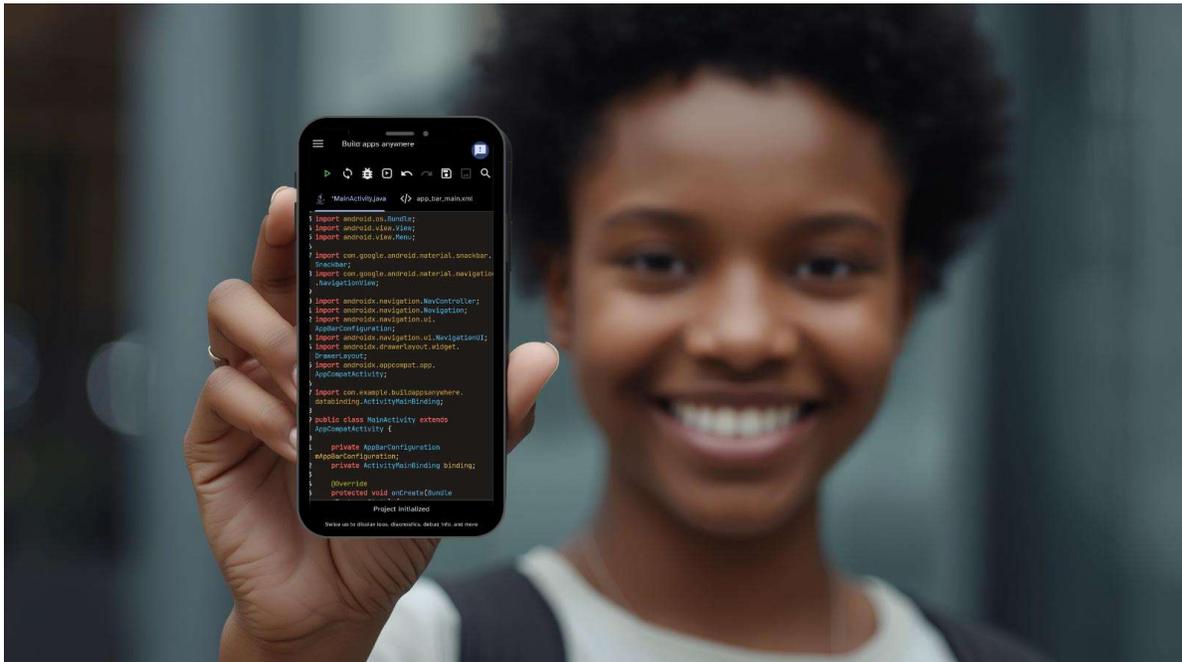# No computer? No internet? No problem.

Developing full-strength Android apps on Android phones, offline
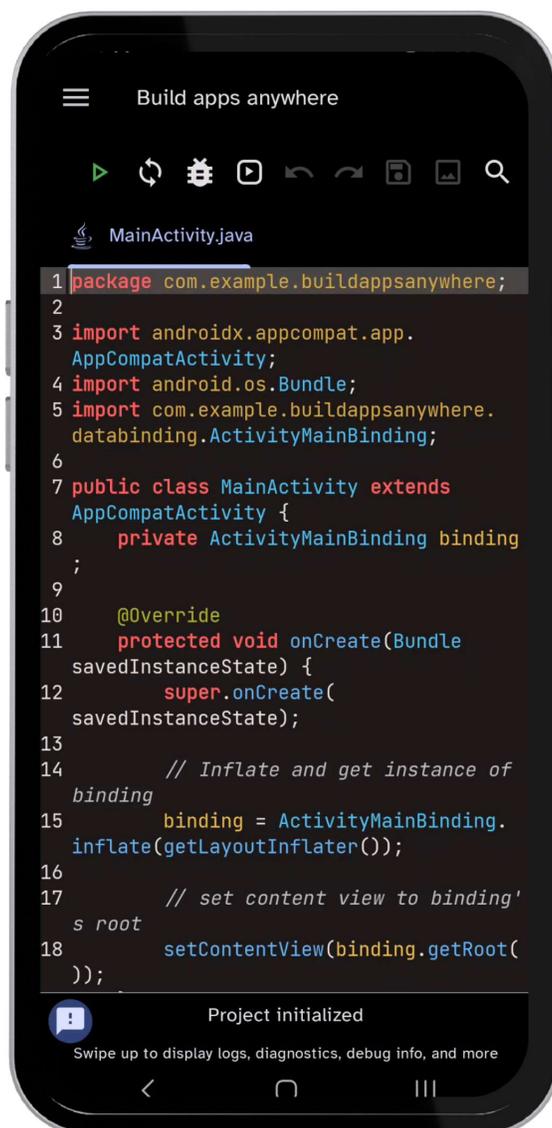
David Schachter
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Jim Turner
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Billions of people have an Android phone but no computer.

What if they could build apps with the phone that's already in their hands?
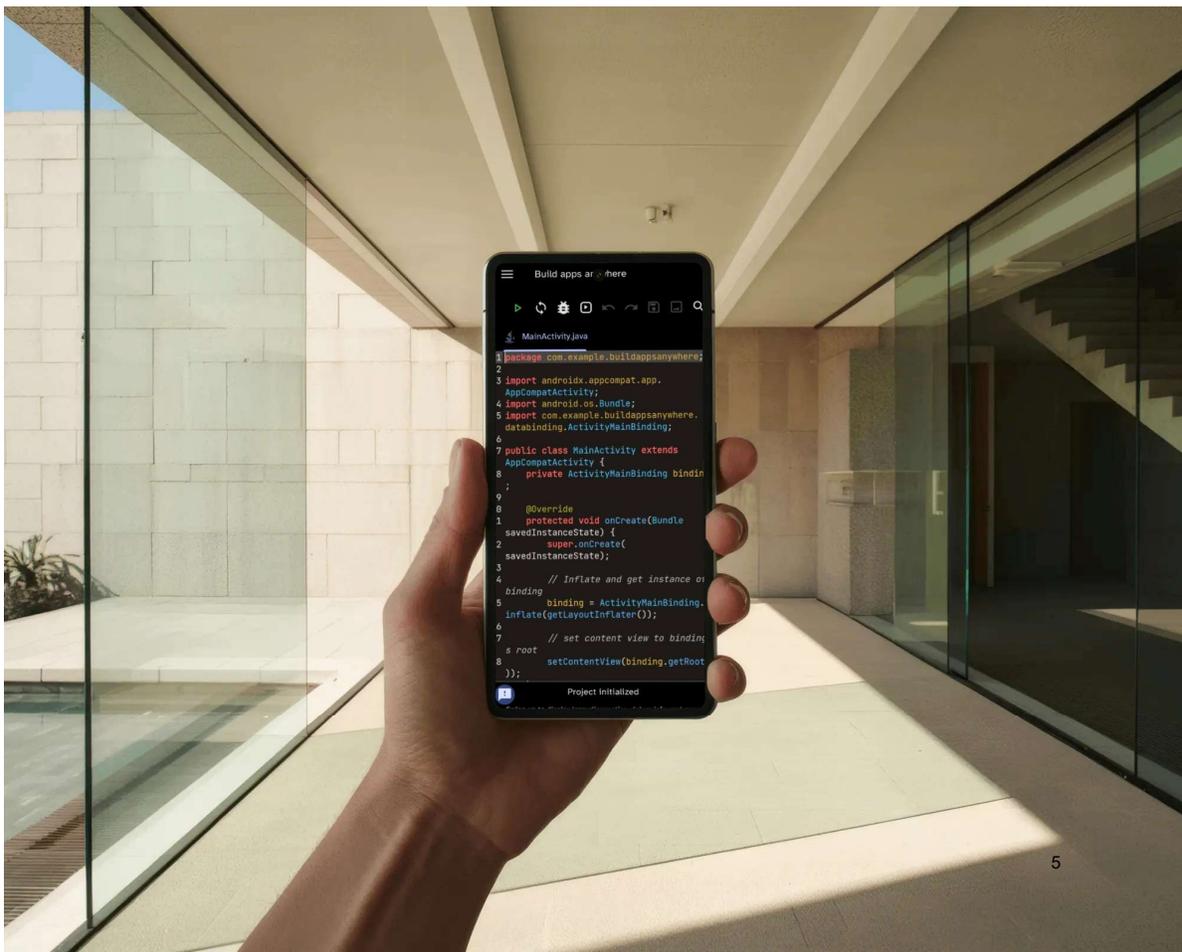
App Dev for All

We are a nonprofit building free and open-source development tools to help bridge the digital gap and democratize access to programming resources.

Our projects include Code on the Go and Internet-in-a-Box on Android.

Code on the Go IDE
for Android phones and tablets

- Industrial-strength

- Native

- Offline-first

- Extensible by design

- Support for online and local AI agentic coding

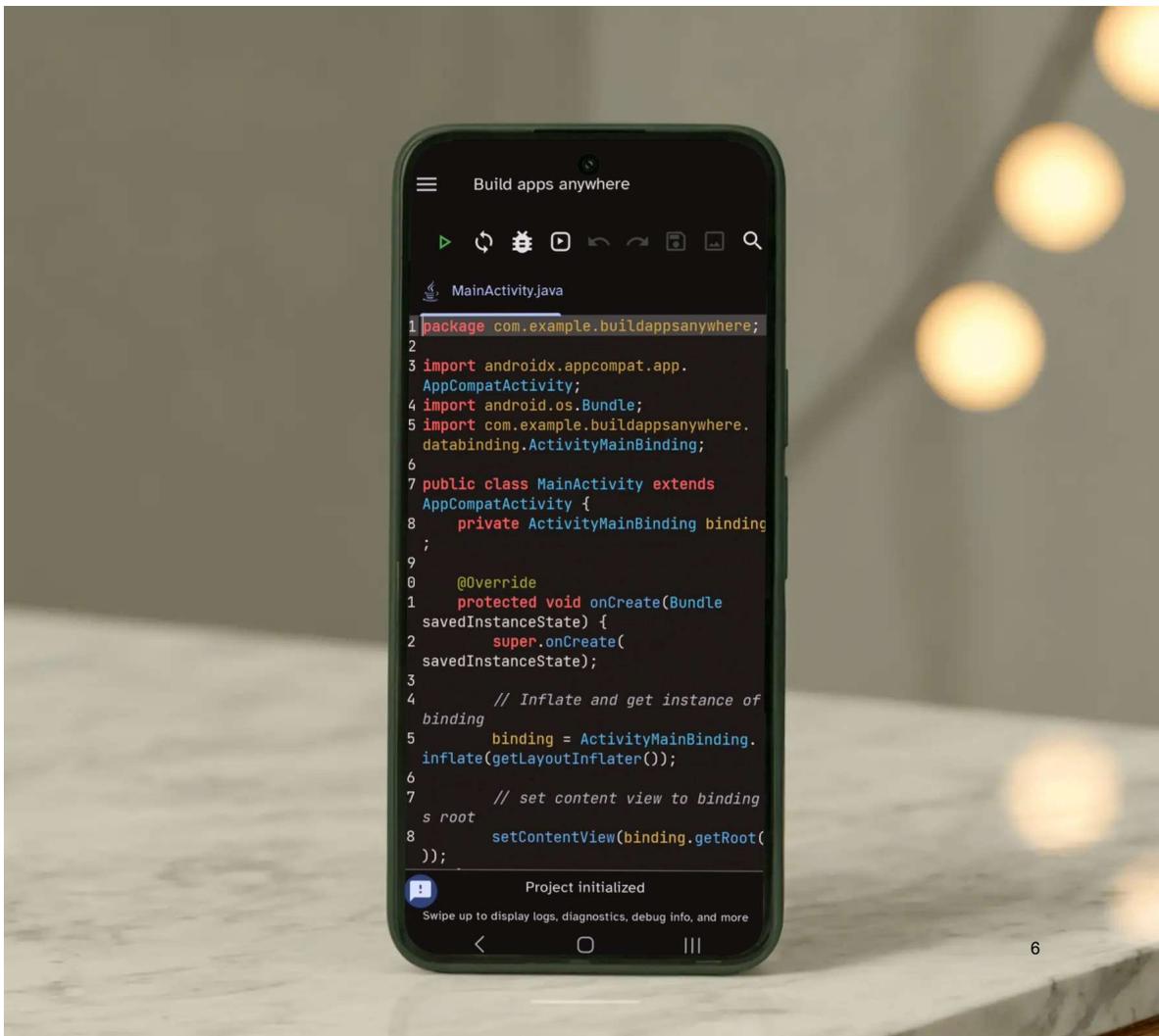- Making it easier to write code on small screens

Industrial strength

- Industry-standard tools
  - Java
  - Kotlin
  - NDK for C/C++ (and even assembly language)
- On-device debugger
- Can compile and build massive capability-stretching programs

True native build system

- ARM -7 and ARM-8 toolchains

- Ports of open source toolchains

- Easy to import from other IDEs

- No emulation and transpilation

- No need to download to target

Offline first

- SDK and NDK are built in

- Internet is not needed to build apps (local Maven repositories)

- Built-in help and documentation everywhere
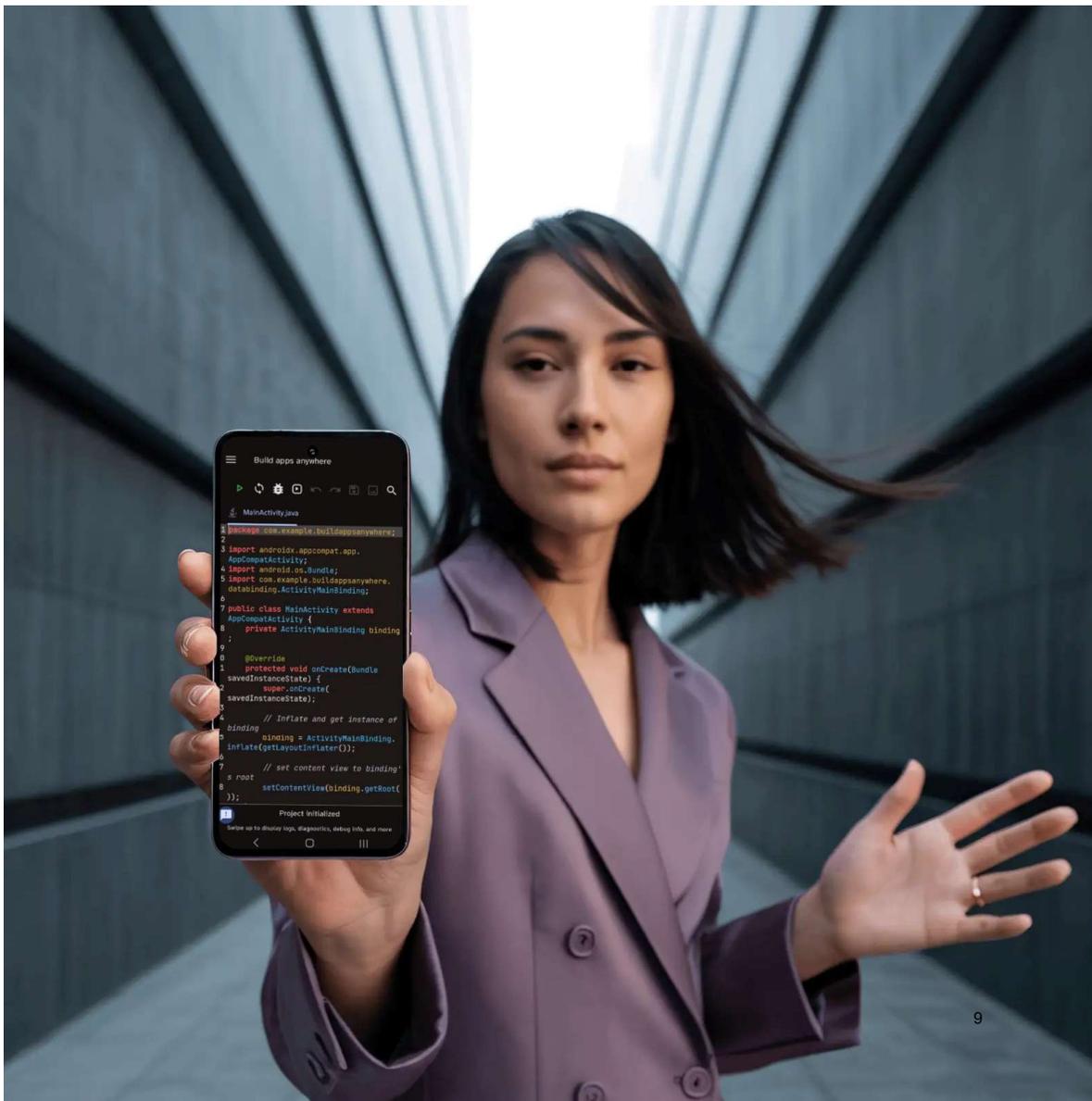
- Offline (and online) agentic AI

Extensible

- Robust plugin ecosystem

- Full API

Simplify development on small screens

- LSPs and shortcuts for common code actions

- Agentic AI coding support

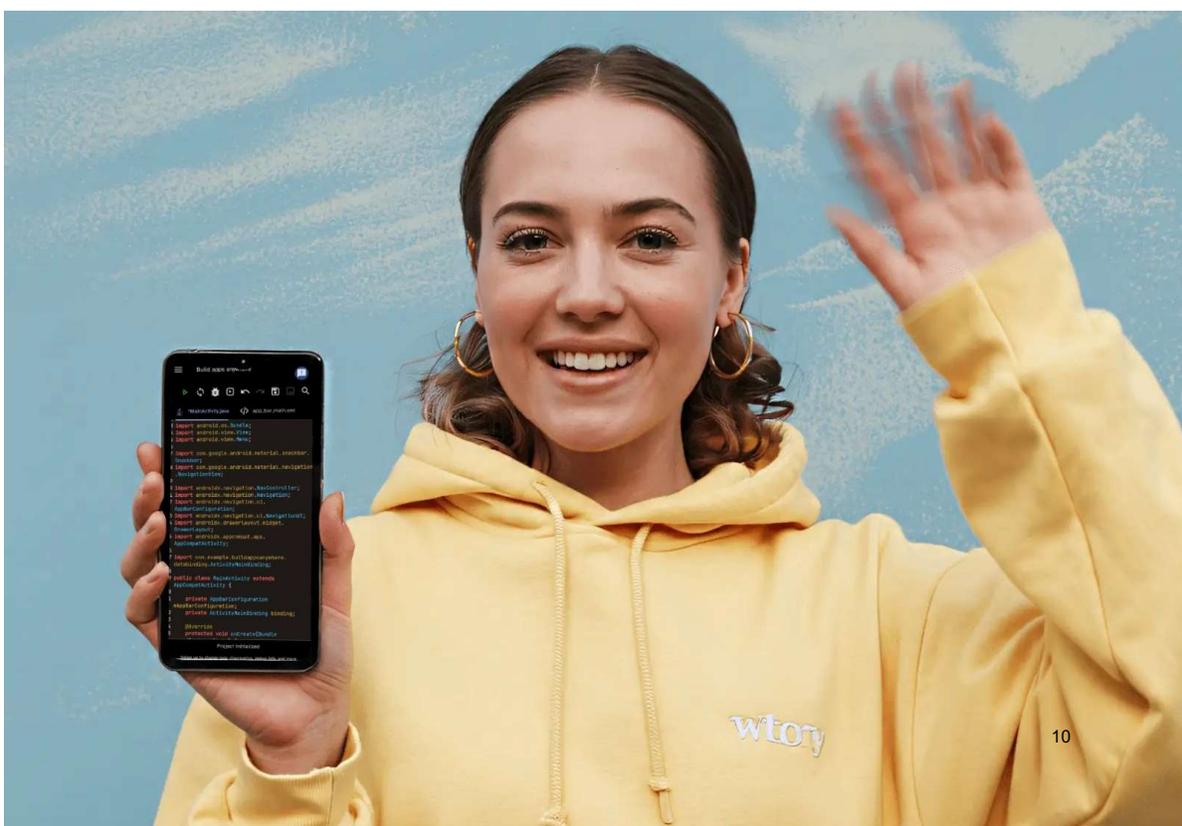- Sketch-to-UI converts drawings to XML layout

Feedback for our preview release

"The experience was mind-blowing...It's a literal game-changer for on-the-go development."

"The fact that a mobile IDE can compile and handle this level of rendering is insane."

"I don't have a PC and this Android-based IDE is really helpful for me."

"Special thanks for the plugin system, **quick responses**, developer-friendly approach, and making pro Android dev possible on a phone!"

10

Partners

Code on the Go roadmap

Release	Date
Release 0 **DB**	October 2025
Release 1 **IS**	April 2026
Release 2 **GtD 1**	Q4 2026
Release 3 **GtD 2**	Q2 2027
Release 4 **Fractions**	Q4 2027
Release 5 **NG**	Q2 2028

Interested? *Inspired?*
Help! We need:

- Early adopters to test features

- Documentation, reference, and instructional materials, and translations

- Plugins to add new features

- Your great ideas that we haven't thought of!

![App Dev for All logo — a green globe between navy blue brackets]

Code on the Go is free and open-source.

Visit **appdevforall.org**