

Search for flutter

Flutter is an open-source framework developed by Google in 2017 and the stable version was released in december 2018

Flutter is based on a programming language Dart

Flutter used to build mobile apps web apps and desktop apps using a single codebase

Features of Flutter

Easy development:

It allows you to build a single application that runs on multiple platforms such as Android, iOS, Web, and more.

High performance:

The code is compiled into native code, which provides performance close to that of native applications.

Attractive user interfaces:

It uses the widget system to create flexible and customizable user interfaces.

Hot Reload:

You can see changes in the application instantly without restarting it.

Disadvantages of Flutter

Large App Size:

Flutter apps are often larger than native apps, which can affect download speed and storage space.

Limited Support for Some Native Libraries:

Some third-party libraries or native system features may not be fully supported, requiring developers to write custom code in native languages like Java or Swift.

Delayed Updates with Native Features:

When new features are introduced in iOS or Android, support for them in Flutter may be delayed compared to native development.

Higher Resource Consumption:

While Flutter offers excellent performance, it can sometimes consume more resources (such as memory and CPU) compared to native apps in certain situations.

Fewer Experienced Developers:

Since Flutter is a relatively new technology, the number of experienced developers is still lower compared to native iOS and Android development.