

JET
BRAINS



Kotlin



Nanjing
KUG

我的跨平台竞赛之旅

于瑞 (Yorick)

@Yorick | Dec 17, 2023

于瑞 / Yorick

- 学生
- Android 开发者
- Nanjing Kotlin User Group 组织者

Blog: [Yorick Harbor \(yorick-ryu.github.io\)](https://yorick-ryu.github.io)



wechat: yorick_cn

内容

多平台竞赛介绍

我的参与历程

SharedNotes 介绍及演示

Kotlin Multiplatform 竞赛介绍

官方介绍:

[参与 Kotlin Multiplatform 竞赛, 赢取 KotlinConf'24 之旅! | The Kotlin Blog \(jetbrains.com\)](https://blog.jetbrains.com/kotlin/2024/03/participate-in-kotlin-multiplatform-contest-win-kotlinconf24-trip-|/)

Tips:

1. 全程无费用
2. 使用KMP技术至少跨2个平台
3. 个人竞赛
4. 最终提交内容:
 - a. Github上的项目开源地址
 - b. 300字的背景介绍(英文)

Kotlin Multiplatform 竞赛介绍

评审标准：

1. 创新性(40%)
2. Kotlin跨平台技术的使用(40%)
3. 与编码规范的一致性(20%) [Coding conventions | Kotlin Documentation \(kotlinlang.org\)](https://kotlinlang.org/docs/coding-conventions.html)

Kotlin Multiplatform 竞赛介绍

奖品:

Top 3 : KotlinConf'24 参与者包

参与奖: 一件T恤和一张贴纸

Pos	Artikelnummer	Bezeichnung	Menge
1	JET-CLO-0141-XL	T-Shirt "Kotlin Multiplatform Contest- Size: XL Customer Tariff Code: 61091000	1
2	JET-STICK-0099	Sticker "Kotlin Contest'23" Customer Tariff Code: 48211010	1



我的参与历程

开始时间： 22年12月底

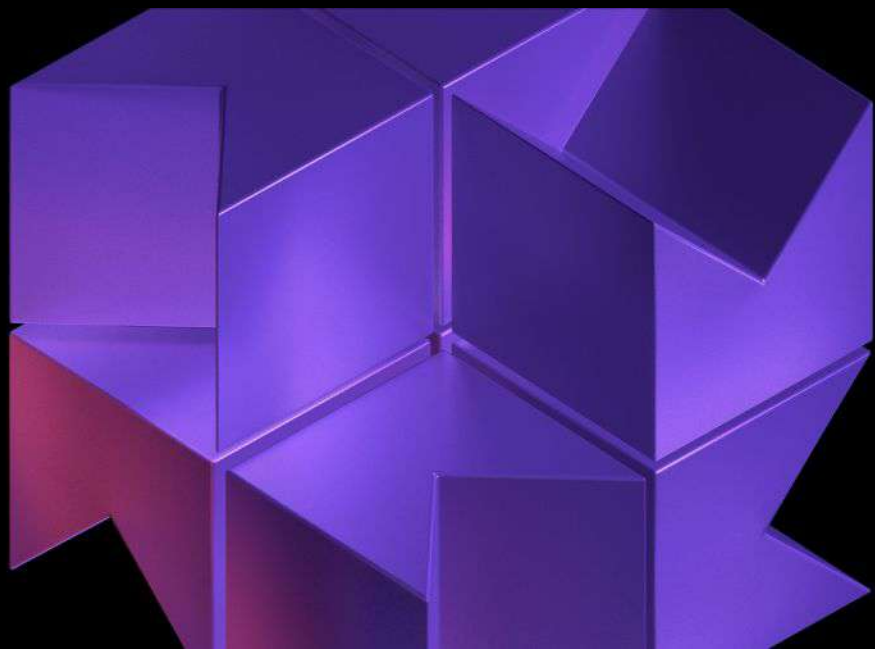
技能： Kotlin基础、安卓基础

首次提交代码： 23年1月2日

提交时间： 23年1月13日 (Deadline)

结果通知时间： 23年1月下旬

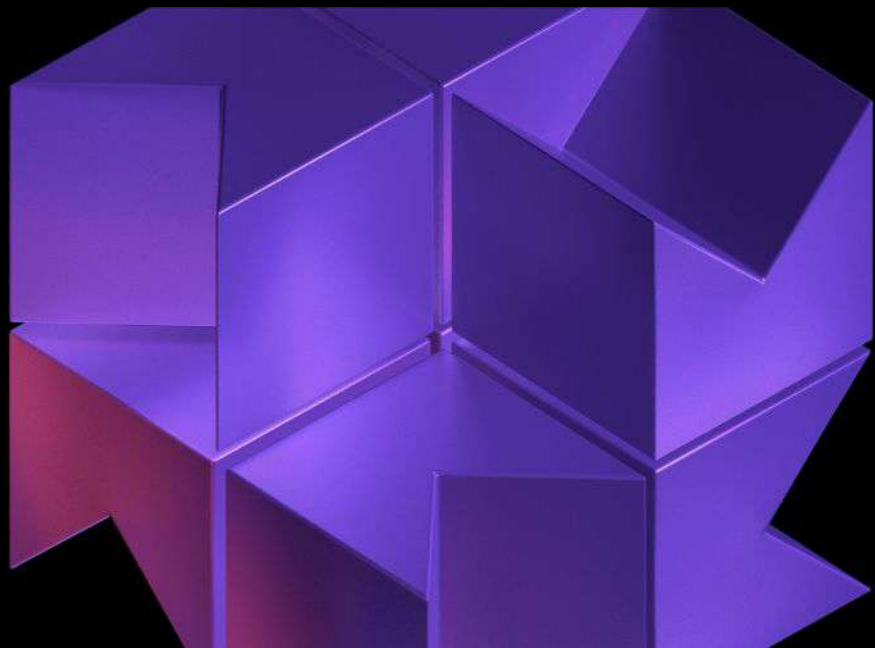
快递到达时间： 23年3月25日



我的参与历程

信息获取/疑难解答：

1. Github
2. kotlinlang@slack
3. Kotlin微信交流群
4. Stack Overflow
5. ChatGPT



SharedNotes



开源

跨平台

Android、Windows、MacOS、Linux

Materia Design 3

<https://github.com/Yorick-Ryu/SharedNotes>

PC

概览

SHARED NOTES

Search Notes

Shared Notes

Rick
10 mins ago
Other

Compose布局详解

Sweet
13 mins ago
Android

Kotlin集合与数组

Rui
20 mins ago
Kotlin

Java集合

John

Shared Notes

A note-taking application that supports real-time sharing, Markdown syntax, and supports Android platform and Desktop platform (Windows, MacOS, Linux).

- Support Android and Desktop Platform
- Responsive layouts
- Support Markdown syntax
- Material Design 3
- Dynamic color

Essay

Hi guys! I am very happy to participate in the Kotlin Multiplatform contest. My English is not very good, there can be grammatical errors or fuzzy phrases in this essay, pardon me.

My Background



Search Notes



Shared Notes



Shared Notes



Rick

10 mins ago



Other



Compose布局详解



Sweet

13 mins ago



Android

Kotlin集合与数组



Rui

20 mins ago



Kotlin

Java集合



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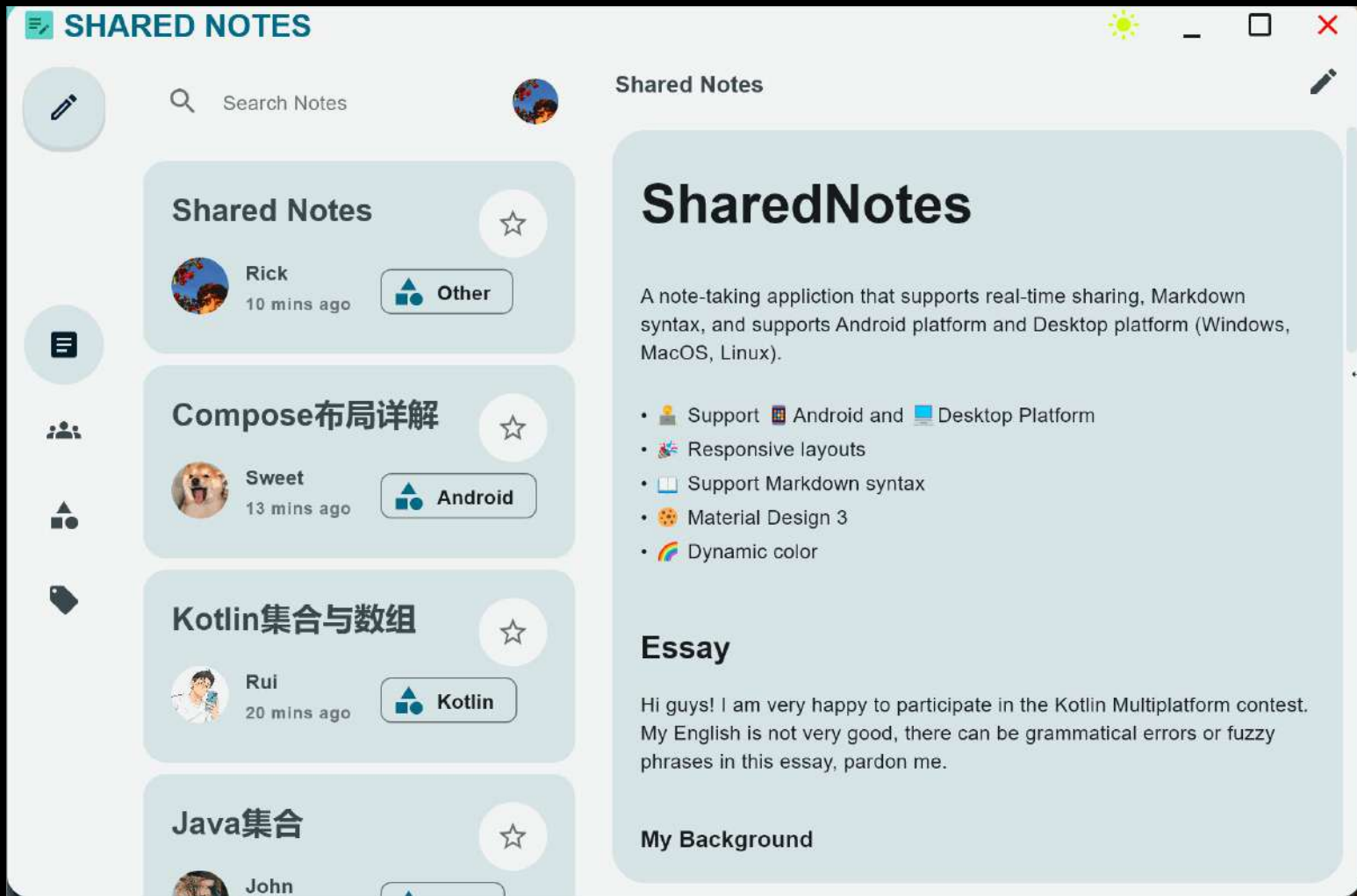
Essay

Hi guys! I am very happy to participate in the Kotlin Multiplatform contest. My English is not very good, there can be grammatical errors or fuzzy phrases in this essay, pardon me.

My Background

主题 切换

动态 布局





SharedNotes

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Essay

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+ - * / <> 🔗

SharedNotes

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Essay

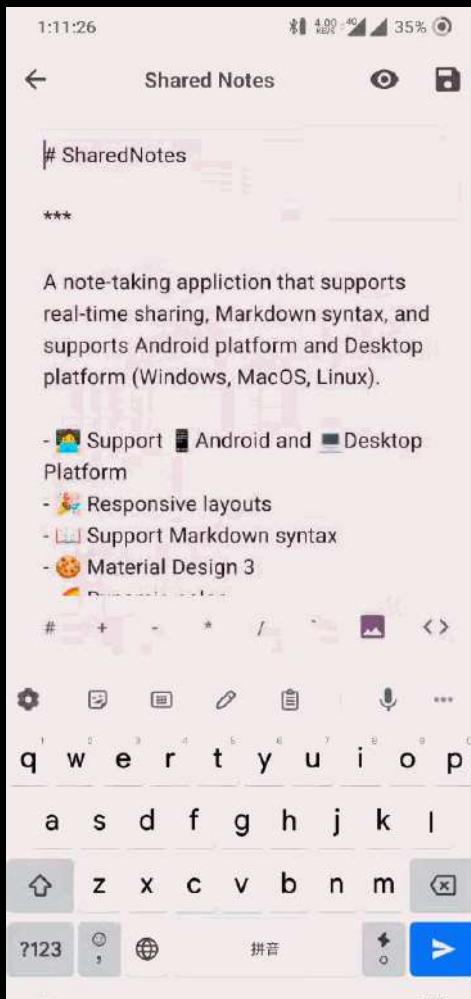
Hi guys! I am very happy to participate in the Kotlin Multiplatform contest. My English is not very good, there can be grammatical errors or fuzzy phrases in this essay, pardon me.

My Background

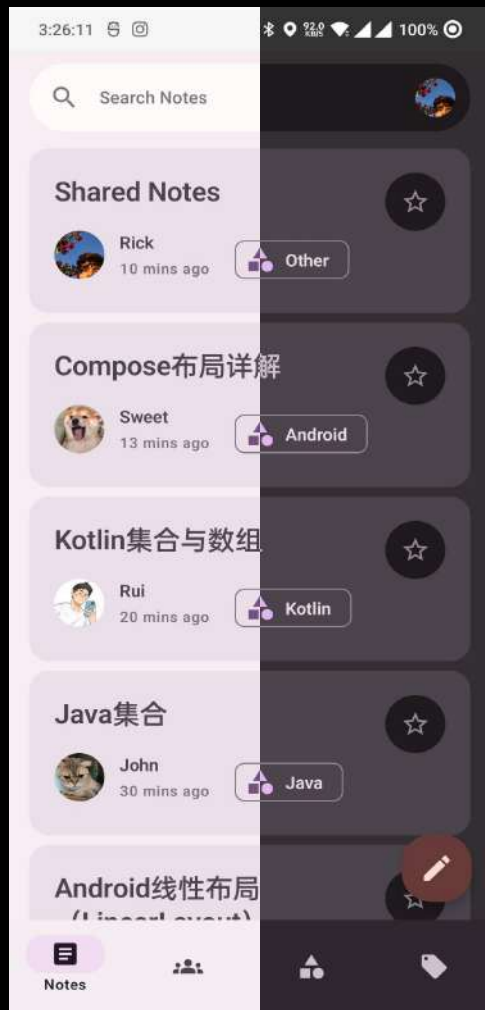
双屏
编辑

Andorid

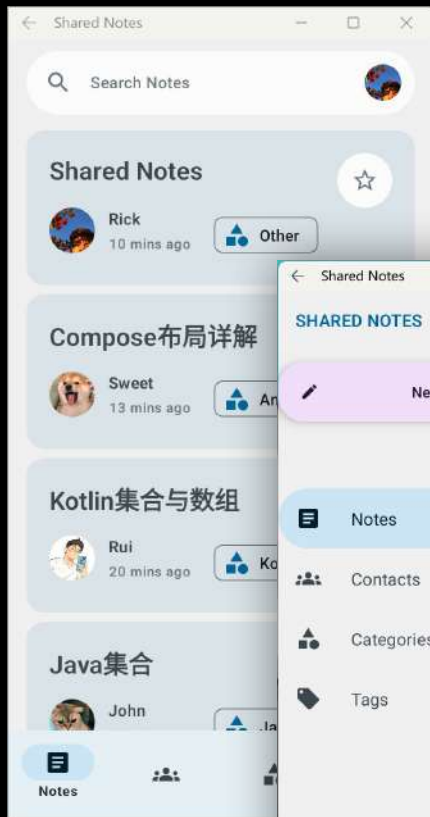
概览



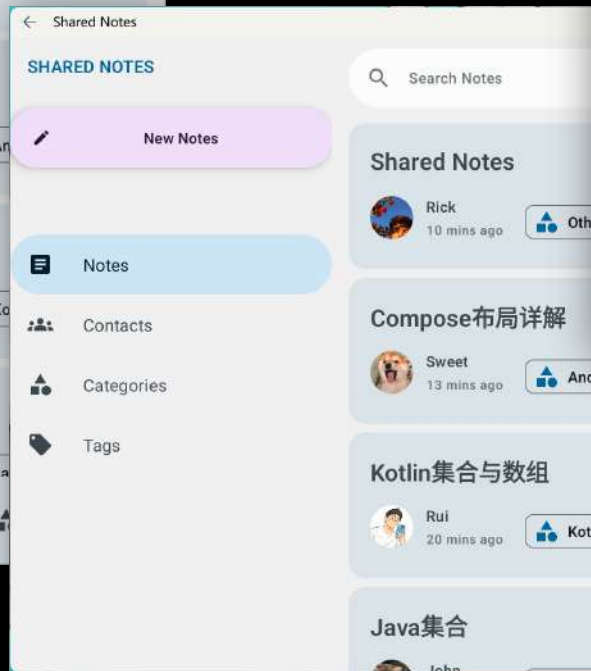
亮暗主题



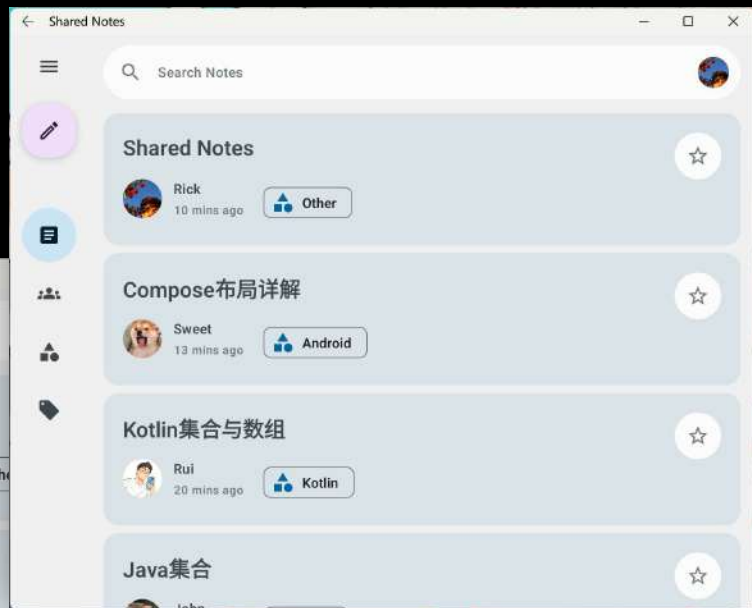
布局
适配



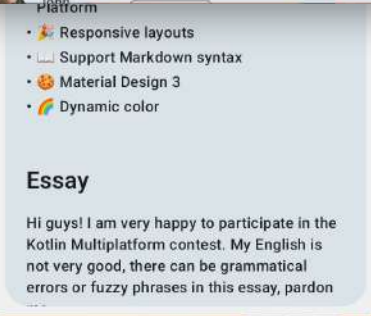
compact



expand

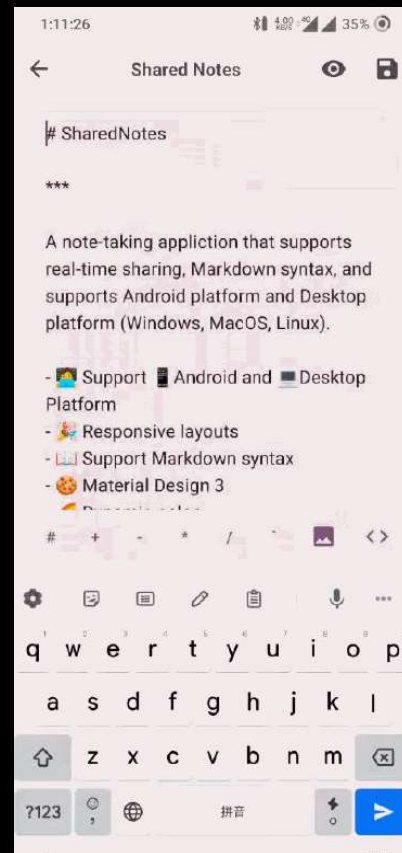
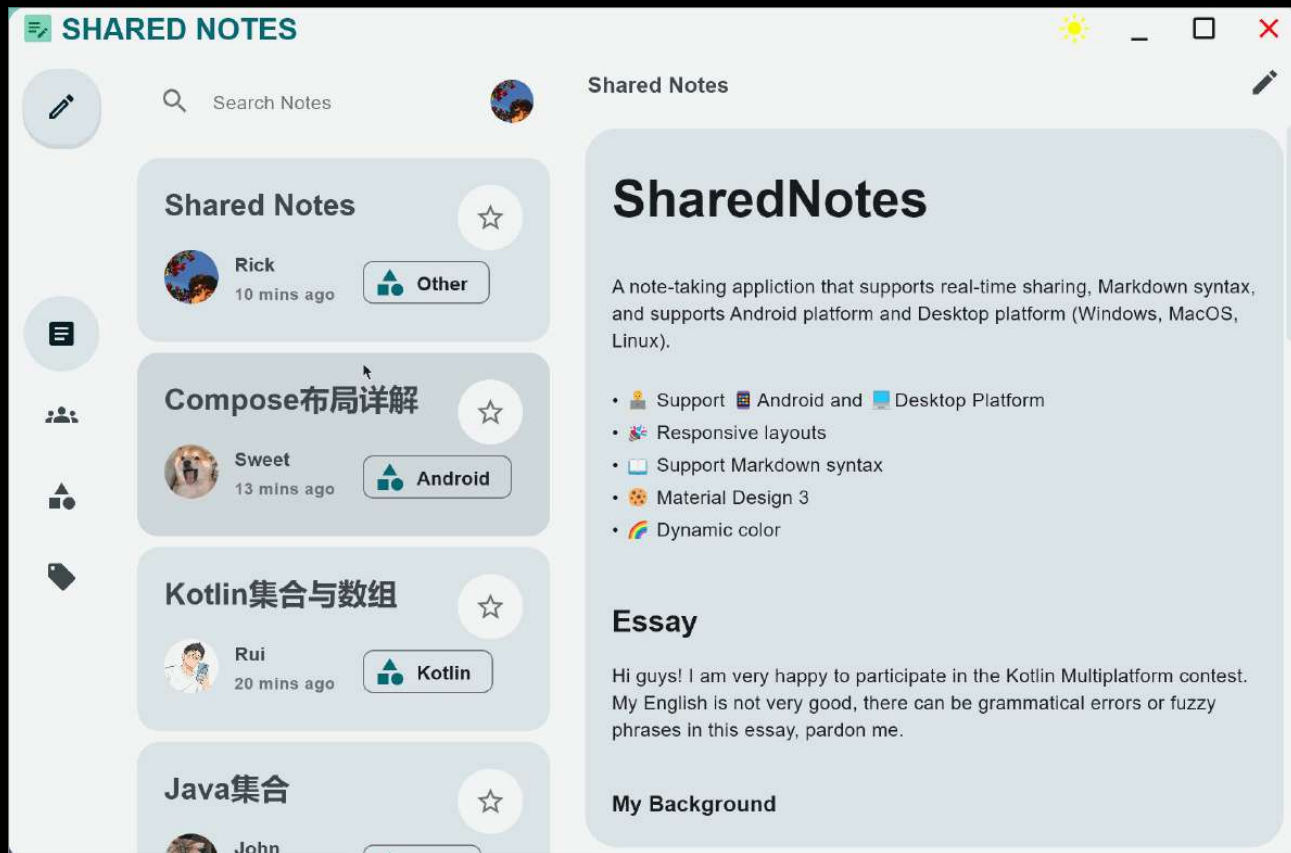


medium

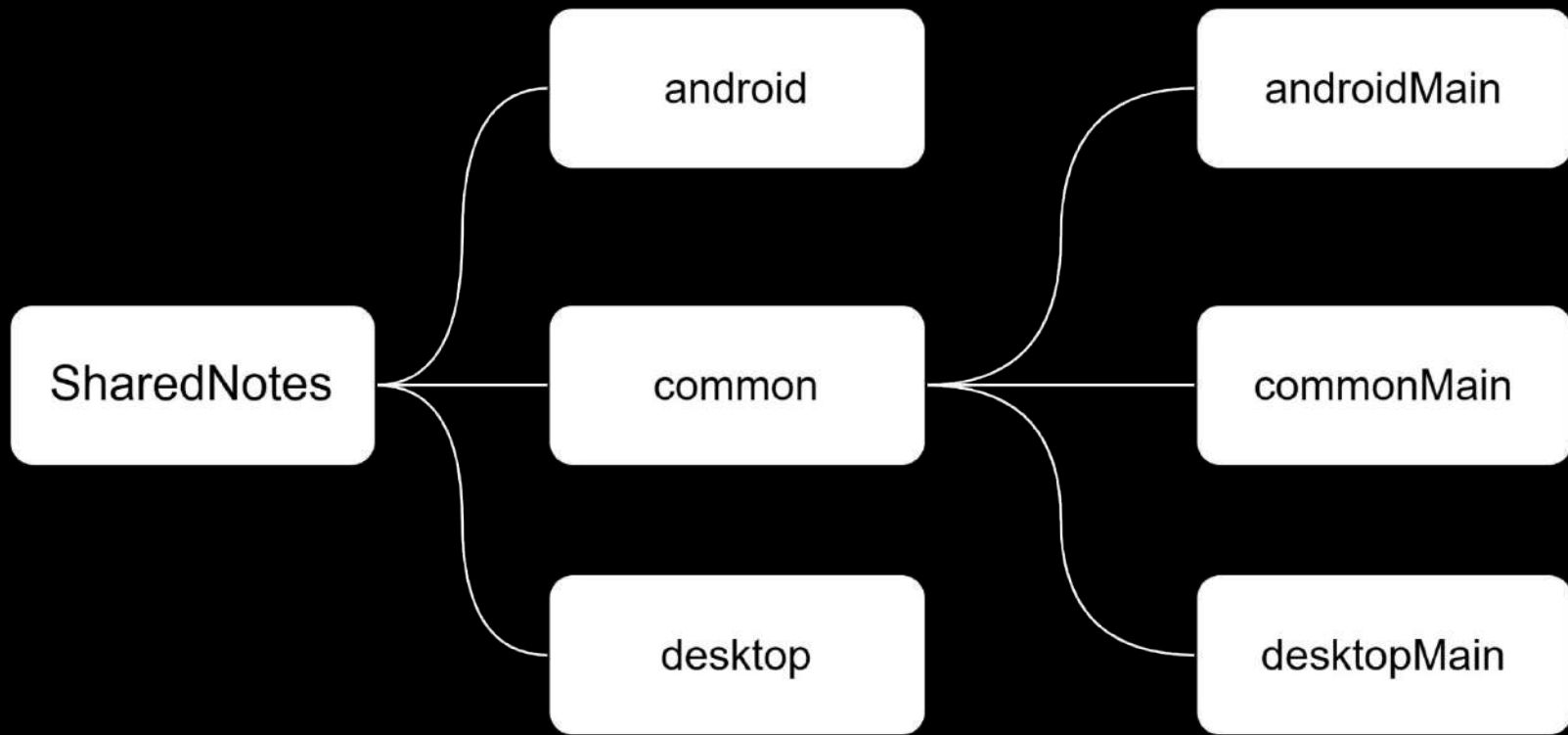


SharedNotes

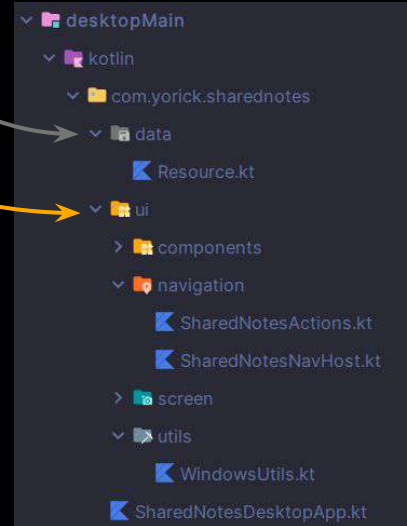
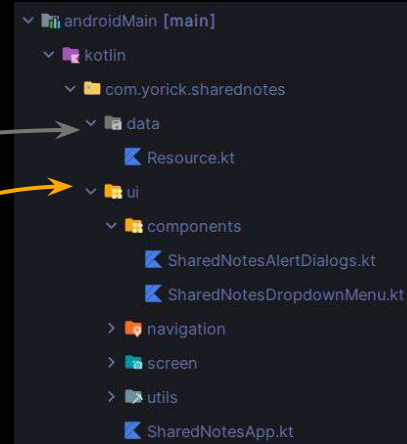
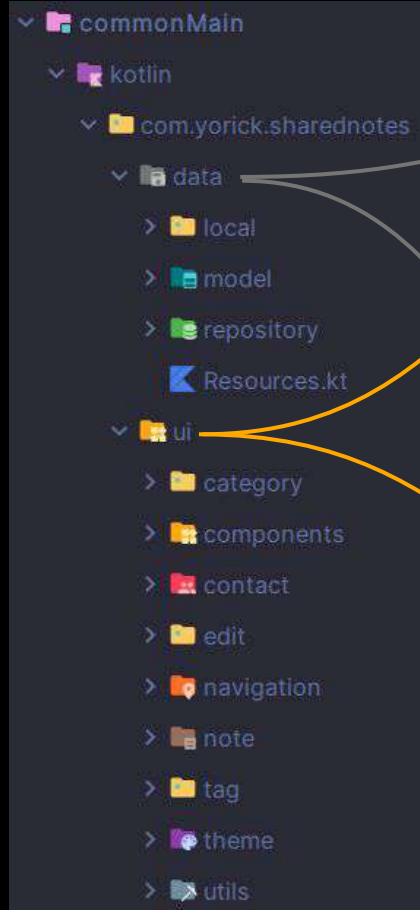
<https://github.com/Yorick-Ryu/SharedNotes>



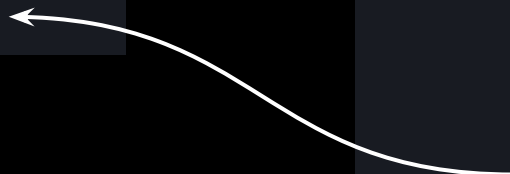
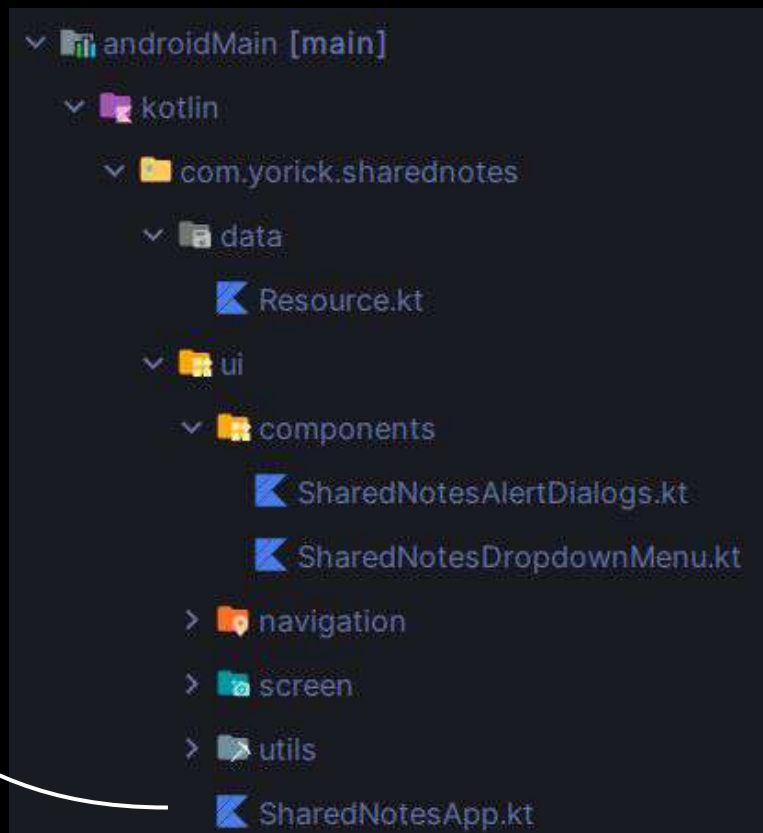
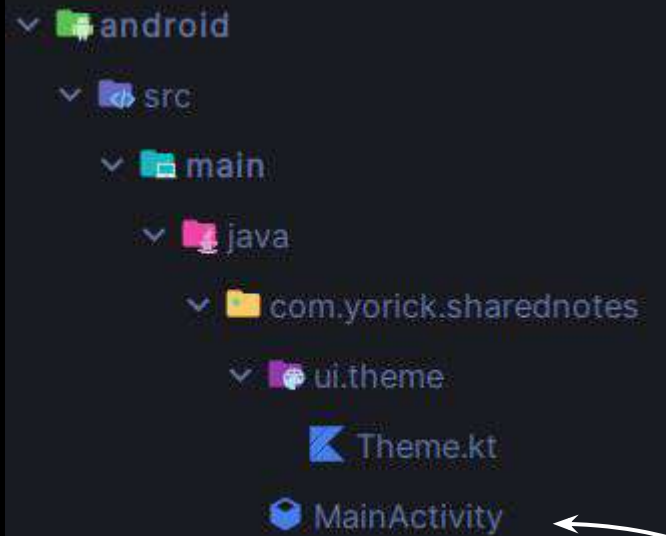
Project Structure



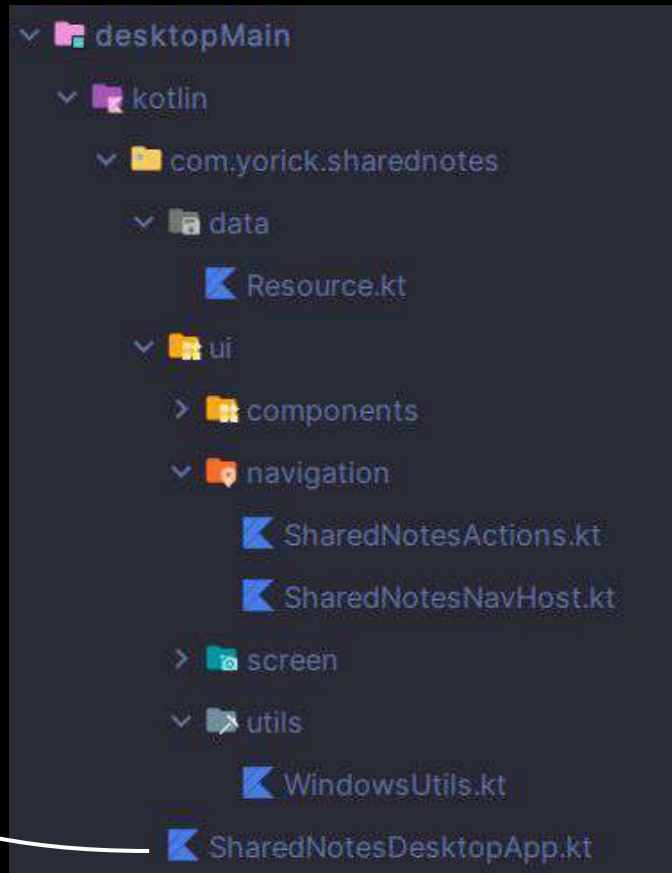
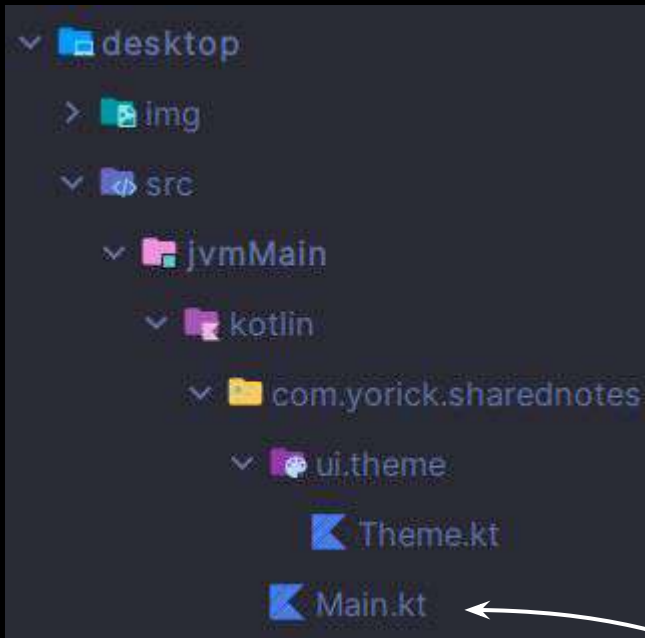
Common



Android




Desktop



Common

```
@Composable
expect fun SaveNoteAlertDialog(
    modifier: Modifier = Modifier,
    onDismissRequest: () -> Unit = {},
    onConfirm: () -> Unit = {},
)
```



Not saved

Do you really want to exit the Editor?

Cancel

Confirm

Android

```
@Composable
actual fun SaveNoteAlertDialog(
    modifier: Modifier,
    onDismissRequest: () -> Unit,
    onConfirm: () -> Unit,
) {
    AlertDialog(
        onDismissRequest = onDismissRequest,
        modifier = modifier,
        ...
        dismissButton = {
            TextButton(onClick = onDismissRequest) {
                Text(text = "Cancel")
            }
        },
        confirmButton = {
            TextButton(onClick = onConfirm) {
                Text(text = "Confirm")
            }
        },
        ...
    )
}
```



Not saved

Do you really want to exit the Editor?

Cancel

Confirm

Desktop

```
@Composable
actual fun SaveNoteAlertDialog(
    modifier: Modifier,
    onDismissRequest: () -> Unit,
    onConfirm: () -> Unit,
) {
    ...
    Dialog(
        ...
        onCloseRequest = onDismissRequest,
        ...
    ) {
        Card(
            modifier = modifier
        ) {
            TextButton(onClick = onConfirm) {
                Text(text = "Confirm")
            }
        }
        ...
    }
}
```



Not saved

Do you really want to exit the Editor?

Cancel

Confirm

Thanks! Have a nice Kotlin



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wechat: yorick_cn

[南京 KUG \(nanjing-kug.github.io\)](https://nanjing-kug.github.io)