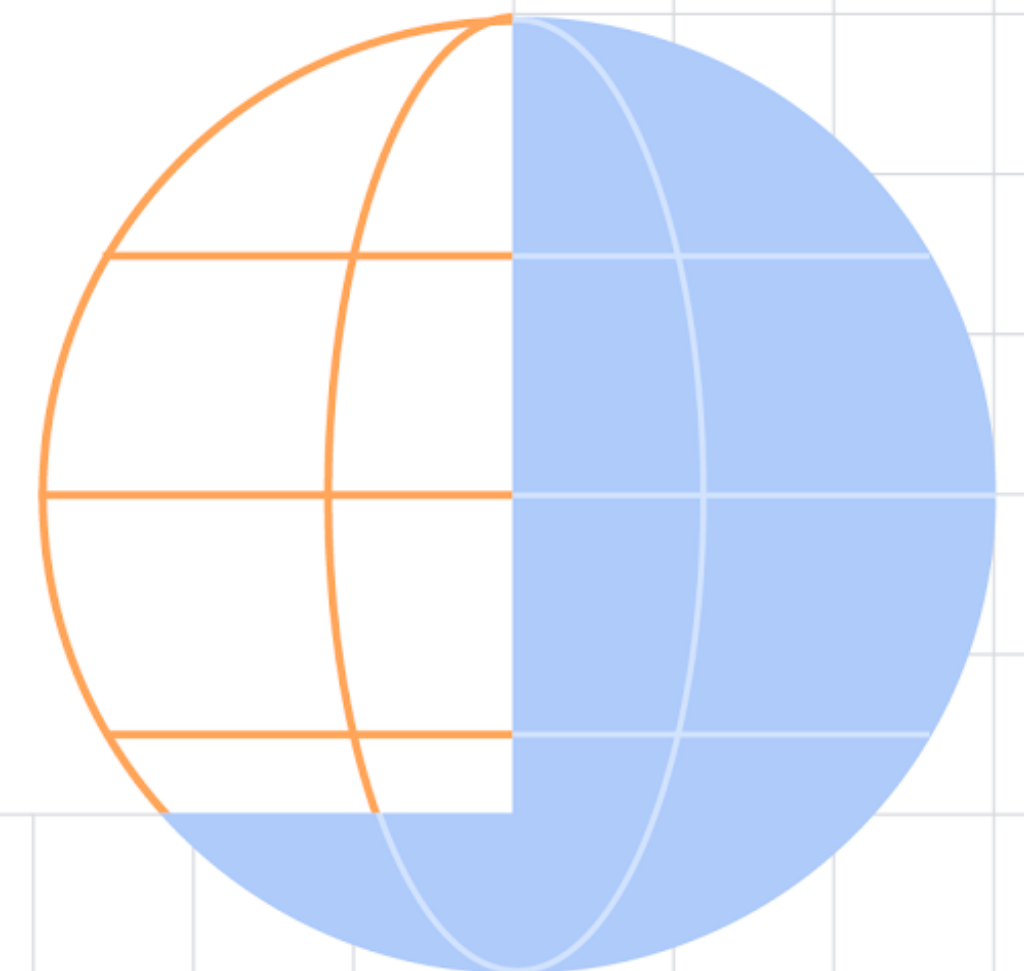


Calculating PrayerTimes with KMP



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Motivation: Why KMP?

Programming Time!

Notes

Expansion Ideas

- Caching of Locations
- PrayerTimes table across a month / year
- Supporting other platforms

Tips

- Lots of great KMP libraries - use them or build your own!
 - [SqlDelight](#)
 - [Kotlinx.Serialization](#)
 - [Kotlinx.DateTime](#)
 - [Multiplatform Settings](#)
 - [Ktor](#)

Tips

- Write tests
- Make things work on iOS first

Resources

- General
 - [PrayerTimes-KMP Repository](#) - Source code for this repository
 - [Your Multiplatform Captain has Arrived](#) - KotlinConf 2019 Talk
- Multithreading
 - [Multithreading in KMP apps](#) - Article and video
 - [Kotlin, Coroutines, and Swift](#) - Russell Wolf

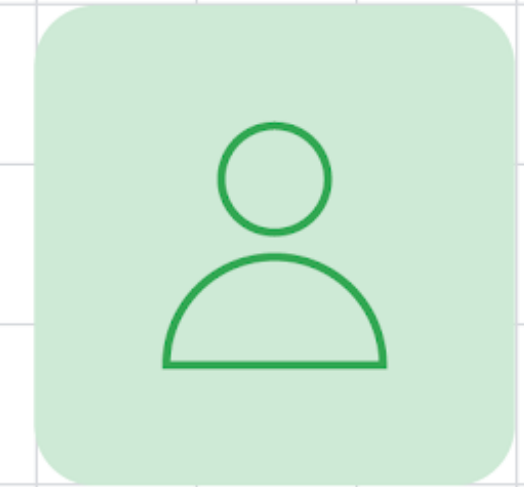
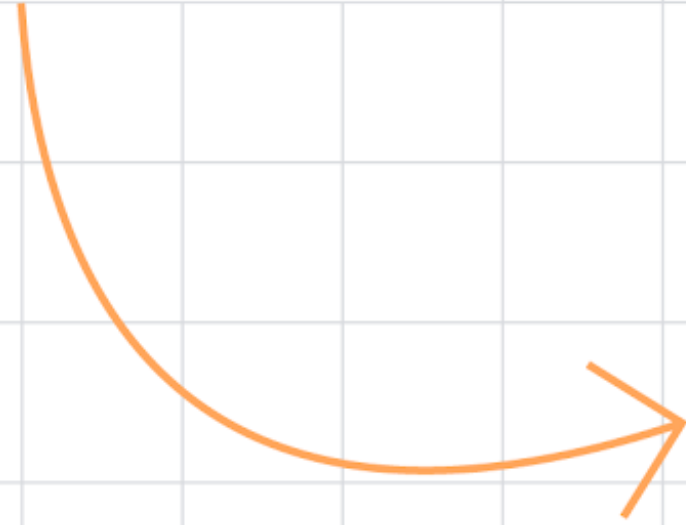
We've built an app that's quite sublime,
an excellent way to get prayer times,
we use a common library called Adhan,
to generate timings according to the plan,
we write this code once and call it right away,
on Android and iOS so we know when to pray.

we share common code in KMP,
generating headers in Objective-C,
on Android we export a jar,
or perhaps if it has resources, an aar.

improving productivity to the core,
duplicate bugs are a thing no more,
fixes for Android fixes iOS too,
with Jetpack Compose and SwiftUI view.

so try out KMP today,
quickly quickly do not delay,
i hope you enjoyed this little rhyme,
now go forth and catch the prayer time.

Google Developers



Thank You!



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