

Jetpack

OVERVIEW

GET STARTED

ANDROIDX

COMMUNITY

Android Jetpack

Jetpack is a suite of libraries, tools, and guidance to help developers write high-quality apps easier. These components help you follow best practices, free you from writing boilerplate code, and simplify complex tasks, so you can focus on the code you care about.

Jetpack comprises the [androidx.*](#) package libraries, unbundled from the platform APIs. This means that it offers backward compatibility and is updated more frequently than the Android platform, making sure you always have access to the latest and greatest versions of the Jetpack components.



GET STARTED

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Accelerate development

Components are individually adoptable but built to work together while taking advantage of Kotlin language features that make you more productive.



Eliminate boilerplate code

Android Jetpack manages tedious activities like background tasks, navigation, and lifecycle management, so you can focus on what makes your app great.



Build high quality, robust apps

Built around modern design practices, Android Jetpack components enable fewer crashes and less memory leaked with backwards-compatibility baked in.

Android Jetpack Components

Android Jetpack components are a collection of libraries that are individually adoptable and built to work together while taking advantage of Kotlin language features that make you more productive. Use them all or mix and match!



Foundation

Foundation components provide cross-cutting functionality like backwards compatibility, testing and Kotlin language support.



Architecture

[Architecture components](#) help you design robust, testable and maintainable apps.



Behavior

Behavior components help your app integrate with standard Android services like notifications, permissions, sharing and the Assistant.



UI

UI components provide widgets and helpers to make your app not only easy, but delightful to use. Learn about [Jetpack Compose](#), which helps simplify UI development.