

For everyone

Acknowledgements

The open source software, typefaces and place data ToolBox is built on, and the people who made them.

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IN SHORT

- ToolBox stands on a great deal of work given away for free.
- Everything here is used under its own licence, and those licences are reproduced in full.
- If we have credited something wrongly, tell us and we will fix it.

A plain summary to orient you. The sections below are the agreement.

1. Thank you

Almost none of the hard parts of this app were written by us. Rendering text at sixty frames a second, encrypting a connection, keeping a list smooth while it loads images: all of that came from people who solved it properly and then gave it away.

The licences below require attribution. We would want to give it anyway.

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2. Language and framework

Kotlin

JetBrains. Apache License 2.0. The language ToolBox is written in, and the multiplatform compiler that lets one codebase run on Android, iOS and the web.

Compose Multiplatform

JetBrains. Apache License 2.0. The UI framework that draws every screen in both apps.

Jetpack Compose and AndroidX

The Android Open Source Project. Apache License 2.0. Foundation, runtime, lifecycle, navigation and the Android platform libraries underneath.

Material 3

Google. Apache License 2.0. The design system components and their behaviour.

kotlinx.coroutines

JetBrains. Apache License 2.0. Everything asynchronous.

kotlinx.serialization

JetBrains. Apache License 2.0. Turning data into JSON and back, including navigation routes.

kotlinx.collections.immutable

JetBrains. Apache License 2.0. Stable collections that let Compose skip work it does not need to do.

3. Libraries

Ktor

JetBrains. Apache License 2.0. The HTTP client that talks to our backend.

Koin

Kotzilla and contributors. Apache License 2.0. Dependency injection across both apps.

AndroidX DataStore

The Android Open Source Project. Apache License 2.0. On-device storage of your preferences.

Multiplatform Settings

Russell Wolf. Apache License 2.0. Shared settings storage across platforms.

Kermit

Touchlab. Apache License 2.0. Logging.

Compottie

Alexander Zhirkevich. Renders Lottie animations in Compose Multiplatform, so our animations are vectors rather than video.

Firebase

Google. Apache License 2.0. Authentication, messaging, remote configuration and crash reporting.

Firebase Kotlin SDK

GitLive. Apache License 2.0. The multiplatform bindings over Firebase.

4. Typefaces

Plus Jakarta Sans

Tokotype. SIL Open Font License 1.1. Our interface typeface, and the one you are reading now.

Be Vietnam Pro

Be Team. SIL Open Font License 1.1. Used for display and headings.

The SIL Open Font License permits use, study, modification and redistribution, including in commercial products, provided the fonts are not sold on their own. The full text is in section 8.

5. Place names

GeoNames

geonames.org. Creative Commons Attribution 4.0 International (CC BY 4.0). The names and positions of South Africa's towns, suburbs and villages behind a pro's service area: the base they travel from, the places their circle reaches, and the "Travels up to N km from" line wherever that base is named.

We use an extract of the GeoNames South Africa data, not the whole of it. We keep only populated places, merge entries that name the same place twice a few kilometres apart, and tag each place with its province and the larger town it is known by. The names and positions themselves are as GeoNames publishes them. GeoNames does not endorse ToolBox.

Visit GeoNames



(<https://www.geonames.org>)

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6. Icons

The icons in both apps are ToolBox's own set, drawn in-house. They, the ToolBox mark, the wordmark and the trade illustrations are our own work and are not covered by any of the licences here.

7. The Lottie format

Our animations use the Lottie format, created at Airbnb and released under the Apache License 2.0. Compottie is an independent implementation for Compose and is not affiliated with Airbnb.

8. Licence texts

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9. Photography and illustration

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10. Trade marks

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11. Keeping this honest

This list is maintained as the app changes. If a dependency is added and this page is not updated, that is a bug and we want to hear about it. A full machine-generated dependency and licence report is available on request at legal@toolbox.africa.

If anything here is unclear, ask before you rely on it. We would rather explain a clause than argue about it later.