

**Flutter** is an [open-source UI software development kit](#) created by [Google](#). It is used to develop cross platform applications for [Android](#), [iOS](#), [Linux](#), [macOS](#), [Windows](#), [Google Fuchsia](#),<sup>[3]</sup> and the [web](#) from a single [code](#)

**Dart** is a programming language designed for client development,<sup>[8][9]</sup> such as for the web and [mobile apps](#). It is developed by [Google](#) and can also be used to build server and desktop applications.

It is an [object-oriented](#), [class-based](#), [garbage-collected](#) language with [C-style syntax](#).<sup>[10]</sup> It can [compile](#) to either [native code](#) or [JavaScript](#), and supports [interfaces](#), [mixins](#), [abstract classes](#), [reified generics](#) and [type inference](#)

## Usage;

### Web

To run in mainstream [web browsers](#), Dart relies on a [source-to-source compiler](#) to [JavaScript](#). According to the project site, Dart was "designed to be easy to write development tools for, well-suited to modern app development, and capable of high-performance implementations."

### Stand-alone

The Dart [software development kit](#) (SDK) ships with a stand-alone Dart VM, allowing Dart code to run in a [command-line interface](#) environment.

## Ahead-of-time compiled

Dart code can be [AOT-compiled](#) into machine code (native instruction sets).

## Native

Dart 2.6 includes the *dart2native* compiler to compile to self-contained, native executable code.

# Visual Studio

**The Visual Studio IDE** is one of the most popular and best IDE web development options available. It uses AI to learn from your edits as you code so it can finish your sentences – er, lines of code.

On top of that, you can collaborate with your team, live, when you're editing and debugging. You can also share servers, terminals, and comments.

Visual Studio supports web, mobile, app, and game development, ASP.NET, Python, Node.js, C++, Unity as well as support for Azure.

You can also create development environments in the cloud and a lot more while being available for Windows, Mac, Android, iOS, web, and in the cloud.