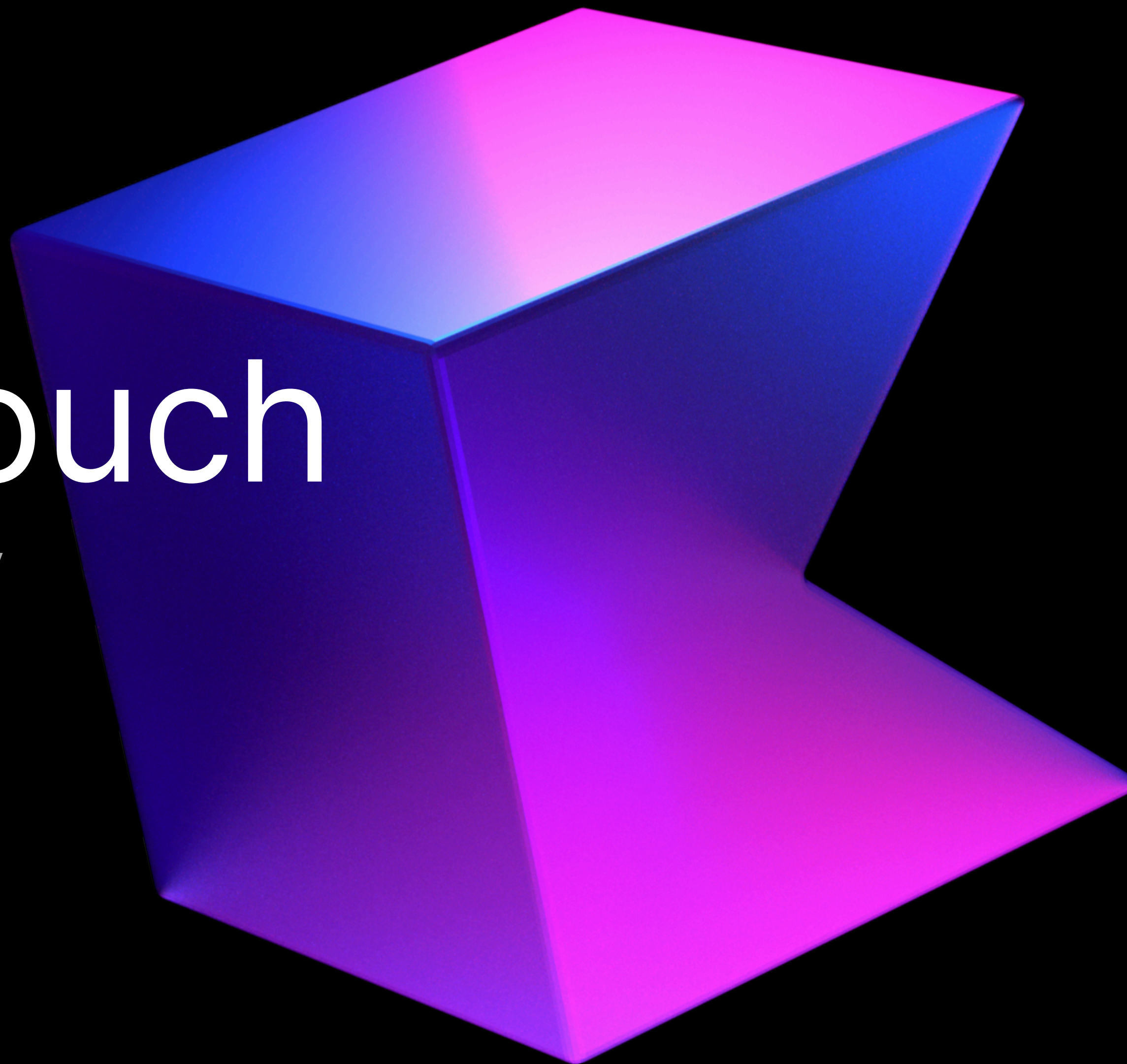


Staying in Touch

Egor Tolstoy



31k members in  community

44k questions on 

51k Kotlin projects on 

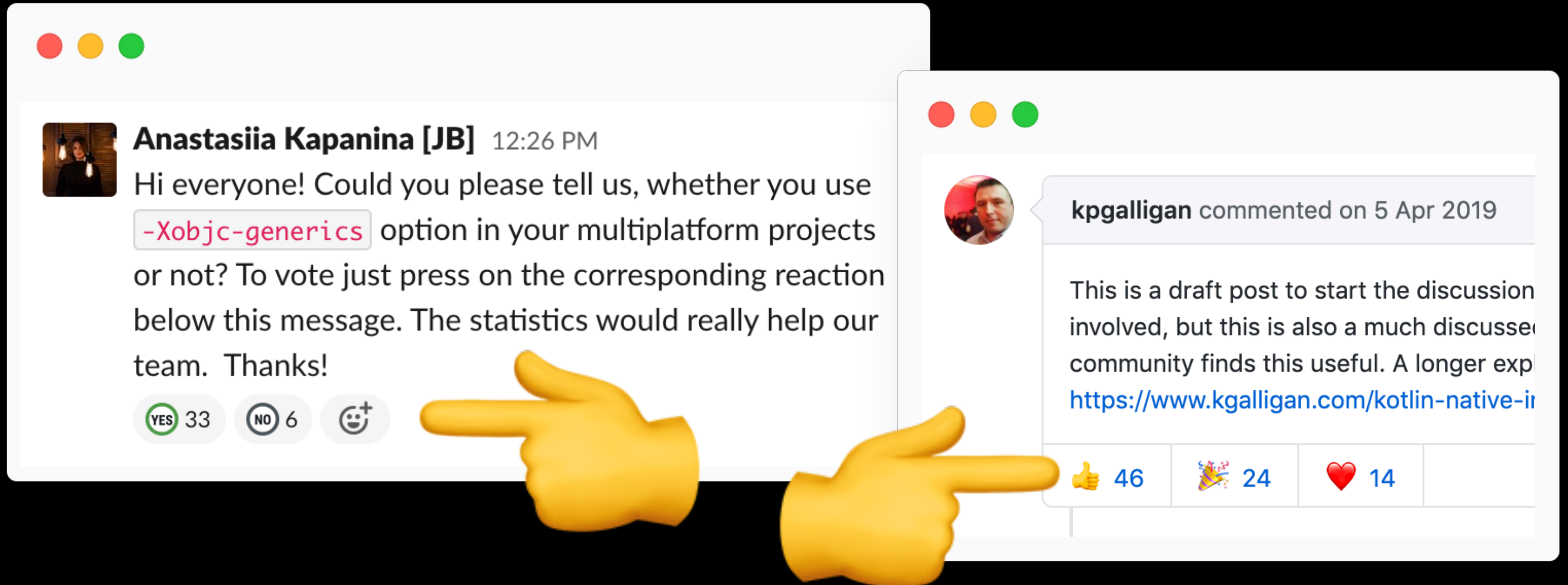
3k pull requests in 

Generics in Kotlin/Native



```
binaries.framework {  
    freeCompilerArgs += "-Xobjc-generics"  
}
```


Generics in Kotlin/Native



The image shows a screenshot of a GitHub discussion thread. The main post is by Anastasiia Kapanina [JB] at 12:26 PM, asking if users use the `-Xobjc-generics` option in multiplatform projects. Below the post are reaction buttons for 'YES' (33), 'NO' (6), and a smiley face with a plus sign. A yellow hand emoji points to the 'YES' button. To the right, a comment by kpgalligan from April 5, 2019, is shown. The comment states it's a draft post to start a discussion and includes a link to a longer explanation. Below the comment are reaction buttons for thumbs up (46), party popper (24), and heart (14). A second yellow hand emoji points to the thumbs up button.

Anastasiia Kapanina [JB] 12:26 PM

Hi everyone! Could you please tell us, whether you use `-Xobjc-generics` option in your multiplatform projects or not? To vote just press on the corresponding reaction below this message. The statistics would really help our team. Thanks!

YES 33 **NO** 6 😊+

kpgalligan commented on 5 Apr 2019

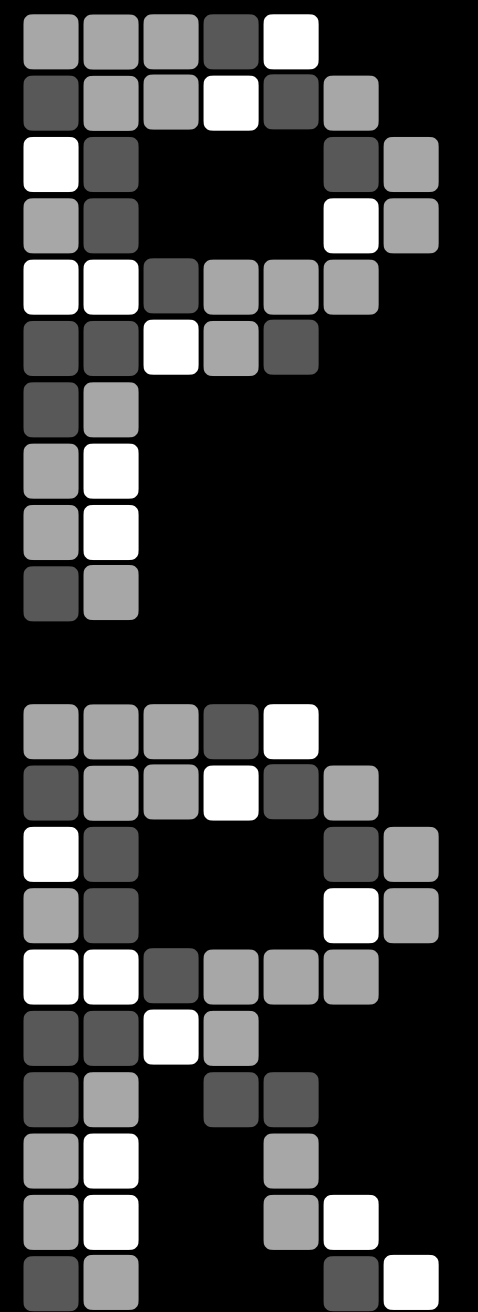
This is a draft post to start the discussion involved, but this is also a much discussed community finds this useful. A longer explanation is available at <https://www.kgalligan.com/kotlin-native-in>

👍 46 🎉 24 ❤️ 14



800

800



by Toshiaki Kameyama

Top YouTrack contributors by issues created

#1 Igor Wojda (145)

#2 Louis CAD (87)

#3 Marc Knaup (86)

#4 AndroidDeveloperLB (83)

#5 Robert Stoll (68)





Let's explore
the challenges and how
you can solve them



Case #1

Share EAP feedback

your code after upgrade

✓ not your code after upgrade

✓ not your code after upgrade

✓ not your code after upgrade

✗ your code after upgrade

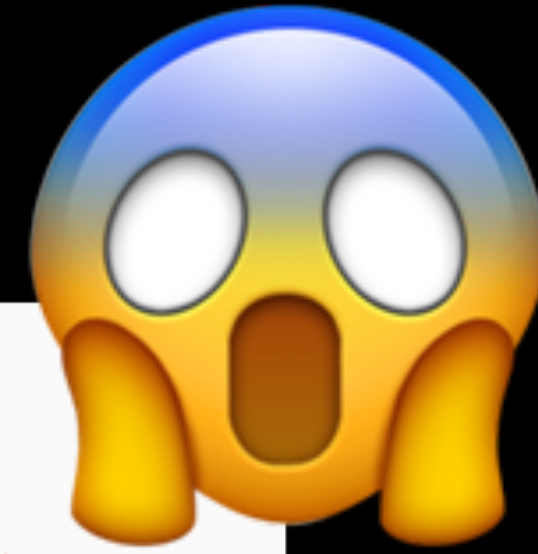
✓ not your code after upgrade

✓ not your code after upgrade

✓ not your code after upgrade

- ✓ not your code after upgrade
- ✓ not your code after upgrade
- ✓ not your code after upgrade
- ✓ your code after upgrade to EAP
- ✓ not your code after upgrade
- ✓ not your code after upgrade
- ✓ not your code after upgrade

EAP feedback story



~~KT-34063~~ Created by [Jake Wharton](#) 11 months ago
Updated by [Alexey Belkov](#) 9 months ago

Visible to [All Users](#) ▾

NI: 1.3.60 performance regression with Map entries

1

I'm trying to test dev builds of 1.3.60 since it contains a multitude of kapt-related fixes prior to the first EAP to ensure that they work. When I point my project at any 1.3.60 dev build, Gradle starts a Kotlin daemon, appears to connect, and then hangs indefinitely.

EAP feedback story



~~KT-34063~~ Created
Updated by Alexey Belkov

NI: 1.3.60 performance
entries

I'm trying to test dev builds of 1.3.60 since it contains a multitude of fixes prior to the first EAP to ensure that they work. When I point my IDE at any 1.3.60 dev build, Gradle starts a Kotlin daemon, appears to connect, then hangs indefinitely.



Alexey Belkov commented 27 Sep 2019 20:19

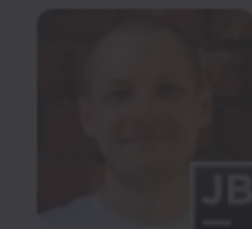
Thank you, reproduced. This is a regression for new inference. It was introduced between (1.3.60-dev-770, 1.3.60-dev-1120].

Reproduces on the following simple code. Increase the number of map entries to dramatically slow down the



```
val prop: Map<String, String> = mapOf(
    "" to "",
    "" to "",
    // many similar entries
    "" to "",
    "" to ""
)
```

EAP feedback story



Alexey Belkov commented 27 Sep 2019 20:19

Thank you, reproduced. This is a regression for new inference. It was introduced between (1.3.60-dev-770, 1.3.60-dev-1120].

Three days from report to fix in the new EAP

KT-34063 Created by
Updated by Alexey Belkov

NI: 1.3.60 per
entries

I'm trying to test dev builds of 1.3.60 since it contains a multitude of known fixes prior to the first EAP to ensure that they work. When I point my IDE to any 1.3.60 dev build, Gradle starts a Kotlin daemon, appears to connect, then hangs indefinitely.

```
val prop: Map<String, String> = mapOf(
    "" to "",
    "" to "",
    // many similar entries
    "" to "",
    "" to ""
)
```

How to install an EAP

1. Go to Tools → Kotlin → Configure Updates
2. Change your “Update channel” to EAP
3. ❤️

kotl.in/eap

Watch out for our Tech Support team in YouTrack





Case #2

Participate in user interviews

You

work
experience

domain
knowledge

pains and
beliefs

You

Roadmap

work
experience

domain
knowledge

pains and
beliefs



product
manager



features

bug fixes

docs

Roadmap

IDE
performance

cross-
language
refactorings

Gradle
build time

Large
server-side
projects



product
manager



Roadmap

IDE
performance

Large
server-side
projects



product
manager



cross-
language
refactorings

Gradle
build time

How to sign up for an interview

1. Visit our submission form
2. Tell us a bit about your experience
3. Leave your contacts
4. Be ready for an interview ❤️

kotl.in/interview



Case #3

Answer questions on Stack Overflow

How to implement concurrent many-to-many relationship in Hibernate

How to call an OAuth2 protected REST service

How to call suspend function from Android Service?



What DI framework to choose for Android app

What architecture to choose for KMM module?

How to change logging level at runtime in ktor app?

Kotlin built-in help



Documentation

Kotlin built-in help



Community

Documentation

Kotlin built-in help



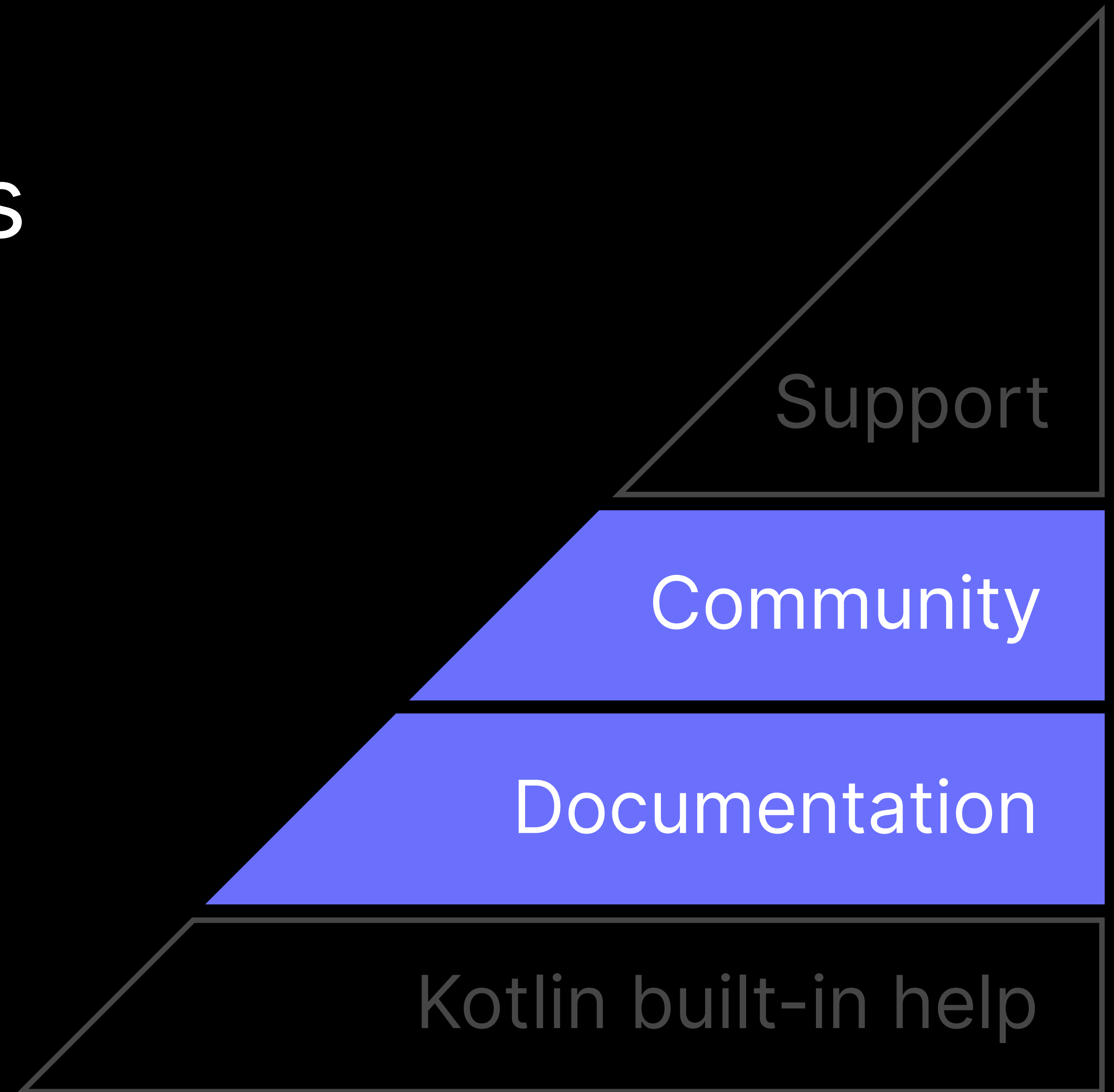
Support

Community

Documentation

Kotlin built-in help

Asking questions and finding answers on Stack Overflow



Top Stack Overflow contrubutors by answers

#1 zsemb13 (692)

#2 hotkey (660)

#3 Alexey Romanov (660)

#4 s1m0nw1 (597)

#5 Marko Tolopnik (335)



36%

aren't marked as solved

20%

have no answers at all

Visit stackoverflow.com

The screenshot displays the Stack Overflow homepage. At the top, there's a navigation bar with the Stack Overflow logo, a 'Products' link, a search bar, and user statistics (1,768 reputation, 19 badges, 31 questions). Below the navigation bar, the left sidebar contains links for 'Home', 'PUBLIC' (Stack Overflow, Tags, Users), 'FIND A JOB' (Jobs, Companies), and 'TEAMS' (What's this?, Free 30 Day Trial). The main content area is titled 'Top Questions' and features a list of questions with filters (Interesting, Bountied, Hot, Week, Month). The questions listed are: 'Foreach loop is showing error on adding members in group' (asked 38 secs ago by Bhawesh Bhakar), 'Typo3 8.7 set page type programmatically' (asked 58 secs ago by fefe), 'The getter 'value' was called on null from FutureBuilder<DataSnapshot>' (asked 1 min ago by m0f1us), 'Kotlin extension function and interface' (asked 1 min ago by Snehil), and 'Best Angular UI Component Libraries for Enterprise application'. The right sidebar contains 'The Overflow Blog' with articles about Motoko and a podcast, 'Featured on Meta' with a recap and congratulations, and 'Hot Meta Posts' with two questions. A 'Custom Filters' section is at the bottom right.

stackoverflow Products Search...

Home

PUBLIC

Stack Overflow

Tags

Users

FIND A JOB

Jobs

Companies

TEAMS

What's this?

Free 30 Day Trial

Top Questions

Ask Question

Interesting 447 Bountied Hot Week Month

0 votes	0 answers	2 views	Foreach loop is showing error on adding members in group	asked 38 secs ago Bhawesh Bhakar 11
0 votes	0 answers	2 views	Typo3 8.7 set page type programmatically	asked 58 secs ago fefe 6,989
0 votes	0 answers	3 views	The getter 'value' was called on null from FutureBuilder<DataSnapshot>	asked 1 min ago m0f1us 142
0 votes	0 answers	5 views	Kotlin extension function and interface	asked 1 min ago Snehil 1
0 votes	0 answers	3 views	Best Angular UI Component Libraries for Enterprise application	

The Overflow Blog

- Motoko, a programming language for building directly on the internet
- Podcast 263: turning our employees into Stack users

Featured on Meta

- Feedback for The Loop, August 2020: Community-a-thon recap
- Congratulations for reaching a million, Gordon Linoff!

Hot Meta Posts

- 42 Is this a bad [code-design]?
- 50 Is adding a link to a search term at the end of posts okay?

Custom Filters

Case #4

Contribute to Kotlin

leave the code better
than how you found it 🏕️

leave the tooling better
than how you found it 🏕️

How to contribute to Kotlin

- ☐ Share your usage statistics
- ☐ Use EAP versions
- ☐ Participate in interviews
- ☐ Discuss new features and give feedback
- ☐ Report issues in YouTrack
- ☐ Answer questions on Stack Overflow
- ☐ Create tutorials and videos
- ☐ Hold events and presentations
- ☐ Create your libraries
- ☐ Send pull requests to Kotlin toolchain

kotlin.in/contribute

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kotlin.in/contribute

8%

only 8% of Kotlin developers share
anonymous usage statistics with us

Refactorings analytics

Rename

Introduce Variable

Safe Delete

Extract Method

Change Signature

Move

Inline

+8 more

Refactorings analytics

	frequency
Rename	94%
Introduce Variable	85%
Safe Delete	82%
Extract Method	79%
Change Signature	74%
Move	74%
Inline	72%
+8 more	

Refactorings analytics

	frequency	quality index
Rename	94%	8
Introduce Variable	85%	10
Safe Delete	82%	7
Extract Method	79%	8
Change Signature	74%	3
Move	74%	7
Inline	72%	3
+8 more		

Refactorings analytics

	frequency	quality index
Rename	94%	8
Introduce Variable	85%	10
Safe Delete	82%	7
Extract Method	79%	8
Change Signature	74%	3
Move	74%	7
Inline	72%	3
+8 more		

Step 1

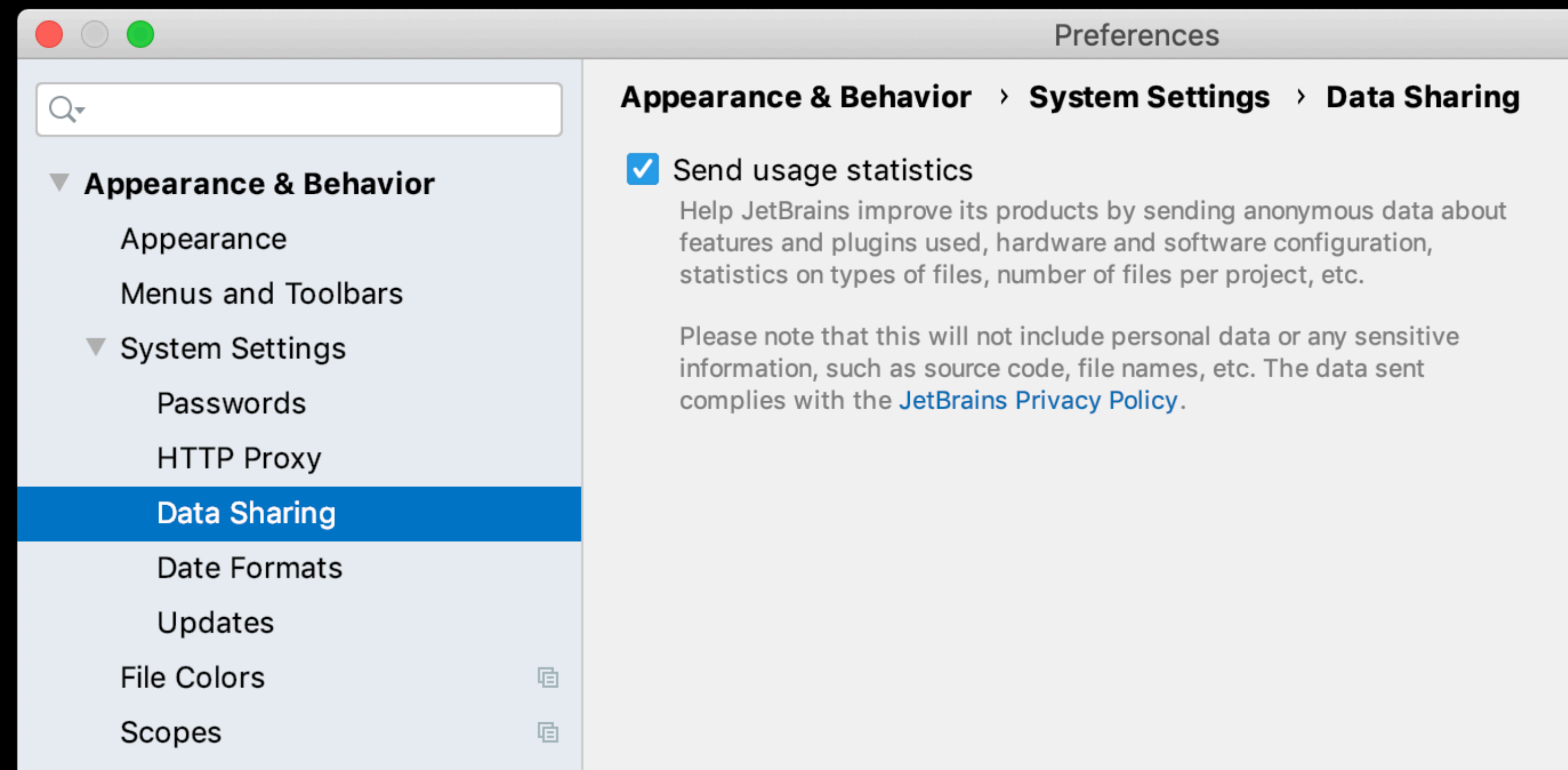
Settings →
Appearance →
System Settings →
Data Sharing

Step 2

Select the
checkbox
and “OK”

Step 3

Feel our ❤️



How to contribute to Kotlin

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kotl.in/contribute

Kotlin for Android story

The background features a series of overlapping, semi-transparent geometric planes in shades of blue and purple, creating a 3D effect. A large, solid grey triangular area is positioned on the right side of the image, partially overlapping the colored planes.

How the community helped Kotlin for Android

- tried Kotlin for Android and reported issues

How the community helped Kotlin for Android

- tried Kotlin for Android and reported issues
- migrated apps from Java to Kotlin

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- celebrated official support in Android 🎉

How the community helped Kotlin for Android

- tried Kotlin for Android and reported issues
- migrated apps from Java to Kotlin
- created lots of Kotlin content
- started to give feedback to Google
- celebrated official support in Android 🎉
- celebrated Kotlin-first approach in Android 🎉 🎉

Thank You

feedback@kotlinlang.org

How to contribute to Kotlin

- ☐ Share your usage statistics
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- ☐ Participate in interviews
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- ☐ Report issues in YouTrack
- ☐ Answer questions on Stack Overflow
- ☐ Create tutorials and videos
- ☐ Hold events and presentations
- ☐ Create your libraries
- ☐ Send pull requests to Kotlin toolchain

kotlin.in/contribute

Thanks!
Have a nice Kotlin



@igrekde