

Kotlin MultiPlatform App with Nix Build Environment

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Building a Kotlin app requires a multitude of dev dependencies, usually supplied by installing random tools like Android Studio, etc. This produces a non-deterministic build environment. (PDF/Text)

Using Nix, we provide a deterministic build environment, replicable quickly on any suitable platform.

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1 IntelliJ Idea IDE

Run

```
$ nix-shell
```

to gain access to ‘kdoctor’ to analyze your development environment, and ‘idea’ to start IntelliJ Idea.

2 Create a Demo Kotlin App

Follow <https://www.jetbrains.com/help/kotlin-multiplatform-dev/multiplatform-create-first-app.html> to create a demo app. This is how we produced GreetingsKMP.zip.

3 TODO

- Provide Nix Flake environment w/ build tools and SDKs: <https://github.com/tadfisher/android-nixpkgs>
- Add access to Holochain dev environment with <https://github.com/spartan-holochain-counsel/nix-overlay>