



Play SDK Partnerships



Our mission is building a trusted, reliable SDK ecosystem by reducing developers friction and deliver a safer and reliable app experience for Play users.



SDK partnerships support plan for SDK developers

SDK Product Portfolio

Enable access to play tools for SDK developers including

- SDK Console
- Inline install API for SDKs
- App Integrity API for SDKs
- Family Ads program
- Play Billing API

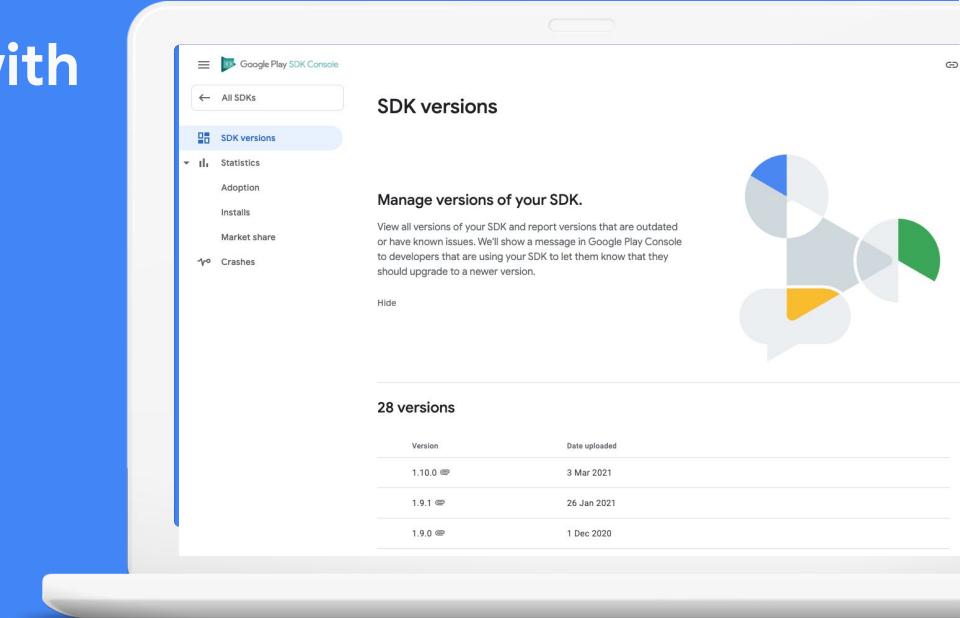
SDK Policy Mitigation

Proactive policy support with aim to improve developer experience.

- Proactive policy violation support
- 1:1 policy consultation

Build Better and Safer SDKs with Google Play SDK Console

Use Cases & Best Practices



The screenshot shows the Google Play SDK Console interface. On the left, a sidebar menu includes 'All SDKs' (selected), 'SDK versions' (selected), 'Statistics' (expanded), 'Adoption', 'Installs', 'Market share', and 'Crashes'. The main content area is titled 'SDK versions' and contains a message: 'Manage versions of your SDK. View all versions of your SDK and report versions that are outdated or have known issues. We'll show a message in Google Play Console to developers that are using your SDK to let them know that they should upgrade to a newer version.' Below this is a section titled '28 versions' with a table:

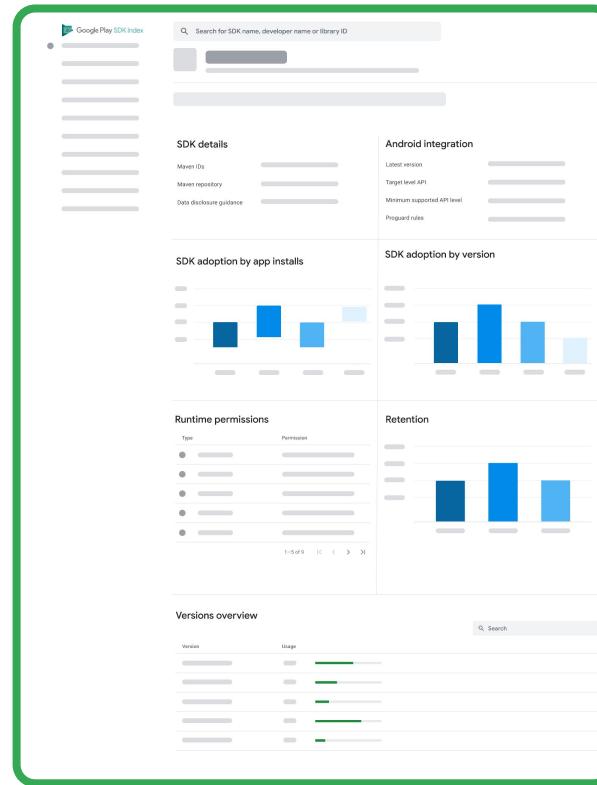
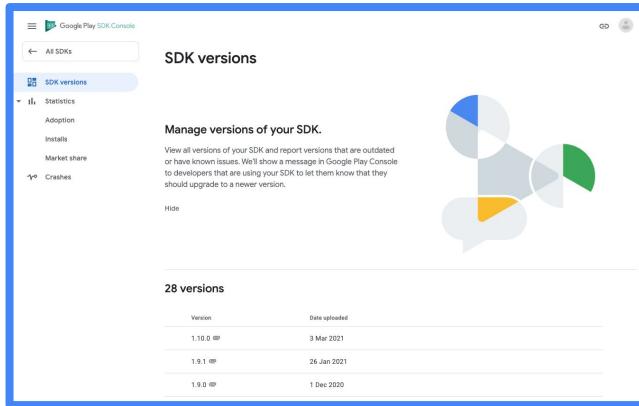
Version	Date uploaded
1.10.0	3 Mar 2021
1.9.1	26 Jan 2021
1.9.0	1 Dec 2020

On the right side of the interface, there is a decorative graphic consisting of overlapping colored circles (blue, grey, green, yellow) of varying sizes.

Our Vision: Make SDKs Better and Safer for Apps and Users on Google Play

SDK Console

Helping SDK providers build better and safer SDKs with troubleshooting tools and insights



SDK Index

Enabling app developers make informed decisions while selecting SDK providers

Create Console account and Claim your SDKs

[Claim your SDKs](#)

Sign in claim all SDKs related to you Organization

- Use an existing Google account or create a new Google account to sign in to SDK Console.
- Once you sign in, you can invite other users via their Google accounts and manage individual user permissions.

1. **Step 1:** Once you login to your Google play's SDK console select SDK on the left hand side, then select Add SDK button in blue.
2. **Step 2:** pop window will open in your screen where you can input your maven_Id ex. com.google.example

Step 1

Step 2

Google Play SDK Console

SDKs

Managed externally

Managed externally Add SDK

SDKs you've verified that you own from other repositories. These SDKs are not hosted or distributed by Google Play, and won't run in the Privacy Sandbox. [Learn more](#)

Add SDK

Enter the Maven ID of the SDK you own and want to claim in SDK Console. To claim, you'll need to verify ownership and add details.

For example com.google.guava:guava

Check eligibility

Cancel Add

[Claim your SDKs](#)

Verify ownership of your SDK

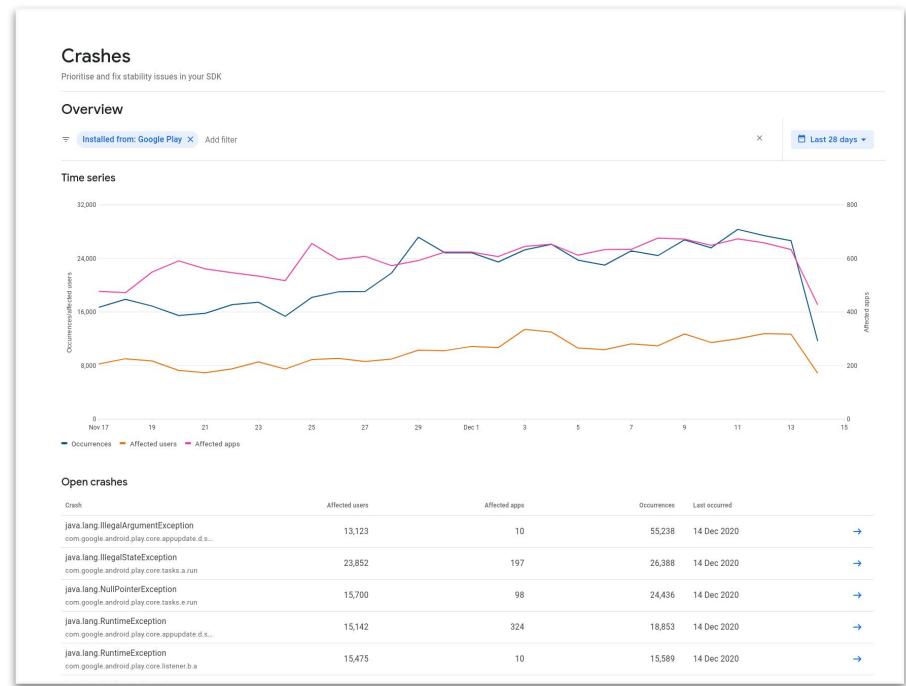
- Download the unique verification file for your SDK Console account.
- Unzip the file into your Android SDK's main folder, which extracts "verification.properties" to src/main/resources/META-INF/[Your_SDK_NAME].
- Build your SDK, including the verification file in the binary.
- Publish this new SDK version to your repository; the file doesn't need to be in future releases.
- This step can be completed later. We will email you upon successful ownership verification, which may take up to 14 days.

Use Cases & Best Practices

Crashes & ANRs

Detect issues before they escalate into clients complaints

- SDK-identified crashes:** The system automatically attribute crashes to your SDK and present the data after aggregating and anonymizing sensitive information.
- App developer-shared crashes:** An app developer manually share a report with a full stack trace, including other SDKs that may have been involved.

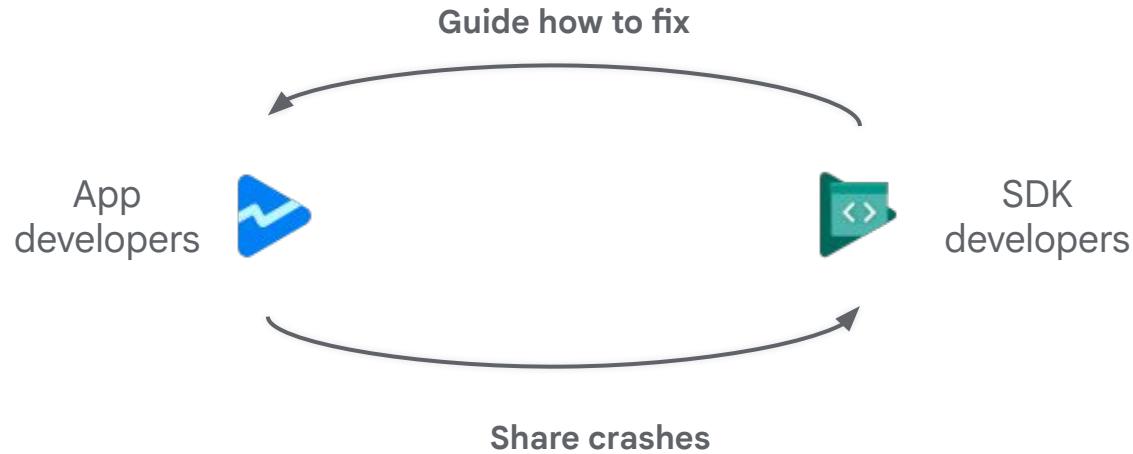


Crashes Status & Notes

Manage your pipeline by filtering and marking as “Fixed” or “Won’t fix”



We have built a communication loop between SDK providers and App developers to make resolving crashes faster and easier



Crash and ANR sharing in Play Console

Possibly SDK related

Provided by: Android vitals

Problem: This ANR was caused by an SDK.

Recommendation: To help resolve this ANR, share it with MyAdsSDK (com.example.ads:sdk). This will mean sharing your app name, full stack trace and additional ANR info.

Share this ANR

Is this helpful?

Share this ANR with the SDK provider

This ANR may be related to MyAdsSDK (com.example.ads:sdk).

To help resolve this ANR, share it with **MyAdsSDK** (com.example.ads:sdk). This will mean sharing your:

- app name and developer name
- SDK version and current relative distribution of Android versions and devices where this ANR error is occurring (not be shared)
- full stack trace:

Type: java.lang.RuntimeException:

```
1 at android.graphics.HardwareRenderer.notifyFramePending (HardwareRenderer.java:557)
2 at android.view.ViewRootImpl.notifyRendererOfFramePending (ViewRootImpl.java:2556)
3 at android.view.ViewRootImpl.scheduleTraversals (ViewRootImpl.java:2588)
4 at android.view.ViewRootImpl.performTraversals (ViewRootImpl.java:3875)
5 at android.view.ViewRootImpl.doTraversal (ViewRootImpl.java:2618)
6 at android.view.ViewRootImpl$TraversalRunnable.run (ViewRootImpl.java:9971)
7 at android.view.Choreographer$CallbackRecord.run (Choreographer.java:1010)
8 at android.view.Choreographer.doCallbacks (Choreographer.java:809)
9 at android.view.Choreographer.doFrame (Choreographer.java:744)
10 at android.view.Choreographer$FrameDisplayEventReceiver.run (Choreographer.java:995)
```

Crashes Status & Notes

Help app developers solve crash issues

The screenshot displays two side-by-side interfaces for managing app crashes.

Left Interface (Google Play SDK Console):

- Crash status:**
 - Fixed in newer version: A fix for this crash is included in a newer version of your SDK.
 - Caused by wrong integration: Caused by the incorrect use of an API, method, or parameter.
 - Known issue (won't fix): For example, a crash that is happening on an unsupported device.
 - Not caused by SDK: You believe your SDK code is not responsible for this crash.
 - Other: Caused by any other crash not listed here.
- Note:** This section is currently empty.

Right Interface (Google Play Console):

- Crash details:**
 - Notes from SDK providers:** A note from ObjectBox stating there is a conflict between the data model defined in the code and the existing database file. It provides a link for resolution: <https://docs.objectbox.io/advanced/meta-model-ids-and-uids#resolving-meta-model-conflicts>.
 - Stack trace:** Type: java.lang.RuntimeException


```
Exception java.lang.RuntimeException:
  at android.app.ActivityThread.handleBindApplication (ActivityThread.java:6493)
  at android.app.ActivityThread.access$1400 (ActivityThread.java:226)
  at android.app.ActivityThread$H.handleMessage (ActivityThread.java:1884)
  at android.os.Handler.dispatchMessage (Handler.java:107)
  at android.os.Looper.loop (Looper.java:214)
  at android.app.ActivityThread.main (ActivityThread.java:7386)
  at java.lang.reflect.Method.invoke
  at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run (RuntimeInit.java:492)
  at com.android.internal.os.ZygoteInit.main (ZygoteInit.java:980)
Caused by io.objectbox.exception.DbSchemaException:
  at io.objectbox.BoxStore.nativeCreateWithLatOptions
  at io.objectbox.BoxStore.<init> (BoxStore.java:264)
```

Versions

View SDK versions with potential policy issues or vulnerabilities

▼ 3.0.2.0 - prevents app release ⚠ Policy issue ::

Version 3.0.2.0

⚠ Policy issue Prevents app release

Apps using this SDK version may violate the following Google Play policies. They will soon be required to update to the next SDK version. Any version may be affected by issues which have not been detected.

Policy	Details
Device and Network Abuse	This SDK version attempts to update or modify itself using executable code from the web or unknown sources outside of Google Play. Learn more
User Data	This SDK version collects or links persistent device identifiers to other personal and sensitive user data or resettable device identifiers. Learn more

You can't show a note to app developers on this version, or report it as outdated. This is because it has policy issues that prevent app releases.

Versions Tags & Notes

App developers will be instructed to find a compliant version before resubmitting their app

The screenshot shows the Google Play Console interface. At the top, there's a navigation bar with 'Console' (with a chart icon), a search bar, and various buttons like 'Shrine' and 'G'. Below the navigation is a sidebar with links: 'All applications' (selected), 'Dashboard', 'Statistics', 'Android vitals', and 'Development tools'. The main content area is titled 'Review summary' and shows a message: 'Errors found in your release'. It lists two steps: 'Prepare release' and 'Review and rollout'. A red exclamation mark icon highlights a message: 'A policy violation was found in version 1.2.44 of My SDK'. The message states: 'Your app currently uses the library . My SDK (com.mysdk) v1.2.44 which has been found to be in breach of the Play Policies. Please upgrade to v1.3.0 to be able to continue releasing your app.' There's a 'Learn more' link. At the bottom, there's a table with columns: 'Store presence', 'Type' (APK), 'Version code' (40053630), 'API levels' (23+), 'Target SDK' (23+), 'Screen layouts' (4), 'Native platforms' (1), 'Features' (2), and 'APK download size' (16.48 KB). There are also arrows for sorting.

Store presence	Type	Version code	API levels	Target SDK	Screen layouts	Native platforms	Features	APK download size
	APK	40053630	23+	23+	4	1	2	16.48 KB

Versions Tags & Notes

Get notified via inbox and submit a new version for review

Inbox

Messages about your SDKs in one place. [Show more](#)

[Manage email preferences](#)

[Messages](#)

[Archived messages](#)

[Add filter](#)

Important

! Address your SDK's Google Play policy issues

CrashyMcCrashF... Jun 25, 2024 18:17 ^

Version 1.0.0 of your SDK includes code that may cause apps using it to violate one or more Google Play policies.

We have identified the following issues:

- Collecting the Advertising ID w
must respect the user settings
Personalization'. These behavi
[isLimitAdTrackingEnabled](#) to c
advertising.
- Collecting personal or sensitiv
device identifiers include IMEI,
be linked to other personal ser
cause apps to violate Play's [Us
e](#)
- Containing code to download e
[getApkFromUrl](#)

Check that this SDK, and any others you publish for use with apps on Google Play, align with all [Developer Program Policies](#) and [SDK Requirements](#).

Address this behavior by releasing a new SDK version, and [report a fix](#) within **60 days**. After 60 days, apps using the SDK version mentioned above with policy issues may be subject to [enforcement](#) by Google Play. The form will ask you how to best identify the new version, and where it can be found, including links to the SDK's [documentation](#) and the [URL of the Maven repository](#) where you host it. It will also ask you for a unique identifier to help us track your response.

Your unique identifier is: 424242.

If you've reviewed the policy and have questions, please contact our [policy support team](#).

[Report a fix](#)

[Request help](#)

[Archive](#)

Versions Tags & Notes

Report versions as outdated or add a note for app developers if it has more issues

The screenshot illustrates the integration between the Google Play SDK Console and Android Studio. On the left, the Google Play SDK Console shows a note being added for app developers using version 1.1.0, stating "we identified a critical issue". On the right, the Android Studio dependencies screen shows a warning for the dependency `co.ogury:ogury-sdk:4.9.1`, which is marked as outdated by its author. A callout box highlights this warning.

Integration with Android Studio

Note for app developers using version 1.1.0:

we identified a critical issue

This message is shown to all app developers using this SDK version. It should not address an individual developer or include salutations. 30 / 500

Choose how this will affect app releases:

- Don't prevent app developers from releasing apps that use this version
App developers will still be able to release apps that use this version of your SDK. Your note will be shown to them in Google Play Console when releasing their app.
- Prevent app developers from releasing apps that use this version after 90 days
Your note will be shown to app developers in Google Play Console when releasing their app, asking them to upgrade to a newer version. 90 days after first seeing your note, developers won't be able to release versions of their app which use this version of your SDK.

Dependencies:

- <All Modules>
- app
- lib

Details:

Group ID: co.ogury
Artifact Name: ogury-sdk

Warning:

Dependencies: `co.ogury:ogury-sdk:4.9.1`:
`co.ogury:ogury-sdk` version 4.9.1 has been marked as outdated by its author [View details on Google Play SDK Index]