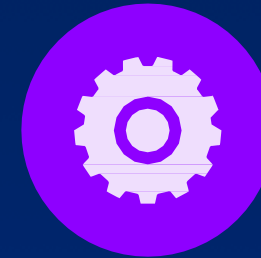




What Is Flutter?

What Is Flutter?



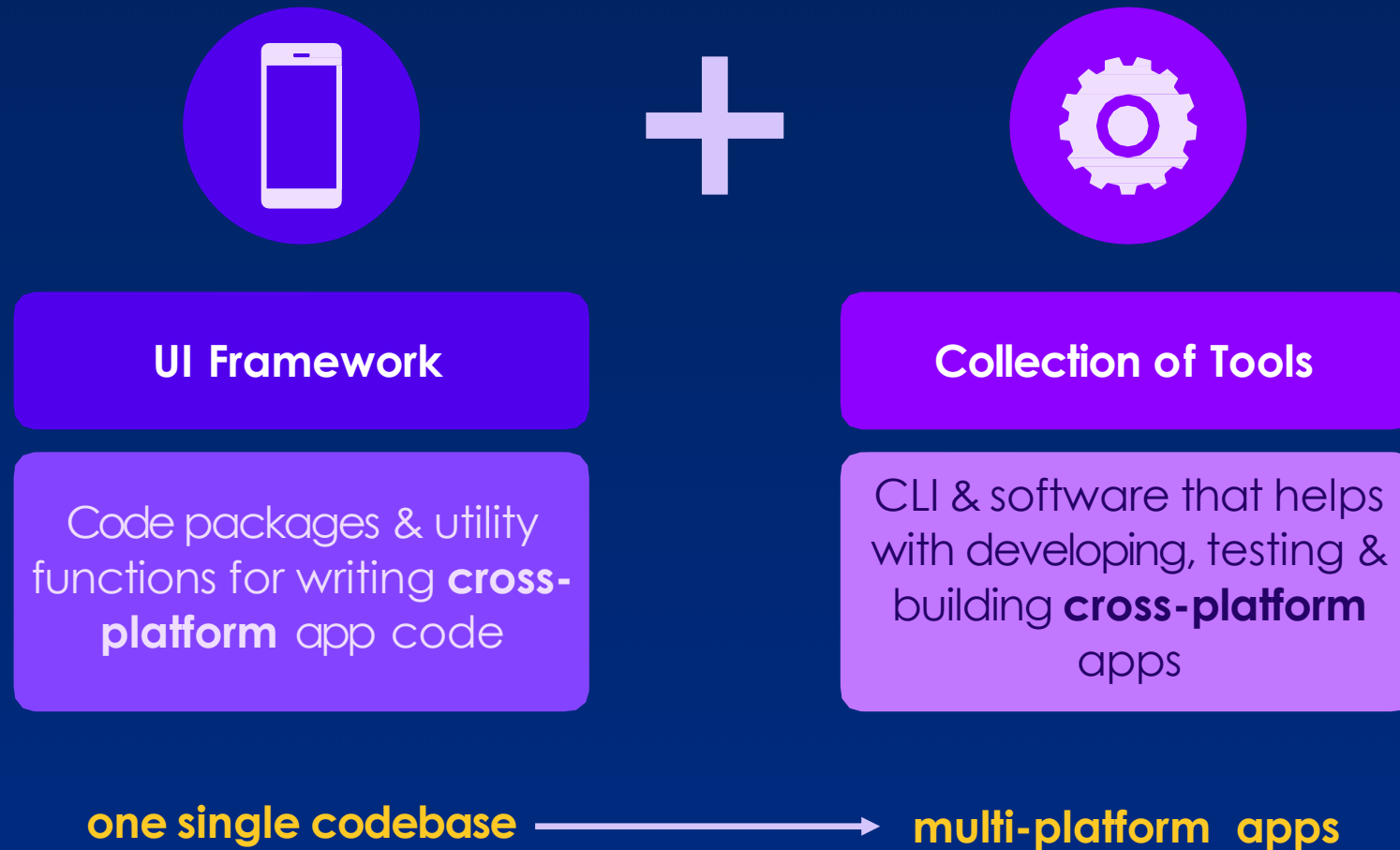
UI Framework

Code packages & utility functions for writing cross-platform app code

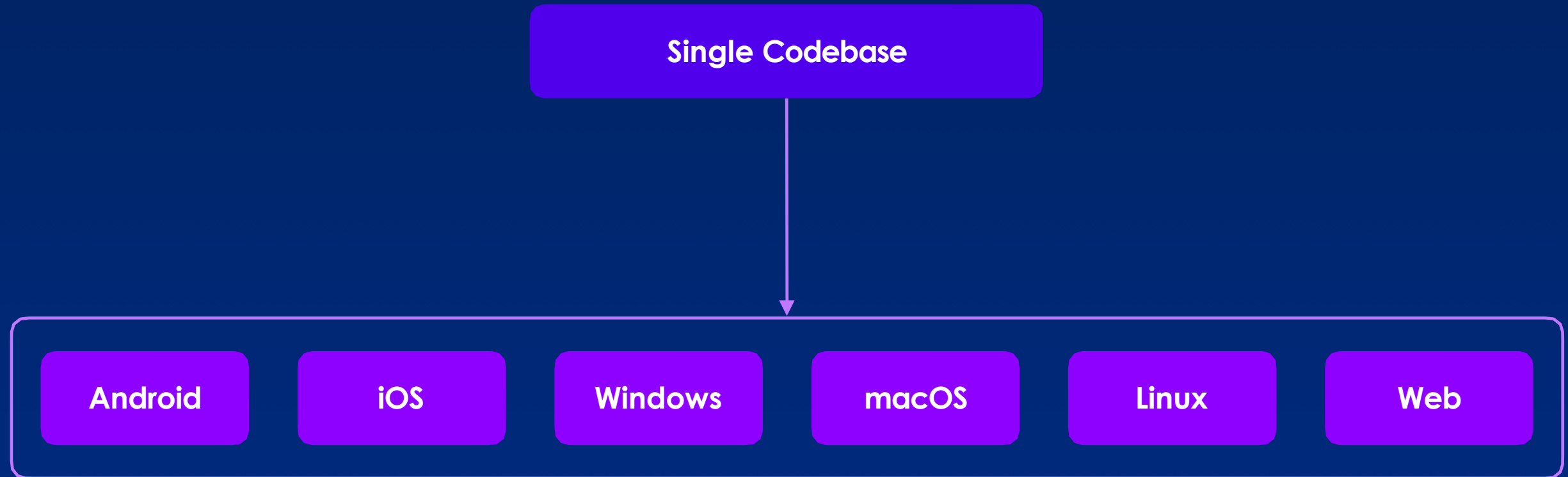
Collection of Tools

CLI & software that helps with developing, testing & building cross-platform apps

What Is Flutter?



One Codebase, Multiple Apps



From Flutter Code To Platform Code

Single Codebase



Flutter translates that code to platform-specific machine code

Native Machine Code

Android

iOS

Windows

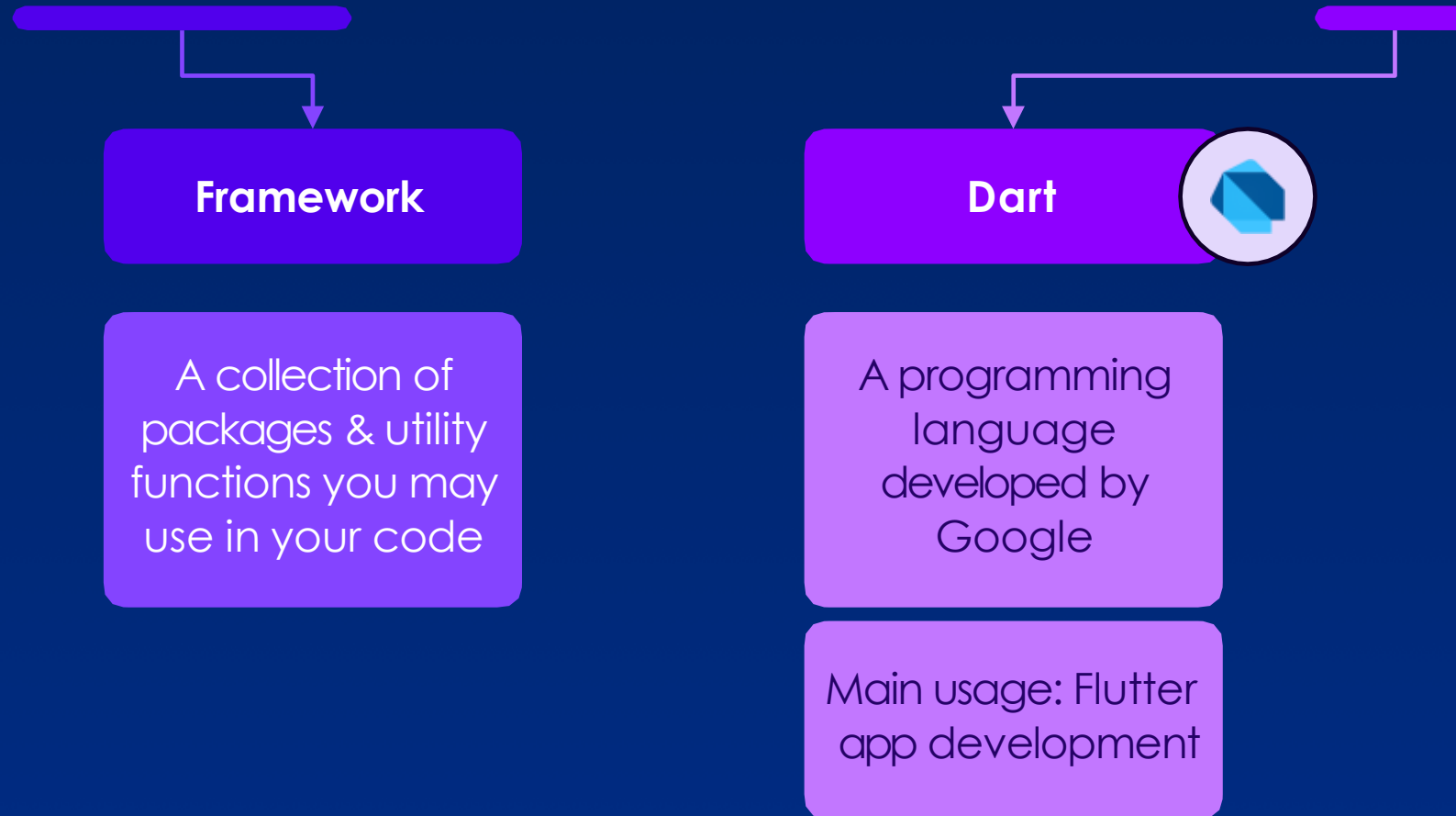
Mac OS

Linux

Web

Flutter Is Not A Programming Language!

It's a **framework** for building user interfaces with **Dart**



Flutter Setup

1



Flutter SDK

Flutter SDK

For managing Flutter projects

Git

Version control software, used internally by Flutter SDK

2



Platform Tools

Android Studio

Used by Flutter SDK & needed for Android app deployment

Visual Studio

Used by Flutter SDK & needed for windows app deployment

3



Devices

Android

Preview Flutter apps on Android devices

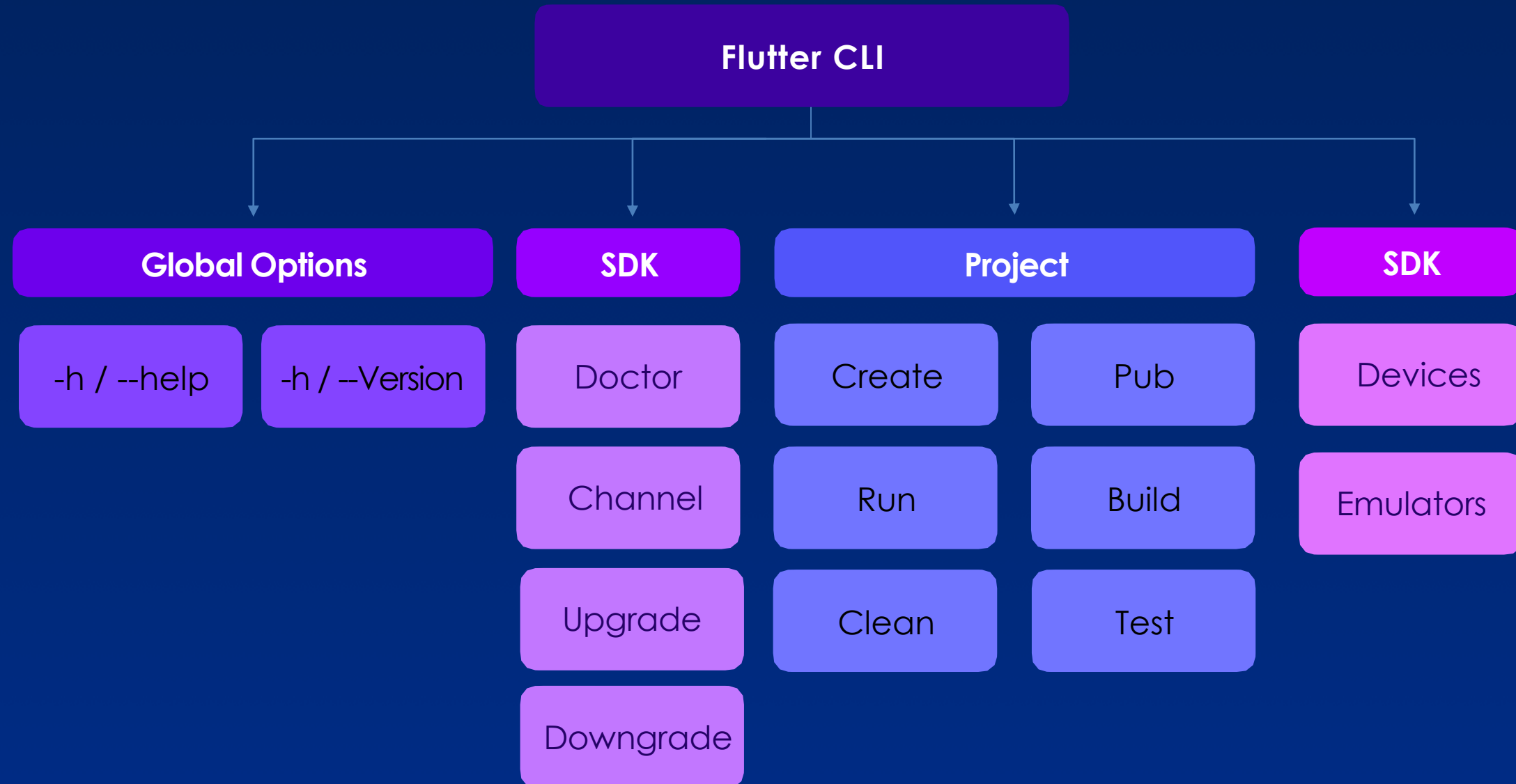
Windows

Preview Flutter apps on windows devices

Edge/Chrome

Preview Flutter apps on web Browsers

Flutter Command-Line





It's one shared codebase!

Let's Meet The Codebase.

About This Course

Beyond the Basics

Animating apps, connecting a backend, using native device features (e.g., camera) & more

Advanced Features

Handling user interactions, customizing styles, building multi-screen apps

Dart & Flutter Fundamentals

Base syntax, core features & foundational concepts needed to build mobile app user interfaces

