless
- .. can be stateful and refresh if needed

Async and Await

To improve performance Dart and Flutter offer multiple asynchronous features.

The application does not wait for an async function to finish before continuing with the code. If you would like to wait for an asynchronous function you will have to await it.