

Apps with crash bugs

(Notation Used - #Issue Number - [Android-specific crash bugs](#), [Java-related crash bugs](#))

1. <https://github.com/d4rken/reddit-android-appstore/issues>
[#42](#) - App crashes when server is unavailable. `ConnectException: Failed to connect to www.reddit.com/198.41.208.142:443`
Solution - if server returns nothing then return error message
2. <https://github.com/j4velin/SystemAppMover/issues>
Installs: 1,000,000 - 5,000,000 Updated: October 12, 2016
[#13](#) - `ActivityNotFoundException` when trying to send `android.intent.action.VIEW` (URI)
Solution - catch the exception and display a custom URL
3. <https://github.com/tuxmobil/CampFahrplan/issues>
Installs: 10,000 - 50,000 Updated: December 29, 2015
[#32](#) - Whenever an alarm is scheduled the app crashes with a `NumberFormatException`. Unable to start receiver `nerd.tuxmobil.fahrplan.congress.AlarmReceiver`.
Solution - Application crashed when alarm was due for a lecture. Bundle keys for add and delete alarm actions must be identical.
4. <https://github.com/k3b/APhotoManager/issues>
[#81](#) - GeoMap does not show photo locations anymore. Crash when clicking into the map
Solution - null check and bound check
[#73](#) - `java.lang.NumberFormatException: Invalid int: "2512345671234567"`
Solution - check null and add exception block
[#71](#) - `java.lang.NullPointerException: Attempt to invoke virtual method 'int java.util.HashMap.size()' on a null object reference`.
Solution - check null condition on `HashMap`
[#36](#) - Support for ".nomedia" folder. Avoid bloated mediadb and crash when adding to mediadb
Solution - change implementation
[#33](#) - crashes on media-scanner with a NPE: Attempt to get length of null array
Solution - Android-6 Media Scanner Fixes eliminate npe and duplicate db entries because auf dir-symlinks. Only non-smlink-images are stored in DB
5. <https://github.com/netmackan/ATimeTracker/issues>
Installs: 100 - 500 Updated: June 16, 2016
[#42](#) - crashes any time I try to stop a task. `java.util.ConcurrentModificationException` at `java.util.ArrayList$ArrayListIterator.next`
Solution: return a list of currently active and non-empty tasks
[#35](#) - trying to restore a backup, the app crashes
Solution - Check for existing backup file before attempting restoration and display error message in case of exception.
[#34](#) - update causes application to crash when editing an ongoing task. `NullPointerException`
Solution - Adding missing null check for the case when there is no end time
[#10](#) - Force Close if press Back in Preferences screen
Solution - Fixes NPE when pressing back in Settings Activity. Null check
6. <https://github.com/jroal/a2dpvolume/issues>
Installs: 100,000 - 500,000 Updated: May 10, 2017
[#232](#) - "Storage" (`WRITE_EXTERNAL_STORAGE`) permission before export and import of data
Solution - runtime permission check

#227 - java.lang.IllegalStateException: attempt to re-open an already-closed object: SQLiteDatabase

Solution - check to ensure database was open before performing the delete

#225 - Crash when connecting BT device. IllegalArgumentException: Service Intent must be explicit

Solution - bindService() no longer supports implicit Intent starting with L. For now I am setting target API back to 19.

#216 - App crashes if permissions are not granted in Marshmallow

Solution – runtime permission

#180 - No parent activity specified crash. IllegalArgumentException: Activity PackagesChooser does not have a parent activity name specified. (Did you forget to add the android.support.PARENT_ACTIVITY <meta-data> element in your manifest?)

Solution – add the element

#142 - 'Find Devices' button causes crash on Android 4.2. NoSuchMethodError:

android.bluetooth.IBluetooth.getRemoteAlias

Solution – change implementation

#131 - Crash on device disconnect. SecurityException: Permission Denial: not allowed to send broadcast android.intent.action.HEADSET_PLUG

Solution –

#78 - ICS force closes when connecting BT device. NoSuchMethodError:

android.bluetooth.IBluetoothA2dp.getSinkPriority

Solution - Had to modify AIDL interface to support both Gingerbread and older as well as Honeycomb and newer.

#60 - The stop service button inside the program force closes the app. The reason is simple: onDestroy unregisters the headsetReceiver even if it was not installed

Solution - I check to see if headsetPlug is true before unregistering. Catch exception

#58 - There is still logic error in Service. In the case of missing bluetooth database entry, the code simply returns from the receiver code, but does not reset the connecting/disconnecting booleans, so the service is dead afterwards, as it will no longer react on changes. This also leads to some ForceClose appearing later on disconnect

Solution – change implementation

#52 - Upgrade from pre-2.0 version to 2.0.10 causes force close.

Solution - Fixed the database onUpgrade function

#43 - Can't Open Latest Test File: Force Close

Solution - Finds a database creat error and corrected it.

#10 - force close when no data list item selected

Solution - Added a check for an empty list to prevent editor dialog and database read.

#7 - Force close on data export

Solution - Incorrectly reading the database and trying to export special sqlite data tables caused violations.

7. <https://github.com/aarddict/android/issues>

Installs: 10,000 - 50,000 Updated: June 14, 2014

#68 - App crash when dictionary title is not set

Solution – null check. Don't blow up if dictionary title is not set in metadata, use file name instead

#59 - Application sometime crashes when returning to article view. NPE

Solution – null check

#50 - Crashed when loading dics on SGS3. OOM

Solution - Dictionaries downloaded with command line tools may end up being html (of error page for example) with .aar extension. Previously no checks were made, attempt to load metadata was made, sometimes with random huge value for metadata length which would crash the app with OutOfMemoryError. Check header sanity before reading metadata, show error message toast.

#44 - AardDict 1.4.1 - Crash on orientation change during info dictionary load. `IllegalArgumentException`: View not attached to window manager

Solution - Prevent `DictionariesActivity` destruction on orientation change. Add `configChanges`

#26 - Crash when closing app in Android 4.0. Unable to start service with null

Solution - Fix crash when null intent is passed to dictionary service (happens when app is closed by swiping out in Android 4's recent apps). Null intent check

#19 - Application crashes when restoring article view state. `ClassCastException`

Solution – replace `LinkedList` with `List`

#16 - Application crashes sometimes if device orientation changes in article view. `IllegalStateException`

Solution – catch exception

#15 - Application crashes if device orientation changes while loading dictionaries

Solution – catch exception

8. <https://github.com/bailuk/AAT/issues>

#8 - Crash when device is on low memory (was: "Camera")

Solution – null check

9. <https://github.com/AChep/ACDisplay/issues>

Installs: 1,000,000 - 5,000,000 Updated: July 29, 2015

#82 - Force close if any audio player is running

Solution - Fix `TransformationDrawable` crash

10. <https://github.com/valerio-bozzolan/AcrylicPaint/issues>

#14 - The app crashes when trying to use more then five fingers at a time.

Solution – typo issue

11. <https://github.com/AdAway/AdAway/issues>

#746 - `android.database.sqlite.SQLiteConstraintException: UNIQUE constraint failed`

Solution - Update the entry instead of deleting and inserting

#617 - Scan for Adware Crashes. `android.os.TransactionTooLargeException`

Solution - Work around – catch broader exception

#492 - `org.sufficientlysecure.rootcommands.util.RootAccessDeniedException: stdout line is null! Access was denied or this executable is not a shell! Problem is with RootCommand library`

Solution – use alternate library

#466 - Adaway Crash on Android 4.3

Solution - Use new `RootCommands` version. Previously I used all commands prefixed with "toolbox", which I thought is available on every Android OS. This was not the case so I switched back to the commands without the prefix.

12. <https://github.com/dnet/adsdroid/issues>

#2 - Download functionality is broken. `MalformedURLException: Unknown protocol: javascript`

Solution - handle JavaScript datasheet links

13. <https://github.com/rtyley/agit/issues>

Installs: 1,000 - 5,000 Updated: December 26, 2013

#106 - Agit crashes due to a `NullPointerException`. `java.lang.NullPointerException` at `com.android.internal.view.menu.MenuitemImpl.toString`

Solution – upgrade `ActionBarSherlock`

#47 - NPE on checkout of non-bare Clone for some repos

Solution - Calling `InflaterInputStream.close()` on Oracle Java doesn't call `end()` on its `Inflater` if you supplied the `Inflater` in the constructor - but Android, incorrectly, *does*. `Inflaters` can't be used after `end()` has been called, which means you can't re-use `Inflaters` after using them with an `InflaterInputStream` on Android - which is precisely what `JGit` tries to do with `InflaterCache`. This results in either `NullPointerException` or `IllegalStateException` depending on what version of Android you're using. The fix

here is to only use special HarmonyFixInflaterInflaters in InflaterCache - these Inflaters can be re-used after being handed to InflaterInputStream, because they ignore their end() method.

#22 - the About activity crashed: java.lang.NoClassDefFoundError: java.util.ArrayDeque

Solution - Using markdownj rather than markdownpapers to avoid dependency on Deque class which is not available pre-Gingerbread

#20 - MissingObjectException can kill dashboard

Solution - Don't show repos that cause exceptions

#17 - Dateless annotated tags crash the Repo Viewer activity

Solution - If the annotated tag doesn't have a date, use the date of the object it's pointing to.

14. <https://github.com/CellularPrivacy/Android-IMSI-Catcher-Detector/issues>

#899 - java.lang.IllegalArgumentException: Field 'cell' does not exist.

Solution – change argument name from cell to cellId

#888 - Crash after OCID DB is downloaded. java.lang.NullPointerException

Solution – check null condition

#851 - Crash if back twice is pressed while downloading OCID data in map view

Solution – check activity is not null

#831 - When you try to download OCID data in Aiplaine Mode W or WO wifi connected, AIMSCID Crash.

Solution – check if network operator is empty

#816 - java.lang.IllegalArgumentException: Unknown component:

com.secupwn.aimsicd/com.secupwn.aimsicd.activities.OpenCellIdActivity

Solution – correct mistakes in writing package name in android:targetClass in preeferences.xml

#741 - Graphical glitch and potential crash in settings. when you do the steps mentioned above to get the graphical glitch and then press the phones back button.java.lang.NullPointerException.

Solution – loading fragment in onCreate rather than in onRestart

#688 - android.view.WindowManager\$BadTokenException: Unable to add window

android.view.ViewRootImpl\$W@28d06a6 -- permission denied for this window type

Solution – The background service detects that GPS is off and tries to show a dialog about that. Services are not allowed to show dialogs, the only way for them to show dialogs is using TYPE_SYSTEM_ALERT. The service tries to show an TYPE_SYSTEM_ALERT dialog, but fails there, because we removed the needed permission android.permission.SYSTEM_ALERT_WINDOW earlier. Add the permission

#686 - Crash when pressing CREDITS

Solution – remove themes

#632 - java.lang.StringIndexOutOfBoundsException

Solution – check string length

#620 - RuntimeException when downloading OpenCellID data with incorrect API key: Can't create handler inside thread that has not called Looper.prepare()

Solution – instantiate handler with Handler(Looper) constructor

#573 - FC when viewing BTS Measurements in DBV

Solution - It was an index number problem.

#483 - More exceptions from database. SQLiteException

Solution – modify the query

#383 - NPE on tm.getNeighboringCellInfo()

Solution – null check

15. <https://github.com/benjaminaigner/aiproute/issues>

#1 - SSID list not loaded, if Wifi disabled. in addition: app crashes if Wifi is disabled and a new route should be added

Solution – check null and empty

16. <https://github.com/akvo/akvo-rsr-up/issues>

Installs: 1,000 - 5,000 Updated: March 30, 2017

#157 - Camera photo request may return empty data: java.lang.IllegalArgumentException: filename cannot be null. The photo should be in the file designated when the request was launched. We store this in the variable captureFilename, but this is not saved across an activity destroy-recreate cycle

Solution – Save filename across an activity destroy-recreate cycle.

#131 - Re: RSR Up App – bug

Solution - Fix NPE in update list item that could happen if user was unknown.

#123 - Diagnostics page crash. Unable to resume activity

{org.akvo.rsr.up/org.akvo.rsr.up.DiagnosticActivity}: java.lang.NullPointerException

Solution – open DB before use – (onResume)

#104 - app crashes when trying to attach large size pictures. Running out of memory

Solution – resize image size

#100 - NullPointerException in RsrDbAdapter.listMissingUsers

Solution – NPE happening when Update table is empty. Check null condition on the table

#26 - Viewing old update with photo crashes app

Solution – check build version. Before Froyo we need to construct the external cache dir ourselves

#18 - Line returns/lengthy text in Title field causes update to not be sendable

Solution - disallowing long update titles

#7 - Changing screen orientation during network operation crashes app

Solution - Fix by disabling destructive rotation on project list and update. Add configChanges

17. <https://github.com/kraigs-android/kraigsandroid/issues>

Installs: 500,000 - 1,000,000 Updated: January 14, 2017

#110 - App crashes on device rotation

Solution - fragments must be public

18. <https://github.com/arpitkh96/AmazeFileManager/issues>

Installs: 500,000 - 1,000,000 Updated: April 30, 2017

#560 - Unregistering unregistered service crash. java.lang.IllegalArgumentException: Service not registered:

Solution – check build version then unbind service

#547 – Crash when user rotates screen. java.lang.IllegalStateException: Fragment ColorPref not attached to Activity

Solution – Save state in onCreate by overriding onSaveInstanceState

#523 - Copying WhatsApp's folders to a directory that already has those folders (to combine them) produced this crash. java.lang.ArrayIndexOutOfBoundsException.

Solution – use synchronized access modifier

#472 - when using FTP server you can only access the internal flash, and not SD card. This, added to the fact that I cannot cut/paste files to SD in android 6.0.1 app crashes

Solution - Minor service invocation fix for SD Cards

#471 - App will crash while copying big file

Solution - Switching back to streams when system is low on memory

#431 - Amaze crash v3.1.2 beta 8

Solution - Fix DataPackages ConcurrentModificationException with Watcher callback

#418 - Dark theme crashes on startup with newest beta. java.lang.NoSuchMethodError: com.amaze.filemanager.activities.MainActivity.getColor

Solution – replace getColor with getResources.getColor().

#353 - Crash on Device Rotation. NPE

Solution – It seems that its because 'getColorAsString' is called before onCreate on the MainActivity.
initialize the object before use

#331 - Amaze crashes in new 3.10 release

Solution - Fix about activity style fc

#324 - Crash in landscape mode (beta 2)

Solution - Fix search view fc due to config change

#111 - Force close DbViewer. NPE

Solution – correct mistakes in resource id

#68 - Crash when opening settings. InflateException.

Solution – Restore deleted menu item

19. <https://github.com/klassm/andFHEM/issues>

Installs: 10,000 - 50,000 Updated: July 2, 2017

#1120 - Repair crash on timetable opening

Solution – add public access modifier in interface

#1065 - Don't crash when encountering invalid Hex Strings

Solution – return if invalid

#1021 - Webcmd row crashes application on tablet devices

Solution – remove the button from resource file

#1018 - Repair NullPointerException in TaskerPlugin, causing EditActivity to freeze

Solution – change implementation

#885 - Dummy data loading crashes

Solution - Fix port determination of dummy server type

#879 - Crash on application open on notification click

Solution - Use correct intent, fix alias and name handling

#864 - Telnet connection edit crashes andFHEM

Solution - null check on attributes that are not always present

#827 - Application crash on billing initialization

Solution – change logic

#821 - Application crash during timer selection

Solution - add fragment to injects

#754 - Unable to stop activity: java.lang.IllegalArgumentException: Service not registered

Solution – add exception handling

#753 - Application crash. NoSuchMethodError: org.apache.commons.lang3.tuple.Pair.a

Solution – change implementation

#749 - Repair strange toString exception

Solution – catch exception

#746 - New permissions for exported services. SecurityException: Not allowed to bind to service Intent

Solution – Define missing permission

#596 - EIB/KNX: model percent causes application crash

Solution - ignore ??? states for percent models

#556 - Application may crash if using a BigWeatherForecast widget, if device does not exist within the current connection

Solution - make sure the list widget is only updated if the device is not null

#544 - Fix application crash on back press. java.lang.NullPointerException at

li.klass.fhem.activities.core.FragmentBaseActivity.onBackPressed

Solution – if fragment is null, finish the fragment.

#521 - Handle application crash on fragment change

Solution - do not remove fragments but hide them

#512 - Prevent application crash upon heating interval deletion

Solution – change logic

#473 - Resolve Floorplan receive results application crash

Solution – get context properly

#470 - Application may crash when receiving a message in SendCommandFragment.

java.lang.NullPointerException

Solution – repair nullpointer by reading the context before receiving the message

#229 - EnOcean device comparison produces application crash

Solution – null check

#188 - Repair application crash when trying to load an image that cannot be found

Solution - disable weather images until they are available via updatefhem

#175 - FHT change temperature to "" produces application crash

Solution - use 0 as FHT change default text, require a non blank input

#164 - Fix billing service nullpointers

Solution – check null intent

20. <https://github.com/yvesf/andiodine/issues>

#12 – crash on close via VPN-popup

Solution – change logic as well as handle state properly

#4 - Unable to connect: IllegalStateException

Solution – detect issue and show error msg

21. <https://github.com/AndlyticsProject/andlytics/issues>

Installs: 10,000 - 50,000 Updated: June 29, 2017

#697 - Reviews/stats stopped downloading. org.json.JSONException: No value for 2

Solution – implement getJSONObject properly.

#464 - Admob failure

Solution - don't use Double.MIN_VALUE for chart offsets. Use 0

#329 - AdMob activity crashes to main activity when swiping the last chart right.

Solution - This is somehow caused by the House ad clicks graph/data. No time to trace it right now though, so just disabling it as a workaround.

#267 - org.json.JSONException: Value null at 1 of type org.json.JSONObject\$1 cannot be converted to int

Solution – caused by referencing null stat value of unpublished app. For now, don't show stat for unpublished app

22. <https://github.com/fr3ts0n/AndrOBD/issues>

#27 - ConcurrentModificationException when displaying OBD data screen

Solution - Change from direct Stream writing to BufferedWriter with BufferSize 1 Byte to force flushing on every byte.

#14 - protocol error infinite loop

Solution - cancel current OBD service on NRC response (to prevent error loop)

23. <https://github.com/BenoitDuffez/AndroidCupsPrint/issues>

Installs: 10,000 - 50,000 Updated: April 13, 2017

#67 - CupsPrinterDiscoverySession.java line 441

Solution - fixed crash when handling discovery exceptions. 1. Check nullity of exception message before trying to search it. 2. Search the exception message instead of the localized message

#60 - CupsPrinterDiscoverySession.java line 266

Solution - set default mediaSize and resolution to avoid crash. When ipp returns a attribute set with no media size and resolution information, the builder would crash when build capabilities info

#37 - CupsGetPrintersOperation.java line 59

Solution – null check

#31 - CupsPrinterDiscoverySession.java line 159. MalformedURLException:
java.lang.IllegalArgumentException

Solution - removed references to Uri.parse as it doesn't support IPv6

24. <https://github.com/pires/android-obd-reader/issues>

#172 - OBDII reader crash. NPE

Solution – null condition check

#139 – Crash. java.lang.StringIndexOutOfBoundsException

Solution – remove substring() method

#102 - 2.0-RC1 f-droid build crashed on start

Solution – proguard problem

#61 - android-obd-reader crashes on Get-DTC

Solution - MisunderstoodCommandException can happen when communication with the obd device gets out of sync. Catch the exception to prevent obd-reader from crashing.

#37 - Get FuelType results in crash. NPE

Solution – check null and return "-" instead

#35 - Get DTC option causes app to crash

Solution - remove unwanted response from output since this results in erroneous error codes, stripping out the "SEARCHING..." string from rawdata by overriding getResult in TroubleCodesActivity.java

#26 - Will crash if "Start Live Data" with no bluetooth device connected.

java.lang.IllegalArgumentException: null is not a valid Bluetooth address

Solution - Do not attempt to Establish Bluetooth connection if no Bluetooth device is selected

#22 - Every 2nd Stop Live Data crash. java.lang.IllegalArgumentException: Service not registered.

Solution – The onServiceDisconnected won't be called when the client unbinds from the service but only when the service unbinds (unexpectedly) from the client. So even though we unbind from the service, the isServiceBound was still true. This is fixed by doing isServiceBound = false on the doUnbindService method.

#7 - Cant connect to adapter starting with android 4.2.1

Solution - Added Bluetooth connection fallback.

25. <https://github.com/phora/AndroPTPB/issues>

#2 - NullPointerException in UploadFilesTask

Solution - Change check for sha1 to digest in NetworkUtils

26. <https://github.com/andstatus/andstatus/issues>

Installs: 5,000 - 10,000 Updated: June 25, 2017

#426 - pump.io, first message: AndStatus crashes on "Users of message"

Solution – null check

#406 - AndStatus crashes when adding new Twitter account

Solution – get resource before calling super.onCreate

#405 - AndStatus crashes when I try to view an item from a search. ActivityNotFoundException: No Activity found to handle Intent { act=org.andstatus.app.action.VIEW_CONVERSATION dat=content://...

Solution – correctly retrieve URI.

#351 - OutOfMemoryError on loading bitmap to cache with large amount of free memory

Solution – initial implementation in v.25.02 showed that cache size (calculated as 10% of free memory on a device) for Android v.4 devices should be at least 2 times smaller than for Android 5 devices (i.e. less than 5% of free memory). Otherwise we are getting OutOfMemoryError right after application start.

#334 - IndexOutOfBoundsException at android.text.PackedIntVector.getValue

Solution - it appeared that this line causes the crash if a text contains the "soft hyphen" ('\u00AD') only. I fixed this by replacing that "soft hyphen" with "-" ("minus" sign) before displaying to a User.

#300 - Invalid or malformed links in messages crash AndStatus

android.content.ActivityNotFoundException: No Activity found to handle Intent

Solution – catch exception

#281 - Crash on java.util.concurrent.RejectedExecutionException

Solution - The issue fixed by creating several execution pools for different types of tasks.

#273 - AndStatus doesn't copy a media file to its internal storage but simply stores URI provided by the other application. And that URIs sort of expire sometimes (become invalid). SecurityException: Permission Denial: opening provider

Solution - Attached images are immediately saved by AndStatus in its internal storage to avoid expiration of links and errors during sending of these attachments and especially, during resending after failed attempts.

#263 - Crash with ActivityNotFoundException on clicking a link in a message

Solution - bug in Android firmware.

#250 - A lot of crashes in the last ß version auto refreshing the TLs. OOM

Solution - changed scaling of attached images to produce smaller images.

#179 - Crash during downloading large pictures. Out of memory

Solution – resize the picture

#130 - Crash on changing "Size" and "Color Theme" in AndStatus

Solution - I found the cause of the crash: "overtranslation". Not everything in arrays.xml should be translated, namely: all tags named "..._values" should not be translated at all! In order to fix the problems with changing Theme and Size: Completely delete from Spanish translation: <string-array name="theme_size_values"> ... and <string-array name="theme_color_values">

#127 - Exception on Android 4.4. while sending attached document. opening provider com.android.providers.media.MediaDocumentsProvider from ProcessRecord{...} requires android.permission.MANAGE_DOCUMENTS"

Solution – add permission

27. <https://github.com/ankidroid/Anki-Android/issues>

Installs: 1,000,000 - 5,000,000 Updated: February 28, 2017

#4581 - DeckPicker NullPointerException (corrupt collection?)

Solution – null check

#4571 - Reset progress causes crash. IllegalStateException: Fragment null must be a public static class to be properly recreated from instance state.

Solution - Android can't instantiate fragments that are anonymous classes. It was somehow working fine until they updated the support library. Here we use Runnables instead. Once we move to Java8 we can make the code much less verbose by using lambdas.

#4478 - Ankidroid crashes on startup (Android 2.3)

Solution - Update support libraries

#4451 - Crash on Nougat in full screen mode with answer buttons hidden

Solution - AbstractFlashcardViewer pulls layout params from parent, casting it as RelativeLayout

#4421 - "Preview new cards" show 0 cards with 99999 days but all with 9999

Solution - Fix textChangeListener and custom study "preview new cards" incorrectly showing 0 cards

#4378 - Anki collection, study settings dialog does not open

Solution - Fix missing default value in deck options

#4330 - Android 2.3.x crash :: android.os.BadParcelableException: ClassNotFoundException when unmarshalling

Solution - Update support libs and SDK versions

#4279 - 2.6beta1 crashes on Android 2.3.7 when changing deck options

Solution - Restart DeckOptions only after listener returns. Fixes a crash on Android 2.3 when changing options group.

#4031 - Crashes at 31384kb when downloading collection, and subsequently crashes whenever opening
Solution - Check for IllegalStateException when opening DB due to 1MB cursor limit

#3905 - Can't open some collections with high degree of nesting in the decks
Solution - The internal deck list representation wasn't correctly sorted which violated some assumptions about subdecks being determined by the order of the elements in the list.

#3832 - Crash when importing due to ending an unopen transaction
Solution - change implementation

#3815 - Exception thrown while editing note types with unbalanced braces
Solution - Fix crash previewing faulty template

#3781 - NPE updating widget
Solution - Ignore exceptions caused by the widget

#3772 - Crash rescheduling card with empty value for num days
Solution - Update material libraries with exclude group

#3739 - Can't open "Settings"
Solution - Revert the support libraries to 23.0.1

#3697 - Crash by sync error StackOverflowError
Solution - infinite recursion in ShowSnackbar method

28. <https://github.com/AntonioRedondo/AnotherMonitor/issues>

Installs: 1,000 - 5,000 Updated: January 16, 2016

#1 - Crashes on start. IllegalArgumentException: Underflow in restoreToCount
Solution - catch exception

29. <https://github.com/antennapod/AntennaPod/issues>

Installs: 100,000 - 500,000 Updated: December 6, 2016

#2215 - Fix class cast exception on unknown mime type. ClassCastException: util.playback.AudioPlayer cannot be cast to util.playback.VideoPlayer

Solution - assume that the media type is audio when the mime type is unknown.

#2202 - Random crashes in 1.6.2.2. NullPointerException
Solution - check condition header not created and log error

#2195 - AntennaPod immediately crashes after starting the app. OutOfMemoryError: Failed to allocate. The image the app tried to load was just too large.

Solution - catch exception

#2134 - ClassCastException: java.lang.Integer cannot be cast to java.lang.Long
Solution - change type from int to long

#1925 - Chromecast: playing a video episode when casting crashes AP. NullPointerException
Solution - check null condition

#1905 - Antennapod crashes every time when starting app. NPE
Solution - fix crash caused by ProGuard. for some reason ProGuard removes this file. Why? Unsure.

#1901 - AntennaPod crash on while Chromecasting. Unable to resume activity CastplayerActivity: NPE
Solution - check null condition in Log.d

#1883 - Threats of Crash on some Samsung devices

Solution - fix for it is to add -keep class !android.support.v7.internal.view.menu.**,* {*; } to the proguard rules.

#1754 - Reordering episodes in queue causes mis-ordering, crashes. NPE
Solution - check null

#1630 - Unable to resume activity AudioplayerActivity: NullPointerException: Attempt to invoke interface method 'util.playback.Playable.getChapters()' on a null object reference
Solution - check null

#1599 - Audio Player crashes on rotate. IllegalArgumentException: No view found for id 0x7f0e00b1 (de.danoeh.antennapod:id/pager) for fragment CoverFragment{3642ae4 #0 id=0x7f0e00b1}

Solution – don't retain fragment instance. nested fragments can't handle setRetainInstance

#1359 - ItemFragmentManager: ArrayIndexOutOfBoundsException when deleting current feed

Solution – Don't load a fragment not reachable from the drawer

#1313 - AntennaPod crashes at startup after adding CCC Podcast

Solution - Error handling for getMediaSize observable

#1301 - Crash when parsing date. StringIndexOutOfBoundsException

Solution – catch exception related to date and time

#1293 - NPE: MainActivity.onContextItemSelected

Solution – check null

#1073 - Unable to start activity ComponentInfo{.MainActivity}: IllegalStateException: This Activity already has an action bar supplied by the window decor. Do not request Window.FEATURE_ACTION_BAR and set windowActionBar to false in your theme to use a Toolbar instead.

Solution - remove the android:theme attribute

#1039 – ConcurrentModificationException at java.util.ArrayList\$ArrayListIterator.next(ArrayList

Solution – use lock and unlock

#887 - NullPointerException in PicassoProvider

Solution – check null

#884 - NoSuchMethodError: org.apache.commons.lang3.StringUtils.join

Solution – change StringUtils to TextUtils

#880 - malformed URLs. ActivityNotFoundException: No Activity found to handle Intent

Solution – queryIntentActivities on package manager

#856 - Prestissimo-related crashes

Solution - Experimental feature: Prestissimo replacement & normalizer

#827 - OPML Import not working with Podcast Addict backup. NPE

Solution - Less picky about the mime type's we accept. Handling content and files the same way.

Improved support for sharing files

#765 - NullPointerException in DragSortController.onScroll

Solution – check null

#471 - Crash when clicking the refresh icon too soon

Solution - Hide menu items while fragment is loading

#390 - impossible to disable downloading of episode images

Solution - Disabled downloading of episode images.

#365 - Crashes when updating rss-feeds since Version 0.9.8.1. ArrayIndexOutOfBoundsException

Solution – change logic

#275 - Google TV AntennaPod crashes when settings is selected

Solution - Fixed NullPointerException when PreferenceActivity was created.

#237 - Crash if file is moved

Solution – null check

#223 - Organize queue makes FC in 0.9.7.4. NoSuchMethodError: android.view.View.animate

Solution – Use NineOldAndroid compatibility library for animations. This fixes the crashes on pre-Honeycomb devices when entering the Organize Queue activity

#216 - Antennapod always crashes at startup after playing corrupt m4a file once

Solution – null check

#215 - as seen in the screenshot the resuming of a podcast is done on the main thread. this also causes the app to crash if you send the app to background.

Solution - executes all MediaPlayer methods in a separate thread

#201 - fix crash on null reference in FeedManager

Solution – null check

Installs: 5,000 - 10,000 Updated: April 5, 2017

#61 - IllegalStateException: Fragment TowerInfoFragment{eb96976} not attached to Activity

Solution – ensure TowerInfoFragment is added to Activity on refresh()

#1 - IllegalStateException: Can not perform this action after onSaveInstanceState

Solution – pass null instead of SavedInstanceState to super.onCreate().

31. <https://github.com/helloworld1/AnyMemo/issues>

Installs: 100,000 - 500,000 Updated: June 2, 2017

#440 - Pressing Paint in Quiz mode crashes the app every time

Solution – change theme and start different activity

#422 - Application crash after rotating screen

Solution – use appComponents().option() instead of activity.getOption() in onAttach

#31 - Anymemo will show force close if the user exits from a dialog fragment too fast. go to list mode, click an item and open the action dialog, press back back back fast.

Solution – catch exception

32. <https://github.com/AnySoftKeyboard/AnySoftKeyboard/issues>

Installs: 1,000,000 - 5,000,000 Updated: June 16, 2017

#831 - Yochees Dark Theme QuickText keyboard broken

Solution - fix-fallback-theme-resolution. hidden fallback theme should be found by id.

#732 - Crash when long-pressing emoji in Kurdish

Solution - fixing long-press when quick-text-key is defined in external package. Check error conditions.

#702 - Crash while writing

Solution - updating KU translations.

#613 – NPE @ UiTweaksFragment

Solution – check null

#577 - Crash @ KeyboardUIStateHandler

Solution – Change format identified from %d to %s

#553 - Crash when opening `.com` while in an external keyboard

Solution – get proper context when in external keyboard.

#501 - NPE @ View.getHardwareLayer

Solution – updating support library to fix hardware layer issue

#482 - ArrayIndexOutOfBoundsException @ EditorWordViewHolderNormal#onClick

Solution – check index value before remove operation

#481 - SQLiteException @ WordsSQLiteConnection#addWord

Solution – remove synchronized access modifier

#480 - IllegalArgumentException @ PreviewPopupManager#internalDismissPopupForKey

Solution – catch exception

#477 - IllegalMonitorStateException @ RestoreUserWordsAsyncTask

Solution – notifyAll was invoked on wrong object

#472 - String Formatting Crash in 1.5_r1

Solution – change implementation. moving Log back to ASK app

#454 - NPE @ CardedChangeLogFragment\$1.onClick

Solution – check null

#417 - NPE Crash @showQuickKeysView

Solution – replace null value with anykey

#412 - NPE Crash @ dismissPopupKeyboard v133

Solution – change implementation

#410 - Crash in QuickTest Popup

Solution - hiding non popup-keyboard addons.

#373 - IllegalStateException while switching to a PreferenceFragment

Solution - fixing PreferenceFragment so it interact with the UI at the right state.

[#355](#) - Crash NullPointerException in MainFragment.java:118

Solution - Missing tablet layout. Create text view layout in the fragment

[#339](#) - NullPointerException @

android.support.v4.widget.DrawerLayout.isContentView(DrawerLayout.java:853)

Solution – fix layout view

[#329](#) – StackOverflowError

Solution - Some devices (notably, Android 2.3.5) will crash on the main_ui. The reason is a StackOverflow due to the many layers of the UI. I was able to remove one layer.

[#322](#) - IndexOutOfBoundsException @ AddOnListPreference.onRestoreInstanceState

Solution – check bound

[#317](#) - NPE @ AddOnCheckBoxPreference.populateViews

Solution – null check. When an Add-On is uninstalled from the device, its context can not be retrieved anymore. This is a protection in that case.

[#295](#) - NullPointerException @ isValidWord

Solution - isValidWord may throw NPE if the dictionary is not ready yet. Change implementation

[#292](#) - java.lang.NullPointerException @ KeyboardAddOnAndBuilder.java:83

Solution – check null context. NPE when package was un-installed, but ASK still wants to show the screenshot

[#291](#) - java.lang.ArrayIndexOutOfBoundsException @ Log.java:57

Solution - exception is thrown when trying to view log-lines in RELEASE mode. Check log length

[#289](#) - Crash in devices without IME Settings (like Nook)

Solution - handling crash for Nook devices, where it is not possible to setup IME. Catch ActivityNotFoundException

[#286](#) - java.lang.NullPointerException

Solution – null check

[#285](#) - android.view.InflateException

Solution - It is not allowed for a fragment to be inflated within a fragment! Must add fragment programatically with getChildFragmentManager.

[#279](#) - NPE @ AddOnListPreference.setAddOnsList

Solution - fix for NPE in AddOnListPreference when restoring state, and add-on was already uninstalled.

[#257](#) - NPE @ com.anysoftkeyboard.ui.settings.setup.SetupKeyboardWizardFragment.onDestroy

Solution – check null on context. in case it was destroyed before onActivityCreated was called.

[#256](#) - NPE @ com.anysoftkeyboard.ui.settings.widget.AddOnListPreference.onSaveInstanceState

Solution - some add-ons can be none. Null check

[#254](#) – StackOverflow

Solution - trying to reduce the number of nested views, and removing ScrollView when possible.

[#248](#) - Parcel: unable to marshal value android.graphics.PointF

Solution - PointF is not Parcelable in API7. I've created a Compatibility class for that.

[#246](#) - java.lang.IndexOutOfBoundsException in MainFragment

Solution - protect in case the localization was not correct

[#196](#) - NPE on AnyKeyboardView.onTouchEvent

Solution – null check

[#119](#) - NPE in AddOnArrayAdapter.getView

Solution – do not call getPackageName on context

[#118](#) – NoSuchMethodError.

com.anysoftkeyboard.dictionaries.sqlite.WordsSQLiteConnection.getDatabaseName

Solution – change implementation

[#116](#) - NPE in BTreeDictionary.deleteWordRec

Solution – change implementation

#114 - NPE in PackageRemoved Theme

Solution - do not call getPackageName on context

#105 - Crash due to: Unable to open trace file '/mnt/sdcard/AnySoftKeyboard_tracing.trace' Permission denied

Solution – catch exception and show error msg

#80 - Crash in AddOnListPreference window. NPE

Solution – check null

#79 - Crash in words editor. IllegalStateException

Solution - fixed loading of dictionaries in word editor activity. Handle state properly

#78 - OutOfMemory in AutoText

Solution – catch exception

#32 - NPE In AutoDictionary flush

Solution – null check

#7 - Crash on words editor onPostExecute function. IllegalArgumentException

Solution – before dismiss dialog, check dialog is showing

#6 - Crash while trying to show key preview on MIUI ROM

Solution – catch exception

#3 - Crash on voice input result. IllegalArgumentException

Solution – catch exception

#2 - Crash on Fallback DB load: Couldn't init cursor window. IllegalStateException

Solution – catch exception

33. <https://github.com/thialfihar/apg/issues>

Installs: 100,000 - 500,000 Updated: March 24, 2014

#24 - APG crash when touching empty space

Solution - Workaround for nullpointer bug in support lib

34. <https://github.com/JusticeRage/ApkTrack/issues>

#36 - Version 1.1a crashes on startup

Solution - Added an icon to differentiate between searching and downloading APKs. Null check

#14 - Multiple Crashes

Solution – null check

35. <https://github.com/AsteroidOS/AsteroidOSSync/issues>

#11 - App is crashing after connecting to watch. ResourcesNotFoundException

Solution – Wrong use of resource

#3 – Weather-related crash on establishing watch connection. ArrayIndexOutOfBoundsException

Solution - Ignore missing last few values of OpenWeatherMap's json

36. <https://github.com/AnimeNeko/Atarashii/issues>

Installs: 100,000 - 500,000 Updated: July 1, 2017

#466 - AniList profile crash. NPE

Solution – set value

#215 - Beam Receipt NPE

Solution – without processing NFC-intents twice (currently they're processed in onCreate() and onResume, just by checking if type and animeRecord or mangaRecord is set.

#202 - Crash on startup (no network connection)

Solution - Don't reload records if connection is lost.

#198 - Changed Username or Password Causes Errors

Solution - if the user changed his password and does something within the app that requires authentication a dialog is shown asking for the new password. The authentication check is done by a new AsyncTask which also replaces the Thread in FirstTimeInit.

#152 - Crash on Android 2 - Options Menu / Side Panel. NullPointerException

Solution – This issue was caused by an ItemGridFragment that hasn't been finished loading. I moved it to Oncreate.

#115 - Crash on orientation (DetailView & About)

Solution - The scrollview id's were causing confrontations & inflatedId was the main cause. Change layout views and override onSaveInstanceState as well as onRestoreInstanceState

#93 - Beam Support Breaks Non-NFC Devices. NullPointerException

Solution – Since getDefaultAdapter returns null if there isn't an adapter in the device, only operate on it if it actually exists. Check null

#63 - Extended Characters Crash Search. JSONException

Solution – convert query to Unicode

#62 - Possible Resource Missing. Resources\$NotFoundException

Solution – update SherlockNavigationDrawer and ActionBarSherlock

#61 - Fatal Exception with Resources. Resources\$NotFoundException

Solution - Fix icon renaming to match recommended naming conventions

#54 - NPE in Login under Android < 4

Solution - Context isn't passed to our background tasks in Android versions below 4. Change the calls to getRecords to explicitly always pass context to the method and then pass context to the methods it calls. We can then safely create MALManager if it's null (Android below 4) without an NPE when on our first login.

#53 - Logout Error - No Such Method getDatabaseName

Solution – add the method

#51 - NPE on tile display for Android 3 and below

Solution - there is some kind of threading issue in Android 3.0 and below where the typeMap somehow gets used for both manga and anime records, making values not match properly. This leads to null values in areas that shouldn't have them. This is fixed by always building the typeMap when getTypeMap is called.

#40 - Crash on First Launch. NullPointerException

Solution – check null. In some cases on Android 3.x, mManager is null for the record tasks.

This will attempt to re-create the object if this is the case.

#39 - Crash in getDetailsTask.onPostExecute. NullPointerException

Solution – Check SynopsisFragment View Exists before Accessing It

#38 - Crash in AsyncTask Database. IllegalStateException

Solution - Avoiding the use of global variables as index pointers, this avoids having multiple calls trampling all over each other. It also makes for cleaner queries and, hopefully, easier future maintenance.

#18 - Unable to start activity ComponentInfo{.Home}: java.lang.NullPointerException

Solution - During commit of 149efb7, res/values-large/styles.xml got added. This was being used by some devices and causing a non-ActionBar theme to be used, which caused a crash when trying to access the action bar in the application. This change removes the bad file and adjusts res/values/styles.xml to use the Holo style like it should.

#6 - Out of Memory on really long lists

Solution - the problem however is that the ImageDownloader class (which also handles saving and serving preloaded images) keeps an internal cache loaded in memory.

37. <https://github.com/indrora/Atomic/issues>

#34 - fc on open

Solution – change implementation

#17 - Crash when sending a command upon connect

Solution – null check

38. <https://github.com/liato/android-bankdroid/issues>

Installs: 100,000 - 500,000 Updated: January 6, 2017

#637 - AmericanExpress crash when no transactions are available. NullPointerException

Solution – check null

#601 - ICA Banken crashes when adding new account

Solution - Removes IcaBanken since they now require BankID

#528 – Jojo crash application if less than 4 cards are connected to the account. NullPointerException

Solution – check null

#478 – Application crashes if user click on widget after the account has been deleted. NPE

Solution – check null

#476 – Application crashes when checking connectivity. NullPointerException

Solution – check null

#475 - Application crashes if no balance is found for Villabanken. IllegalStateException

Solution - Check that regex matches before adding account

#473 - Application crashes if http entity is null

Solution - Adds null check before calling toString on HttpEntity

#471 - Application crashes when you go back during an update process

Solution - Check if activity is finishing before alert dialog is shown.

#462 - AbstractSwedbank.java line 265

Solution - Use LoginException if user tries to use Swedbank with a Sparbanken account

#457 - Pattern lock does not work on Samsung Galaxy S3

Solution - Application crashes because @*android: are used. Remove all @*android: and copy the resources to the apps drawable folder instead.

#434 - Application crashes for notifications if SonyMobile LiveView is enabled.

Resources\$NotFoundException

Solution –Updates icon name for SonyMobile LiveView menu icon.

#433 – WebView broken for Swedbank and Sparbankerna. NullPointerException. The application crashes if a user clicks the www button for Swedbank or Sparbankerna

Solution – disable the www button

#430 - NullPointerException for Coop

Solution – change implementation

#424 - Dismiss dialog after activity has finished causes IllegalArgumentException

Solution - Check if activity is finishing before dismissing dialog from background tasks.

#421 - LockPattern resources not found at some devices

Solution – define and add resource correctly

#369 - App crashes when adding widget

Solution - Use appcompat theme for widget activity

#332 – Bankdroid crashes with Swedbank. The crash is caused by Bank.getBalance() trying to add a null value

Solution - cardAccounts does not have a balance, instead they have a availableAmount field. Adds credit card transactions for Swedbank and Sparbankerna

#189 - Crash due to database lock exceptions

Solution - Use a single database connection for the whole application.

39. <https://github.com/johnzweng/bankomatinfos/issues>

Installs: 10,000 - 50,000 Updated: December 19, 2014

#3 - Application crashes when pressing the "Up" Navigation button in the ActionBar within the Settings Activity.

Solution – add android:parentActivityName="..." in AndroidManifest

40. <https://github.com/zxing/zxing/issues>

Installs: 100,000,000 - 500,000,000 Updated: September 16, 2016

#607 – ArrayIndexOutOfBoundsException barcodes will never exist in files that have 1 pixel

Solution - guard against very narrow images

#147 - Another AIOOBE with PDF 417

Solution - handle corner case as normal failed read rather than AIOOBE

#116 - Possible crash in crossCheckDiagonal function of QRCode

Solution - add range check and simplify some conditions

#108 - Attempt to read default encoding system property triggers AccessControlException.

java.security.AccessControlException

Solution - avoid accessing system property directly System.getProperty("file.encoding"). use
PLATFORM_DEFAULT_ENCODING = Charset.defaultCharset().name();

#90 - Crashes in Barcode Scanner on Android

Solution - possibly relevant improvement to logic - no point in canceling the AsyncTask which will always be running at that point if it exists

#67 – PDF417 crashing occasionally. ArrayIndexOutOfBoundsException

Solution – check length before reading

#41 – Scanning PDF417 crashes on android. NullPointerException

Solution – check null

41. <https://github.com/dougkeen/BartRunnerAndroid/issues>

Installs: 100,000 - 500,000 Updated: March 26, 2017

#8 - Crashes on Marshmallow. IllegalAccessException

Solution - it was just an ActionBarSherlock compatibility problem. Getting rid of the lib fixed it.

42. <https://github.com/VladThodo/behe-explorer/issues>

Installs: 500 - 1,000 Updated: February 12, 2017

#31 - Crash when use voice button

Solution - The voice search button has been replaced by a refresh button.

43. <https://github.com/Berlin-Vegan/berlin-vegan-guide/issues>

Installs: 10,000 - 50,000 Updated: June 23, 2016

#38 - IllegalArgumentException: width and height must be > 0

Solution – Style defined incorrectly in resource file. updated new support lib

#36 - No Activity found to handle Intent { act=android.intent.action.VIEW

Solution – query packageManager to check whether the intent can be handled by apps

#18 - Crash (Nullpointer)

Solution – check the activity is not finishing before running dialog on the UI thread

#16 - Crash on showing "GPS not available" dialog. MaterialDialog\$DialogException

Solution – check activity.isFinishing before opening dialog

#15 - JsonSyntaxException: java.net.SocketTimeoutException

Solution- catch exception

44. <https://github.com/javiersantos/WhatsAppBetaUpdater/issues>

#38 - App Crash

Solution – update support library

#37 - Exception on no Internet Connection

Solution – check if network is available

#6 - Incompatible with current Android M Preview. UnsupportedOperationException: Use StringFactory instead.

Solution – change implementation

45. <https://github.com/arnef/bewegungsmelder-android/issues>
Installs: 10,000 - 50,000 Updated: March 3, 2017
#10 - Crash on start. java.lang.IllegalStateException
Solution - downgrade appcompat to com.android.support:appcompat-v7:23.4.0.
46. <https://github.com/rigid/Birthdroid/issues>
#12 - crash on illegal input in preferences
Solution – check for illegal input
47. <https://github.com/bitcoin-wallet/bitcoin-wallet/issues>
Installs: 10,000 - 50,000 Updated: July 2, 2017
#299 - Wallet crashes on startup after receiving invalid txs with fake txout values.
IllegalArgumentException
Solution - Fix a few max coins checks.
48. <https://github.com/grote/BlitzMail/issues>
#11 - Crash in NotificationHandlerActivity.onCreate. NullPointerException
Solution – check extra for null
#3 – Crash on shaky internet connection. NullPointerException
Solution – check null
49. <https://github.com/scoutant/blokish/issues>
Installs: 100,000 - 500,000 Updated: May 17, 2017
#13 - an ActivityNotFoundException bug
Solution – in catch exception clause, show custom URL
50. <https://github.com/drpout/boilr/issues>
Installs: 1,000 - 5,000 Updated: December 29, 2016
#72 - price change time frame no default
Solution - Added default update interval and time frame to the preferences on alarm creation.
#17 - price hit alarm - edit to - price change
Solution – change implementation
#16 - boilr crashes and keeps giving warnings
Solution - StorageAndControlService now does not crash when launched by Android with a null Intent.
Check null action
51. <https://github.com/eleybourn/Book-Catalogue/issues>
Installs: 100,000 - 500,000 Updated: January 22, 2016
#712 - Using day name (EEE) in system default date causes crashes...
Solution - this results from code outside of our control, so we catch and ignore date order for the date picker.
#370 - java.lang.NullPointerException in BooksOnBookshelf\$5.onItemSelected
Solution – null check
52. <https://github.com/charlieCollins/and-bookworm/issues>
#71 - Rare FC after many orientation flips and get more datas on BookSearch.
IndexOutOfBoundsException
Solution - Found bug, not selected from adapter on booksearch (selecting from parsed books array used to pop adapter after recent changes, just need to use adapter).
#54 - Bookworm constantly Force Closes when trying to run (in locale other than English/French/German/Spanish)
Solution - Added a default strings.xml that falls back to English.
#10 - Some book scans causing force close
Solution – change implementation
53. <https://github.com/scoute-dich/browser/issues>

#8 - Crashing - Android 5.x.x NPE

Solution - I had a transparent background for the progressbar while loading websites. I changed it to a solid color.

54. <https://github.com/brarcher/budget-watch/issues>

#23 - Crash when trying to add receipt

Solution – runtime permission

55. <https://github.com/PanicInitiative/PanicButton/issues>

Installs: 10,000 - 50,000 Updated: April 20, 2015

#81 - Crash report for contact nested fragment

Solution - nested fragments were introduced in Android 4.2 so we need to remove this to keep Android 2.3 compatibility.

#57 – crash when adding a contact. CursorIndexOutOfBoundsException

Solution - check the cursor if its blank before fetching it. if(cursor.moveToNext())

#30 - App crashes on "more security tips" during setup

Solution – change implementation

56. <https://github.com/gggard/AndroidCaldavSyncAdapater/issues>

Installs: 100,000 - 500,000 Updated: December 2, 2013

#210 – NullPointerException on adding Timezone

Solution – check null

#129 – NullPointerException in MultiStatusHandler when parsing Darwin Calendarserver response

Solution – check null

#71 – Recurring events cause CalDAV Sync Adapter to crash. NullPointerException

Solution - sometimes provider.insert() returns null Uri, add null guard

#60 - AndroidCaldavSyncAdapater crash

Solution – change implementation

#33 - Unfortunately, CalDAV Sync Adapter has stopped.

Solution - turn the event into an 'all day event'

#22 - NPE in getEvents

Solution – null check

57. <https://github.com/k3b/CalendarIcsAdapter/issues>

#15 – Freezing OOM

Solution - import of ics files with more than 1 event will be processed one by one instead of in parallel

58. <https://github.com/SufficientlySecure/calendar-import-export/issues>

Installs: 10,000 - 50,000 Updated: March 16, 2017

#42 - NullPointerException from getDateTime during export

Solution - Add better logging and defend against possible failures in getDateTime

#33 – NullPointerException when writing data to file

Solution - Add a sort by argument Cursor cur = resolver.query(Events.CONTENT_URI, EVENT_COLS, where, args, sortBy)

59. <https://github.com/quarck/CalendarNotification/issues>

Installs: 10,000 - 50,000 Updated: July 1, 2017

#111 - Bug: dismiss on compact view, then reload -> crash

Solution – change implementation

#2 - after snooze edited the event when saved the event the app crashed. IllegalStateException: location must not be null

Solution – check null

#1 - crash oneplus one cm11 44s no gogle account xposed module. IllegalStateException: desc must not be null

Solution – remove the field returning null

60. <https://github.com/plusonelabs/calendar-widget/issues>

Installs: 500,000 - 1,000,000 Updated: June 1, 2017

#186 - org.joda.time.IllegalInstantException when creating calendar event

Solution – fix time zone

#89 - App crashes on Android 4.1 devices because unknown query column is used.

IllegalArgumentException

Solution - Uses different projection in query to distinguish between 4.1+ and older devices.

#84 - Settings activity crashes on Android 4.4 (KitKat). RuntimeException: Subclasses of PreferenceActivity must override isValidFragment(String) to verify that the Fragment class is valid

Solution - checks if fragments are allowed to attach by overriding isValidFragment(String)

#61 - Widget crashes all the time after the last update. NumberFormatException

Solution - Fix type conversion

#57 - Adding events crashes S Planner on SGS3

Solution - Fixed crash of Samsungs S Planner calendar app when creating new event.

#48 - Some devices crash when adding new events via the widget

Solution - Fixed event creation intent. Also added check whether the new intent can be resolved to an app. If no app is able to process the intent the "+" button is hidden.

61. <https://github.com/citiususc/calendula/issues>

Installs: 500 - 1,000 Updated: December 23, 2016

#17 - App crashes when editing a schedule if the number of repetitions is greater than the number of routines

Solution – remove the code causing crash

#16 - App crashes when editing schedule NPE

Solution – null check

62. <https://github.com/renyuneyun/CamCov/issues>

#3 - Prompt for camera permission for Android 6.0+

Solution – runtime permission

#1 - Crash after activating

Solution – include permission handling for sdk>23

63. <https://github.com/theksmith/CarBusInterface/issues>

Installs: 1,000 - 5,000 Updated: April 16, 2016

#5 - error when building/running in lollipop

Solution - Moving the construction of NotificationBuilder to the onCreate method

64. <https://github.com/rengolin/cardgamescores/issues>

#2 - Setting score to win to 0 crashes the app

Solution - Setting the score to zero would crash the app. Now, it means no winner, ie. play forever. Also, adding a checkbox to make that clearer.

65. <https://github.com/nolanlawson/Catlog/issues>

Installs: 500,000 - 1,000,000 Updated: February 8, 2015

#17 - Cannot stop recording on JellyBean

Solution – check build version and handle accordingly

66. <https://github.com/grzegorzmittner/chanu/issues>

#180 - Gallery crashes going in and out of photo view on thread

Solution – change implementation

#171 - Board selector crashes frequently on galaxy tab and sometimes on other galaxy devices

Solution - board selector reimplementatation

#140 - Opening camera twice in post reply task crashes the camera and it won't work even outside 4chan

Solution – change implementation

#134 – Full Screen Galley View is crashing frequently. OutOfMemoryError

Solution - calling recycle on the bitmap object when the activity is paused

#101 - 4channer spiking CPU in the background

Solution - cleaned up lots of global alarm code, optimized widget caching

#93 - Clicking on next or prev button in full image view crashes

Solution - multiple calls to unregister receiver. Check null before unregister and handle exception

#73 - Got a whole bunch of these exceptions loading a board and then boom crashed. NPE

Solution - fixed by handling boards better when error is received

#2 - Board selector crashes when quickly scrolling between board types. OOM

Solution – change implementation

67. <https://github.com/kostmo/chartdroid/issues>

Installs: 10,000 - 50,000 Updated: November 22, 2010

#1 - Android Market Income App Crashes

Solution - I've uploaded a new version to the market that falls back to the alternate date format

68. <https://github.com/clementine-player/Android-Remote/issues>

Installs: 100,000 - 500,000 Updated: September 14, 2016

#110 – NullPointerException when starting Android-Remote

Solution – check null. Make sure menu items are instantiated before updating them.

#108 – Crash in the Android remote when clicking on "Set download folder" in settings.

NullPointerException

Solution – check null

#51 - Crashes when invalid Port is entered in preferences.

Solution – check port bound and handle exception

#13 - Large playlist crashes clementine remote during data download. OOM

Solution - For devices >= 3.x there is an option to get more memory. I added it in the version

69. <https://github.com/heruoxin/Clip-Stack/issues>

Installs: 100,000 - 500,000 Updated: August 12, 2016

#26 - App Crashes on first run in an android emulator. NullPointerException

Solution – check null

70. <https://github.com/philliphsu/ClockPlus/issues>

Installs: 1,000 - 5,000 Updated: March 7, 2017

#11 - setting alarm makes clock+ crash android7.0

Solution - Changing the "time picker style" from "grid selector" to "system default" seems to fix this

71. <https://github.com/Floens/Clover/issues>

#319 - ThreadStatusCell crashes with a NPE for a ChanThread method.

Solution – null check

#239 - Changing the save location crashes.

Solution - Navigate to public storage root if the Clover folder doesn't exist yet.

#181 - Using some filters with double quotes will crash Clover

Solution - Remove the quotes from the text not the regex.

#127 - App crashes when swiping partially loaded images

Solution - Take special care when removing VideoViews to call stopPlayback

#126 - Frequent freezes after the last beta update

Solution – change implementation

#102 - crashes if there's text in the pattern test box and no text in pattern

Solution – null check

#101 - FC typing " or } into filter pattern if it's the only character

Solution - Escape }

#15 - Crashes When Image Album Downloads

Solution - This is fixed by not using the DownloadedManager for album downloads in v2.x

72. <https://github.com/commons-app/apps-android-commons/issues>

Installs: 10,000 - 50,000 Updated: June 8, 2017

#672 - Crash in Nearby page because of empty list

Solution – null check

#668 - Crash when gallery image is shared with the Commons app

Solution – change image view

#614 - Crash: Fragment State loss exception. IllegalStateException: Can not perform this action after onSaveInstanceState

Solution – on pause cancel async task

#607 - Prevent running out of memory for older and slower devices

Solution - set the recent upload limit to 50 and the app didn't crashed.

#506 - Beta version crashes: Unrecognized license value

Solution - Keep obsolete license values to prevent crash after upgrade

#443 - Crash at login (pre-release). IllegalArgumentException: account is null

Solution - Revert login-breaking commit. Getting current account handled differently.

#426 - App crash issue: NPE in ModificationsSyncAdapter

Solution – check null

#413 - Something wrong with new Share Button. NullPointerException

Solution – check null

#393 - Downloading files crashes if don't already have storage permission

Solution - Check for external storage permission before downloading. API>23

#326 - Resources\$NotFoundException - issues with Korean translation?

Solution – fix Korean language translation in resource file

#283 - NullPointerException: Crash when back button pressed if NearbyList has not finished loading

Solution – override onDestroy() and handle nearbylist gracefully

#197 - Failure delivering result ResultInfo{ data=null} to activity {ContributionsActivity}:

java.lang.NullPointerException

Solution – check data null condition in onActivityResult

#187 - Gallery crashes when selected after manually revoking storage permission

Solution – runtime permission

#164 - "Take photo" action fails to save and upload photo on Android 6 (API 23)

Solution – catch security exception

#146 - CursorIndexOutOfBoundsException: Index 0 requested, with a size of 0

Solution – check cursor has a value before reading the cursor

#133 - SSLPeerUnverifiedException: No peer certificate in PrefixUpdater.java

Solution - Return empty list if SSLException (under IOException)

#117 - Uploading from SD card does not work with API 23+ permissions

Solution – runtime permission

#114 - Crashes when no email client is installed

Solution – catch ActivityNotFoundException

#109 - NullPointerException in ShareActivity

Solution – check null

#106 - App crashes upon opening image. Resources\$NotFoundException

Solution – Update strings.xml. Add support for viewing photo's CC-BY-4.0 and CC-BY-SA-4.0 licenses.

#87 - App crashes when uploading from 'Share' in gallery (if not logged in) NPE

Solution – catch exception

#41 - App crashes when not using English. UnknownFormatConversionException
Solution – Fixed corrupt strings.

73. <https://github.com/connectbot/connectbot/issues>

Installs: 1,000,000 - 5,000,000 Updated: February 21, 2017

#493 - StringIndexOutOfBoundsException when generating public keys under Traditional Chinese locale

Solution - prompt messages without spaces

#489 - FCs when connecting

Solution - Work around for a bug in the accessibility framework

#466 - Crash in 1.9.0 rollout. IllegalArgumentException

Solution – Ignore (return) in case of invalid virtualViewID

#411 - NPE in Relay found during test run

Solution - The accessibility buffer can be final to avoid having to do null checks all over the place.

#385 – Race condition HostListActivity menu inflation pulls from service - NullPointerException / App crash

Solution - Check whether the service is bound when preparing menu

#249 - GeneratePubkey view crashes on older APIs

Solution - Change getColor call that crashes on pre-APIv14

#193 - Issue 5.1.1 and lower. NoSuchMethodError: No virtual method setTextAppearance

Solution - Go back to old context-using setTextAppearance call

#151 - FC while connecting on 4.3

Solution - Remove reference to grantpt

#62 - Port range is not checked in Telnet transport. IllegalArgumentException: Port out of range

Solution – check port range

74. <https://github.com/siacs/Conversations/issues>

Installs: 10,000 - 50,000 Updated: May 31, 2017

#2131 – application crash when trying to create contact. NullPointerException

Solution – check null

#2061 - You can crash Conversations with an OMEMO device, sid, or rid > 2^31-1

Solution – catch exception

#1934 - Exception & crash while decoding omemo message. IllegalArgumentException

Solution – trim content while passing into decode(content). Also handle exception

#1861 - Crash when deleting an online account

Solution - disconnect account in background after deletion.

#1859 - Crash while activating account in the morning. NullPointerException

Solution – don't NPE on rare race condition while fetching MAM. check null

#1692 - java.lang.ArrayIndexOutOfBoundsException

Solution – catch broader exception

#1576 – Conversations crash logs. NullPointerException

Solution – check null

#1568 - Conversations crashes instantly after PGP-Key was assigned, NullPointerException

Solution - PgpEngine: Get account from conversation instead of from contact

#1384 - Conversations crashes upon opening when installed as system app

Solution - upgrade to signal-protocol-java.

#1323 - Crash when clicking a picture while there's no gallery App

Solution – query package manager

#1243 - app crash after opening a conversation. IndexOutOfBoundsException

Solution – check for empty file

#1204 – Crash on failed account registry. NullPointerException

Solution – check null

#1188 - Crash when inviting some contact into a MUC. NPE

Solution – handle conference invites differently to deal with killed activities

#1168 - Last action crashes Conversations if no intent is installed

Solution - clean up in attachment chooser code.

#1151 - Conversations crash after add a new account

Solution - hard code bitmap configs

#1039 - Crash when trying to delete an OTR key. StringIndexOutOfBoundsException

Solution – check bound

#839 - Conversations crashes after scanning QR-Code

Solution – change implementation

#816 - Crash on TLS Connection, NPE

Solution - refactor switchOverToTls stuff

#655 - Use of method from API 17 isDestroyed()

Solution – remove the call

#564 - crash on sending Image

Solution – change implementation

#525 – Error during Startup. NullPointerException

Solution – check null

#268 - Conversations crash in cianogenmod 10 (android 4.0.4) htc wildfire 320x240 display.(reopen)

Solution – change resource file location

#201 - Occasional crash on reconnect, sometimes leading to lost messages. NullPointerException

Solution – remove the code

#184 – Sending PGP encrypted messages with high rate (~2 per second) crashes Conversations.

NullPointerException

Solution – add code which set not null value

#136 - Conversations crash in airplane mode.

Solution – change implementation

#113 - PGP without internet access. NullPointerException in "displayInfoMessage()"

Solution – remove the code

#105 - When i try to send a non-image Fileformat (.mp4) conversations crash.

Solution – handle error condition

#9 - Crash while joining a muc room. ConcurrentModificationException

Solution – Change the code which requires concurrent modification

75. <https://github.com/zostay/CPAN-Sidekick/issues>

#12 – NPE while processing module results

Solution – check null

#11 - Timer cancellation is being performed out of order during Gravatar fetch

Solution - Disable the Gravatar took too long exception

76. <https://github.com/CriticalMaps/criticalmaps-android/issues>

Installs: 10,000 - 50,000 Updated: July 2, 2017

#42 – ExceptionInInitializerError. There's an exception thrown in the http stuff, but there is no Handler bound to the worker thread that provides output to System.err required for e.printStackTrace. Can't create handler inside thread that has not called Looper.prepare()

Solution - AsyncTasks must be started from the UI thread and as of JELLYBEAN this is automatically taken care of. Since we're running it from a TimerTask - which is a separate thread - we have to take care of this ourselves for devices running ICS and lower.

77. <https://github.com/arkon/CDFLabs/issues>

Installs: 100 - 500 Updated: April 16, 2017

#27 - Crash when refreshing from locations tab

Solution – check whether the fragment is added

#11 - Better handle data fetching errors

Solution - Show error message if there's an issue fetching the data

#10 - Crash when scrolling back up in printers tab

Solution – change implementation. Null check

78. <https://github.com/cSploit/android/issues>

#612 - Crash when try to find exploits on my router. NullPointerException

Solution – check null

#372 - Force close app and MAC recognition problem

Solution – change implementation

#350 - NullPointerException: Attempt to invoke interface method 'int java.util.Collection.size()' on a null object reference

Solution – check null

#327 - Crash while searching for exploits. The problem is that we fire a RuntimeException intentionally when we find an unknown option, so we force to close the app

Solution – add catch block to handle exception

#309 - Core 1.0.7 Update Crashed msrpc

Solution – change value range

#306 - NPE/crash getting exploit list

Solution – check null

#287 - Connection to the MSF RPC daemon FAILED! NPE

Solution – change logic

#281 – null exception when using the modules and the wifi connectivity goes down

Solution – pass current activity context in checkNetworking()

#280 - Crash at startup with dark theme. NoSuchMethodError: android.view.View.setBackground

Solution – Use setBackgroundResource instead of setBackground

#265 - RuntimeException: Can't create handler inside thread that has not called Looper.prepare()

Solution – run toast in UI thread

#118 - CSpoit are crashed if u open traceroute.

Solution - fixed some primitive to Java conversion.

#90 - new 1.4.3 update crash. NullPointerException

Solution – reorder object instantiation. mKnownIssues = new KnownIssues(); in System.java needs to go before mTools = new ToolBox();

#41 - startup crash

Solution - caused by the hundreds of sockets opened by the network discovery. will fix with the network-monitor utility.

#4 – can not run. ExceptionInInitializerError. java.lang.UnsatisfiedLinkError: Cannot load library

Solution – load required library

79. <https://github.com/cyclestreets/android/issues>

Installs: 50,000 - 100,000 Updated: October 24, 2016

#118 - Cyclestreets app crashes on start. NullPointerException

Solution – change url from http to https

80. <https://github.com/Diaspora-for-Android/dandelion/issues>

#139 - Dandelion crashes when uploading image to post

Solution – remove the code

#99 - App crashes on API 17 on startup (Related to vector graphics). Resources\$NotFoundException

Solution – for vector resources, set AppCompatDelegate.setCompatVectorFromResourcesEnabled(true);

#65 - Splashscreen images consume massive memory

Solution - Update design

81. <https://github.com/romannurik/dashclock/issues>

Installs: 1,000,000 - 5,000,000 Updated: May 11, 2016

#853 - Crash on Settings screens orientation change. NullPointerException. The reason is that on orientation change in Activity's onCreate method, it recreates the Fragment. Which calls setupSimplePreferencesScreen on the Activity. When that is called, the line which initialize the mFragment instance is not called yet.

Solution – initialize fragment in onAttachFragment()

82. <https://github.com/czlee/debatekeeper/issues>

Installs: 10,000 - 50,000 Updated: November 24, 2016

#22 - App crashes on screen rotation in any non-prep timer

Solution – reorder the code

83. <https://github.com/r10s/deltachat-android/issues>

#26 - Delta crashes with mail-account by strato

Solution - Do not use fetch_result on errors - even if set

84. <https://github.com/voidcode/Diaspora-Webclient/issues>

Installs: 10,000 - 50,000 Updated: April 6, 2012

#10 - java.lang.NullPointerException

Solution – null check

85. <https://github.com/julian-klode/dns66/issues>

#58 - Crashes and will not start on boot.

Solution - Do not crash if activity did not run earlier. The code here was reading MainActivity.config, which was set by MainActivity. Just load it as we do in the thread code for now.

86. <https://github.com/SufficientlySecure/document-viewer/issues>

Installs: 500,000 - 1,000,000 Updated: November 23, 2016

#191 - Crashes on startup with Android 7 (Nougat)

Solution - Work around crash on launch on API 24: new File("/").listFiles() returns null. Null check

87. <https://github.com/domogik/domodroid/issues>

Installs: 1,000 - 5,000 Updated: February 25, 2017

#137 - crash if mq adress is invalid

Solution - check MQ adresse before starting to listen MQ

#113 - Wheather plugin crash

Solution – change implementation

#107 - Start in map then back home bug

Solution - change implementation

#106 - Start directly on map

Solution – refactor code

#66 - Map crash if eventmanager die

Solution - correct map crash with no more events running. Change logic

#41 - Graphical crash in 0.4

Solution – catch exception

88. <https://github.com/agwells/dotdash-keyboard-android/issues>

Installs: 10,000 - 50,000 Updated: December 12, 2015

#17 - java.lang.NullPointerException:

Solution – catch broader exception

#8 - Crashes on startup in 2.1 and earlier

Solution – catch exception

89. <https://github.com/SimpleMobileTools/Simple-Draw/issues>

Installs: 10,000 - 50,000 Updated: June 23, 2017

#52 - Crash when saving

Solution - properly handle runtime permission

90. <https://github.com/rastating/DroidBeard/issues>

Installs: 10,000 - 50,000 Updated: February 23, 2017

#16 - App crashes when opening a fragment whilst another is loading

Solution - Fixed a crash caused by callbacks being triggered after activities are destroyed. Check activity exists

#27 - Restarting from DroidBeard fails after changing HTTPs settings in Sick Beard

Solution – change implementation. Catch exception

91. <https://github.com/trishika/DroidUPnP/issues>

Installs: 10,000 - 50,000 Updated: June 4, 2016

#25 - Crash when immediately selected fresh discover content directory and browsing (auto for tablet).

IllegalArgumentException: Action can not be null

Solution – checking a condition before performing the condition dependent task. device.isFullyHydrated()

92. <https://github.com/daneren2005/Subsonic/issues>

Installs: 10,000 - 50,000 Updated: April 26, 2017

#739 - Corrupted album art crashes the app. NullPointerException

Solution – catch exception

#725 - Crash When Changing Playback Speed With No Songs

Solution - Don't set playback params before mediaPlayer ready

#504 - Crash when trying to view albums alphabetically from home

Solution - Fix crash when coming across album with no album. Change implementation

#459 - Refresh on Empty Podcast Channel – Crash. ArrayIndexOutOfBoundsException

Solution – check null condition on attributes before accessing

#345 - Crashes when device rotated during adding songs to playlist or playlist creation.

Solution - Rework folder button to not be called after setAdapter

#197 - Crashes in 4.4

Solution - RemoteControlClient recycles bitmaps on it's own. Check build version and copy bitmap.

#181 - If you try to use the context menu for the first fragment when two are open, the app will crash.

Solution – change logic

93. <https://github.com/shymmqlibrus-client/issues>

Installs: 1,000 - 5,000 Updated: May 19, 2017

#119 - Application crashes during start (progress 0%)

Solution - Handle disabled lucky number as an error message

#112 - App crashes after clicking on Announcement header. ClassCastException

Solution – check instance of

#111 - Apparently some lessons can have empty hourFrom and hourTo. It causes app crash

Solution - Made lesson's hourFrom and hourTo optional.

#104 - Parent account crashing. RuntimeException: Request to URL

<https://api.librus.pl/2.0/LuckyNumbers> failed

Solution – handle the case without throwing RuntimeException

#50 - Crash when entering to timetable. NullPointerException

Solution – change support library class

94. <https://github.com/pklinken/Earmouse/issues>

Installs: 500 – 1,000 Updated: June 25, 2016

#8 - Earmouse 1.2 crashes on startup. NullPointerException

Solution – check null

95. <https://github.com/renyuneyun/Easer/issues>

#13 - Missing permission for Bluetooth

Solution – add missing permission

96. https://github.com/T-Rex96/Easy_xkcd/issues

#98 - Crashes always when accessed from widget. NullPointerException

Solution – check context is not null

#66 - Pressing the random-FAB in the favorites overview mode causes ArrayIndexOutOfBoundsException:

Solution – check some condition then handle the random bumper

#57 - Pressing Go to bookmark when in the favorite list overview crash the app

Solution – override onPrepareOptionsMenu and set visibility

#12 - OutOfMemory Exception when selecting too many favorites

Solution – handle bitmap properly

#8 – High memory usage causes OutOfMemoryError

Solution - The OfflineComic objects hold a direct reference to the comic image. The method getBitmap() returns this image. Instead the offline comic should just return a reference to the bitmap but not hold a reference itself, so that the bitmap can be garbage collected.

97. <https://github.com/vanitasvitae/EnigmAndroid/issues>

#4 - crashes if the user inserts a number. IllegalStateException: Could not execute method of the activity

Solution – check for only alphabet. No number or special character

98. <https://github.com/Nutomic/ensichat/issues>

Installs: 500 – 1,000 Updated: September 27, 2016

#56 - App crash on start. Resources\$NotFoundException

Solution – upgrade support library

#3 - App keep crashing

Solution - Fixed crash on start if Bluetooth is disabled

99. <https://github.com/mannd/epmobile/issues>

Installs: 50,000 - 100,000 Updated: September 19, 2016

#20 - ActionBar crash

Solution - Honeycomb version 11 does not show title bar (has custom title bar, so getActionBar() returns null. Added test for null.

100. <https://github.com/jamienicol/episodes/issues>

#32 - Version 0.9 crashes on Android 4.0.4. NoSuchMethodError: getMinimumHeight

Solution - don't use View.getMinimumHeight() It's only available in API level 16 onwards.

Instead use View.getSuggestedMinimumHeight().

101. <https://github.com/EvanRespaut/Equate/issues>

Installs: 10,000 - 50,000 Updated: May 4, 2017

#14 - Crash when updating "Currency". NPE

Solution - Yahoo seems to be sometimes adding empty elements into the XML. The new code will ignore them and the old code breaks when it sees them.

102. <https://github.com/Etar-Group/Etar-Calendar/issues>

Installs: 10,000 - 50,000 Updated: June 24, 2017

#176 - Etar is crashing.

Solution – implement runtime permission.

#155 - NoSuchMethodError: No virtual method setExactAndAllowWhileIdle

Solution – check build version and handle accordingly

#104 - Search crashes the app - running 6.0.1 Marshmallow

Solution – null check

#102 - Prevent NPE in Search and Select Calendar Activity

Solution – check null on getSupportActionBar()

#43 - Support Android 6.0.1 / CM13.0? SecurityException

Solution - permission request in Android 6.0.1

#22 - FC when selecting Quick Response tab. IllegalArgumentException: Invalid fragment for this activity

Solution - ensures that the QuickResponseSettings fragment is a valid fragment to be attached to this activity.

#12 - FC under Marshmallow when selecting "Home time zone" in General Settings. ClassCastException

Solution - this issue occurs because in SDK 23 TimeZone.mTransition is now long[]. Update timezone and Change android version name

103. <https://github.com/RCasatta/EternityWallAndroid/issues>

Installs: 100 - 500 Updated: October 14, 2016

#62 - Crash when sending founds

Solution – change logic

104. <https://github.com/etesync/android/issues>

Installs: 50 - 100 Updated: May 16, 2017

#10 - NPE when clicking on new calendar

Solution – check null

105. <https://github.com/gianluca-nitti/android-expr-eval/issues>

#4 - 1.1 crashes on startup on a Jelly Bean tablet too, while on Android 6.0+ phones and emulators everything works fine.

Solution – update build tools specified in the gradle configuration.

106. <https://github.com/indywidualny/FaceSlim/issues>

#153 – Crash: messages tab. ActivityNotFoundException

Solution - A webview client tried to handle it as an external url and was sending an intent to view the link with a different app. users don't have facebook messenger installed to open this specific Uri scheme so the right activity couldn't be found by the system. Now I'm simply catching it to ignore the problem.

107. <https://github.com/btmura/rbb/issues>

#288 - Crashing on 4.4. NullPointerException

Solution – check null

#231 – Crash when tapping on a link. NullPointerException

Solution – remove null argument when getting fragment instance

#193 - Crash when voting in messages activity. IllegalStateException

Solution - don't show voting arrows for messages

#168 - NPE in LinkFragment

Solution – check null url for webview

#161 - Deleting the header comment causes it to disappear and then crash after

Solution - Mark the header comment or comment with children as deleted instead of completely removing it.

#140 - Touch exception in ThingView. NPE

Solution – null check

#115 - ArrayIndexOutOfBoundsException in ThingSyncAdapter

Solution – change logic

#90 - GlobalMenuFragment NPE exception for searchItem

Solution – null check

#62 - NPE in SubredditSyncAdapter#initializeAccount on configuration change

Solution - use application context in retained frags

#61 - No view found exception triggered by SubmitLinkActivity. IllegalArgumentException

Solution - Some suggestions on the net include making sure ids are unique in the app. Other layouts had a merge tag so copy that to maybe fix the problem in SubmitLinkActivity.

#42 - Clicking on voting arrows for pending comments causes background exception

Solution - make pending comments unvotable

108. <https://github.com/gabm/FancyPlaces/issues>

Installs: 100 - 500 Updated: June 25, 2015

#1 - Crashes immediately on CyanogenMod 11 KitKat 4.4.4

Solution - fix for compatibility on older devices <API21. Replace getDrawable with getResources().getDrawable

109. <https://github.com/codebutler/farebot/issues>

Installs: 100,000 - 500,000 Updated: August 11, 2013

#26 - Clipper card stopped working

Solution - Fix endless loop when reading certain Clipper cards.

110. <https://github.com/ligi/FAST/issues>

Installs: 10,000 - 50,000 Updated: August 21, 2016

#69 - Transparent dark background crashes on 6.0. Resources\$NotFoundException

Solution - write the style.xml in the old way

111. <https://github.com/SimpleMobileTools/Simple-File-Manager/issues>

Installs: 10,000 - 50,000 Updated: June 21, 2017

#64 - Crash when write or delete file or folder on external SD card

Solution - ask for SD card write permission at creating new items

#26 - The app closes while you rename or delete a folder on the SD card

Solution - change implementation

112. <https://github.com/fenimore/fissure-android/issues>

Installs: 100 - 500 Updated: September 17, 2016

#14 - View Activity Crashes on rotate if no gif is loaded

Solution - check savedInstanceState.getString("tmpFileUri") != null

113. <https://github.com/mysociety/fixmystreet-mobile/issues>

#121 - crash on file save

Solution - Scale photos to roughly 3 MP. This should both stop issues with memory on phones and also reduce upload size.

114. <https://github.com/happyalu/Flite-TTS-Engine-for-Android/issues>

Installs: 10,000 - 50,000 Updated: January 5, 2016

#44 - Crash on Android 5.1

Solution - in addition to the "-" that it was using before. I've switched the voices.list file to now use ";" as the separator within variants of languages, and that seems to have fixed the crash.

115. <https://github.com/jonan/ForkHub/issues>

#231 - Scrolling a gist left and right doesn't work. Sometimes it makes the app crash.

Solution - Disable non-material zoom buttons and enable double tap to zoom

#116 - Crash in Froyo when opening an issue

Solution - Don't load issue images in Froyo as it crashes the app. OkHttp doesn't support Froyo, so we can't use it for loading images.

#48 - App crashes on certain repo issues

Solution - Fix crash when GitHub returns a null commit in a 'referenced' event. Null check

116. <https://github.com/fossasia/open-event-android/issues>

Installs: 100 - 500 Updated: March 16, 2017

#1727 - App Crash on selecting a speaker from the speakerslistfragment

Solution - use proper context

#1713 - App crash on selecting a track in the track fragment and location in location fragment
Solution – use proper context

#1711 - Unknown pattern character 'X' error in ISO8601Date
Solution - The Android version of SimpleDateFormat doesn't support the X pattern so XXX won't work.
Add new DateUtils fixing local and event dates.

#1689 - App crashing in offline state
Solution - Update local json with new date format and add verbose logging

#1620 - NullPointerException in SpeakerResponseProcessor.java
Solution - Handles the exception by using an if statement to execute the speaker's session for loop only when the session's array list is not empty.

#1613 - App crashes on attempt to view sessions from locations
Solution - Adding remaining lambda conversions to fix crashes

#1606 - App generated using api endpoint is crashing on starting. NPE
Solution - Added methods for downloading event data and saving it in temp assets directory. Which is then being moved to assets folder of app. So that event file is available in assets folder which fixes issue.

#1517 - NullPointerException on thumbnail parsing
Solution – check null

#1504 - App Crash on Network State Change. NullPointerException
Solution – Add null checks of network type name. Implement onError if still something fails

#1479 - App crashes when device connected to network but internet is not working in
DayScheduleFragment
Solution - Check if view is null when calling snackbar.make() and if view is null use swipeRefreshLayout

#1409 - App crashing when first time running app without latest schedule in ScheduleFragment. NPE
Solution – check null

#1404 - App Crashed While Opening The EventList of Bookmarks , Tracks Sections. SQLiteException
Solution – Upgrade the DB version

#1389 - App crashes if map is selected from nav drawer. IllegalStateException: The specified child already has a parent. You must call removeView() on the child's parent first.
Solution – do not attach inflated hierarchy to the root inflate(R.layout.fragment_map, container, false)

#1312 – App crashing in SpeakersDetail Activity. NPE
Solution – check null

#1311 - On clicking schedule app crashes. NullPointerException
Solution - Download data on mobile network by default rather than wifi

#1302 - App is crashing in map fragment. NullPointerException
Solution – check null

#1260 - App crashing due to runtime OutOfMemory error
Solution - Added 2 properties in AndroidManifest.xml file. android:hardwareAccelerated="false", corresponds to that every window created from activity will be hardware accelerated which has set to false. android:largeHeap="true", request that our application's processes be created with a large Dalvik heap.

#1202 - App Crashing. NullPointerException
Solution – remove the code which throw null

#1176 – App crashing when on data connection. CursorIndexOutOfBoundsException
Solution – check cur != null && cur.moveToFirst()

#1169 – App getting crashed on slow internet. NPE
Solution – check null

#1067 – Runtime exception leading to app crash when another app is launched over it. Performing stop of activity that is not resumed
Solution – Override onRestoreInstanceState and get state from savedInstanceState

#1038 – Onclicking the Sponsors in navigation drawer the app is getting crashed. NPE

Solution – Replace the argument which returns null

#849 - The app crashes whenever it is refreshed in no InternetState in all fragments.

Solution - handle no InternetState

#847 – App crashes when the tracks fragment is swiperefreshed in no Internet state. NPE

Solution – Handle no internet state in tracksfragment. check null

#806 – App crashes in DayScheduleFragment. NPE

Solution – check null

#720 – NPE. App crashing if internet is off

Solution – check null

#715 – App crashing. NPE

Solution – register and unregister fragment properly

#667 - App crashes on refreshing if no API link was provided

Solution - added JSON validations while parsing.

#638 - App crashing on schedules. IndexOutOfBoundsException

Solution – define timezone

#540 - App crashes pre-lollipop. Resources\$NotFoundException

Solution – change style to support action bar

#439 - App crashes when a bad API URL is entered

Solution - check for the URL while reading the json config and then throw errors if required.

#428 - App crashes when share tracks fab pressedInstantiationException: Services.BookmarkAlarmService has no zero argument constructor

Solution – call super on service

#182 - Clicking on speaker social profile with no link results in app crash

Solution – null check

#121 – App crashing on scrolling for long time on the speaker's list. NPE

Solution – check null

#117 - Location option in the drawer is not working in offline mode

Solution – null check on context

#88 - App crashes when refreshing on no Internet connection

Solution - for every onRefresh(),its will clear the tables only when we have completed fetching that data else retain it.

#84 - App Crashing on bookmarking any session

Solution – call super with null

#80 - App crashes if trying to access data after refresh done while internet not available

Solution – check network connection and act accordingly

#70 - When I bookmark an already bookmarked event, the app crashes.

Solution – check if already bookmarked

117. <https://github.com/freeotp/freeotp-android/issues>

Installs: 100,000 - 500,000 Updated: January 25, 2016

#47 - Crash at startup on Lollipop: the key must be an application-specific resource id.

IllegalArgumentException

Solution – replace key with a resource id

118. <https://github.com/knilch0r/freeshisen/issues>

Installs: 10,000 - 50,000 Updated: March 25, 2017

#6 - java.lang.NullPointerException

Solution - check for null before accessing board.

119. <https://github.com/WIStudent/FreifunkAutoConnectApp/issues>

#12 – FusionLocationApi.getLastLocation returning null causes the app to crash

Solution - Replace Google Play services location with lost.

#2 - App crashes if screen is rotated while progress dialog is shown

Solution - AsyncTasks were replaced with ServiceIntents

120. <https://github.com/caarmen/FRCAndroidWidget/issues>

Installs: 5,000 - 10,000 Updated: March 11, 2017

#33 - Crash when showing notification: honeycomb + ics. NoSuchMethodError:

android.app.Notification\$Builder.setLocalOnly

Solution – remove method

121. <https://github.com/ppareit/swiftp/issues>

Installs: 1,000 - 5,000 Updated: June 21, 2017

#82 - crashes when folder path not available

Solution - If the selected folder is not available, it switches to the internal storage.

#22 - The "prefix" argument in File.createTempFile must be at least 3 characters. If the "prefix" argument is less than 3 characters, File.createTempFile will throw java.lang.IllegalArgumentException.

Solution – make sure that the name > 3 chars

122. <https://github.com/jp-bennett/fwknop2/issues>

#23 – crash with no ssh app. ActivityNotFoundException if there is no app to handle an ssh uri

Solution – catch exception and show error msg

123. <https://github.com/Freeyourgadget/Gadgetbridge/issues>

#603 – NPE

Solution – check null

#533 - ClassCastException: java.lang.Long cannot be cast to java.lang.Integer

Solution - Iterate over incoming extra keys, explicitly check the incoming type and use only known type.

#364 - IllegalArgumentException: preparing single fw not allowed for 1S

Solution – make to recognize certain hwVersion

#346 - NPE in settings when last known position is null

Solution - Properly acquire network location if last location is not known. A toast will be shown if the network location provider is disabled.

#182 – SecurityException: Permission Denial: opening provider.contacts.ContactsProvider2 from

ProcessRecord requires android.permission.READ_CONTACTS or android.permission.WRITE_CONTACTS

Solution - Catch security exception if contacts can't be read on Android 6.0

#175 - SecurityException: Permission Denial: opening provider com.fsck.k9.provider.MessageProvider

requires com.fsck.k9.permission.READ_MESSAGES or com.fsck.k9.permission.DELETE_MESSAGES

Solution - Catch permission errors in K-9 Mail receiver and show msg to users

#167 – NPE

Solution – check null

124. <https://github.com/murraycu/android-galaxyzoo/issues>

Installs: 5,000 - 10,000 Updated: June 26, 2017

#31 - VerifyError: Rejecting class com.murrayc.galaxyzoo.app.j because it failed compile-time verification

Solution – revert back to jdk1.8 from jdk 1.7

#21 - Crash with CONNECTIVITY_CHANGE: "Error receiving broadcast Intent". IllegalStateException: Can not perform this action after onSaveInstanceState

Solution - Avoid using fragment transactions after onSaveInstanceState(), by delaying it until onResumeFragments

#20 – Crash in getAccountLoginDetails() during uploadOutstandingClassifications(). NPE

Solution – check null

#19 - Crash while loading translations. NullPointerException: asset

Solution - Singleton: Avoid re-using an InputStream. Instead re-open it.

#16 – Crash in getShowDiscussQuestionFromSharedPrefs() from abandonItem(). NullPointerException

Solution – check null on sharedPreferences

#15 – Crash: java.util.ConcurrentModificationException

Solution - Return copies of lists and copy lists in constructors. This is to avoid concurrent changes when, for instance, the answers List changes while we are iterating over it.

125. <https://github.com/SimpleMobileTools/Simple-Gallery/issues>

Installs: 100,000 - 500,000 Updated: June 29, 2017

#194 - App does not ask for permissions when never opened, but opening image from simple file manager

Solution – runtime permission

#50 - Silent crash when deleting photos on an external SD card

Solution - make sure we have SD write permission before deleting a folder

126. <https://github.com/urandom/gearshift/issues>

#1 - Opening a torrent file via intent causes a crash

Solution - Point to the proper theme

127. <https://github.com/geopaparazzi/geopaparazzi/issues>

Installs: 10,000 - 50,000 Updated: June 21, 2017

#404 - Error on select basemap on android 5.0.1. ArrayIndexOutOfBoundsException

Solution – change android:pathData value

#219 - Crash with enquiry on Spatialite layer with null attributes. NPE

Solution - SpatialVectorTable.getTableFieldType(fieldname) will return the determined (and cleaned up) datatype

#154 - mapurl import not filtering

Solution - This was happening because the resulting string was too large to pass it through activities bundles. So right now this is saved on disk and then read back from the list activity.

#20 - add mock locations check to avoid crash in demo mode

Solution - check on mockj locations to avoid crash

128. https://github.com/ruleant/getback_gps/issues

#161 - app crashes on tablet with Android 4.4 (Kitkat) when opening settings activity. RuntimeException: Subclasses of PreferenceActivity must override isValidFragment(String) to verify that the Fragment class is valid!

Solution – override isValidFragment

#93 - app crashes when opening settings on Nexus 10

Solution - don't use placeholder, use full package name/classname instead. add general preferences to fragment

#56 - app crashes when using back button on top of About Activity

Solution - remove NavUtils for home button

#10 - incorrect stored longitude/latitude crashes app. Android bug

Solution - Location.convert(String) is localization independent, so it throws an exception when a parameter contains a "," instead of a "." as decimal separator. Changing the local to US, converts the double to a string with a "."

129. <https://github.com/n8fr8/gilgamesh/issues>

#14 - Direct message to yourself crashes the app

Solution - clean up direct messaging logic fixes

#13 - Crash when starting service. AndroidRuntimeException: Calling startActivity() from outside of an Activity context requires the FLAG_ACTIVITY_NEW_TASK flag.

Solution – add flag

130. <https://github.com/pockethub/PocketHub/issues>

Installs: 10,000 - 50,000 Updated: June 2, 2017

#1084 - App Crashes While Loading the README of Repository

Solution - Removing blockingGet() calls. The fix for this is to stop using Observable.create and instead use the actual Single/Observable which is returned by Retrofit.

#995 - Crash on Android 4.4.4 Vector WelcomeActivity. Resources\$NotFoundException: File res/drawable/ic_arrow_right.xml from drawable resource ID

Solution - You need to change the ImageButton's android:src="@drawable/ic_arrow_right" attribute to app:srcCompat="@drawable/ic_arrow_right" when you use vector on devices below api 21.

#988 - Crash when editing an issue-comment

Solution - Updated github sdk version.

#892 - Long Click in news page Crash

Solution - Changed event repo convert utils to return a new repo

#775 - Crash in gist's "all tab", NullPointerException

Solution - replace (url == null) with (TextUtils.isEmpty(url))

#513 - app terminated unexpected - out of memory

Solution - Scale down avatar images to save memory.

#60 - crash after adding issue

Solution - Guard against issue missing repository or owner

131. <https://github.com/Glucosio/glucosio-android/issues>

Installs: 10,000 - 50,000 Updated: June 3, 2017

#320 - Crash with 1.3.0. StringIndexOutOfBoundsException

Solution - remove the code substring()

#234 - decimal point in a1c calculator causes crash. NumberFormatException

Solution - change the expression to (isValidDouble(value))

#62 - IllegalStateException: ActionBarContextView can only be used with android:layout_width="match_parent" (or fill_parent)

Solution - Override methods of android.view.ActionMode.Callback and return false

132. <https://github.com/ligi/gobandroid/issues>

Installs: 100,000 - 500,000 Updated: May 29, 2017

#191 - Undoing a pass crash

Solution - null check

#148 - Score count can crash the app

Solution - I completely rewrote the cell-gatherers which had the problem

#120 - gnugo AI crash if keep put stones when AI is not return

Solution - synchronized process when gnugo AI is thinking

133. <https://github.com/mendhak/gpslogger/issues>

Installs: 500,000 - 1,000,000 Updated: June 10, 2017

#430 - OpenGTS - too many requests results in "unable to create application data" crash

Solution - The app has default 5 background requests going at a time, I've reduced this to 1.

#302 - Application Crashes

Solution - Handling phones without external storage, and locked down to specific directory paths

#69 - Logger stops responding while in background

Solution - the culprit for the non-responsiveness was the way in which the files were being written. I had changed the file to be written using DOM which loads the entire file into memory. I have changed it back to the way it used to be - writing directly to disk.

#58 - GPSlogger stops on ZTE Blade

Solution - added error handling

134. <https://github.com/greenaddress/GreenBits/issues>

#161 - Greenbits 1.91 crashed two times

Solution - Don't attempt to load transactions in fragment if we are being restored without an activity, service or view

#47 - Crash on opening camera if clicking back - Tested on v1.54/v1.55

Solution – null check on activity

135. <https://github.com/wbrenna/GTFSOffline/issues>

Installs: 100 - 500 Updated: March 9, 2016

#8 - When no Location can be found, app crashes

Solution – validate location

#15 - Null Pointer Exception moving DB

Solution – null check

136. <https://github.com/mpiannucci/HackWinds-Android/issues>

Installs: 50 - 100 Updated: June 14, 2017

#105 - If the app is frozen and relaunched with a saved state it crashes

Solution – use onResume method to extract data and check null condition

#82 - Crash loading BuoyFragment

Solution - Added mutexes to models to try and fix this

137. <https://github.com/durka/HallMonitor/issues>

#3 - App ignores result of Device Admin request

Solution - don't start service if device admin not granted.

138. <https://github.com/manmal/hn-android/issues>

Installs: 50,000 - 100,000 Updated: August 24, 2016

#32 - Crashes when reload button is pressed multiple times

Solution - Canceling the CancelableRunnable in the BaseTask in the background thread

139. <https://github.com/queler/holokenmod/issues>

#22 - crash autofill

Solution – change logic

140. <https://github.com/Maxr1998/home-assistant-Android/issues>

#27 - App is showing a white screen with no way to get front end back

Solution - Extract default groups if no custom ones are defined

141. <https://github.com/mboesling/HydroMemo/issues>

#1 - HydroMemo Fails to open. ClassNotFoundException: android.preference.SwitchPreference

Solution – check build version and use CheckBoxPreference instead of SwitchPreference for old versions

142. <https://github.com/icecondor/android/issues>

Installs: 1,000 - 5,000 Updated: April 10, 2015

#1 - log trim error. CursorIndexOutOfBoundsException

Solution - client has been rewritten

143. <https://github.com/iFixit/iFixitAndroid/issues>

Installs: 1,000,000 - 5,000,000 Updated: February 18, 2016

#225 - Offline Guides: NullPointerException in onRestart

Solution – null check

#224 - NoSuchMethodError: android.view.ViewTreeObserver.removeOnGlobalLayoutListener

Solution – check build version and handle accordingly

#147 - Crash on logout when DeadEvents exist

Solution – change implementation

#115 - Step edit crash

Solution - Notify adapters if a new step is removed when navigating away from a step

#111 - Viewing some topic pages results in a crash

Solution - Only apply GuideltemView image resize on tablets

#110 - Quick tap edit then immediately tap view guide – CRASH

Solution - Bail early if somehow the user is able to click view guide before the guide is retrieved. Null check

#108 - Favorites login dialog orientation change crash

Solution – call super.onSaveInstanceState(state)

#104 - Adding multiple new unsaved steps shouldn't be allowed

Solution - Prevent users from adding multiple empty steps

#95 - Clicking "View Guide" from step edit on unsaved step crashes the app. IndexOutOfBoundsException

Solution – check if (mPagePosition >= guideSize) { mPagePosition = guideSize - 1; }

#89 - Clicking "Edit" on category info pages results in a crash. ActivityNotFoundException

Solution – Restructure the URL link

#83 - Tapping Step Edit on a no step guide crashes the app

Solution - Tapping the edit menu item should take you to the guide intro edit activity, otherwise it'll act normally and go the the coorisponding step.

#77 - Guide intro edit resuming crashes. NullPointerException. once the activity was destroyed, and reinitialized, the app would crash because the fragments were firing off a callback to the activity to get the current page before the wizard model was re-created.

Solution - Moving these callbacks to onCreateView instead of onCreate fixes it.

#13 - Some guide links crash the app

Solution – correct link path

144. <https://github.com/iitc-project/ingress-intel-total-conversion/issues>

#777 - at portal view, click share portal button get crash. IllegalArgumentException: Got an intent not generated by IntentGenerator

Solution - add EXTRA_FLAG_TITLE to intent

#761 - New Share Function Bug. IllegalArgumentException: Activity ShareActivity does not have a parent activity name specified. (Did you forget to add the android.support.PARENT_ACTIVITY <meta-data> element in your manifest?)

Solution - use fully qualified component names to refer to parent activities. When using relative component names, the support library tries to infer the full name using the package name. This is a problem when the package name is overridden.

#735 – Mobile release 10.2 null pointer crash

Solution – check null

#624 - Mobile share 'copy to clipboard' crashes

Solution - fix bug in PackageManager - a replaced package name might cause non-exported intents to appear

145. <https://github.com/intrications/intent-intercept/issues>

Installs: 50,000 - 100,000 Updated: August 19, 2016

#1 - The app crashes when try to catch system generated intent.

Solution - This is because Intent Intercept tries to unmarshall an extra into a class it doesn't know about. Catch exception

146. <https://github.com/SaferMobile/intheclear/issues>

#48 - Crashes in G2 Datwipe

Solution - Wipe now on a thread so there should be no more UI hanging/crashing.

147. <https://github.com/telecapoland/jamendo-android/issues>

#24 - AudioEffect crashing on ICS and JB

Solution – change implementation

148. <https://github.com/julianwi/javainstaller/issues>

#7 - incompatible with versions >= 1.0.66 of jackpal's Terminal Emulator for Android

Solution – change implementation regarding compatibility with newer ATE versions

149. <https://github.com/jannispinter/jaws/issues>

Installs: 1,000 - 5,000 Updated: November 23, 2015

#13 - SecurityException: Need ACCESS_COARSE_LOCATION or ACCESS_FINE_LOCATION permission to get scan results

Solution – add permission

150. <https://github.com/marunjar/anewjkuapp/issues>

Installs: 1,000 - 5,000 Updated: June 18, 2017

#99 - app is crash when trying to show statistics

Solution – update library

151. <https://github.com/k9mail/k-9/issues>

Installs: 5,000,000 - 10,000,000 Updated: March 22, 2017

#2540 - K-9 crashes at inbox open on Android O

Solution - Rename fragment.getLayoutInflater for Android O+. This method name is a duplicate of a final method in class Landroid/app/Fragment.

#2282 - Crash in 5.205: Bug in ParcelableUtil.unmarshall()? NullPointerException

Solution - when a user had an unread widget on the home screen the system would hold on to a PendingIntent with a search extra in the old format. That's why opening the app using the unread widget would crash. I re-added support for the old extra.

#2061 - OOM downloading new mail, if the local mailbox is already too big

Solution - Don't load all local message metadata into memory during synchronize

#2044 – NPE in HtmlToSpannedConverter (following unsupported transfer encoding) breaks sync

Solution – handle exception if TransferEncoding is unknown

#2010 – NPE in MessageTitleView.showSubjectInMessageHeader()

Solution – check null

#1899 - NPE in LocalStore.getRawAttachmentInputStream()

Solution - use CHILD_PART_CONTAINS_DATA rather than IN_DATABASE as data location for multipart

#1898 – NPE in MessageCompose.onCreateOptionsMenu()

Solution – check null

#1879 – OutOfMemoryError. We create a list of all the messages then free the space when we migrate each.

Solution - iterate messages by uid, don't keep messages around longer than necessary

#1878 - NPE in MessageCryptoHelper.addCryptoResultAnnotationToMessage()

Solution - check null

#1876 - NPE in MessageCompose.onDestroy()

Solution - Check recipientPresenter exists before destroying it

#1875 – NPE. the MessageList Activity is started, realized the database needs upgrading, starts the UpgradeDatabases Activity, which probably finishes right away because the upgrade has been complete, before finishing it starts the original Activity causing onNewIntent() being called because the instance is reused.

Solution - Don't bother handling an intent in MessageList if we're finishing anyway

#1874 – NPE in Address.hashCode()

Solution – check null

#1845 - AssertionError: Unknown preview type: ERROR

Solution - Display empty preview when we couldn't extract preview text

#1826 - K-9 mail crashes when trying to download an attachment. IllegalStateException: No attachment data available

Solution - Handle attachments with CHILD_PART_CONTAINS_DATA data location

#1819 - java.text.ParseException: Unparseable date: "NIL"

Solution – check NIL date condition

#1737 - Crash when no permission to attachment. UnsatisfiedLinkError: Couldn't load os-compat from loader.PathClassLoader[DexPathList[[zip file "/data/app/com.fsck.k9-1.apk"]]: findLibrary returned null

Solution – update SafeContentResolver to 0.9.0

#1662 - AssertionError: getNewNotificationId() called with no free notification ID

Solution - On removing notification, mark it's ID no longer in use

#1629 - Attempting to save an attachment causes IllegalStateException: Can not perform this action after onSaveInstanceState

Solution - Handle download of attachment correctly in AsyncTask when saving requested

#1607 – NPE. Composer crashes when an invalid mail address is about to be shown in recipient selector

Solution - if(recipient.getAddress() != null) { // skip email addresses that could not be parsed

#1582 - Crash while moving message. Failure delivering result ResultInfo to activity:

java.lang.IllegalStateException: got an activity result that wasn't meant for us.

Solution - fragments do not have a startIntentSenderForResult method, pending intent activities are launched through the MessageList activity, and delivered back via onPendingIntentResult().

#1271 - Crash viewing an application/pgp message

Solution - messageview: support mutt's application/pgp mimetype for pgp/inline messages

#1261 - MessagingException: Invalid MultiPart Content-Type; must contain subtype and boundary.

Solution – Better handling of bad MIME messages. catch MimeException

#1251 - App crashed by typing address in the address field when composing a message

Solution - compose: inject loader manager to RecipientSelectView via presenter

#1227 - Crash on screen rotate with OpenPGP handled message. NoSuchElementException. this appears to be because decryption gets called twice. This happens because onLoadFinished gets called twice.

Solution - it's the lack of getLoaderManager().destroyLoader(LOADER_ID); call that causes this. Adding the line to destroy it after loading seems to work.

#1201 - NPE/Null object reference crash when attempting to decode certain messages. It seems only K-9 thinks there's an attachment. The format looks like text/plain, but it only says text in the message source.

Solution - Add support for the 'text' MIME type as being equivalent to 'text/plain'

#916 - S/MIME crashes app. NullPointerException

Solution - If we get a null response from decoding a message, create an empty MessageViewInfo and display a Toast.

#896 - Crash when attempting to open a PGP/MIME encrypted email with an unknown key

Solution – handle errors on decryption

#871 - Crash during reading of an email

Solution - fix nullpointer if mime part isn't available in scan for pgp/inline. Check isEmpty

#864 - Loop when decrypting PGP/MIME mail

Solution - pgpmime: use returned intent as new decrypt intent

152. <https://github.com/andresth/Kandroid/issues>

#2 - Crash if project description is empty

Solution – set visible on project description view

153. <https://github.com/nolanlawson/KeepScore/issues>

Installs: 50,000 - 100,000 Updated: March 5, 2014

#64 - Broken on Nook Simple Touch. NPE

Solution – null check

154. <https://github.com/Neamar/KISS/issues>

Installs: 100,000 - 500,000 Updated: May 12, 2017

#653 - History Crash, Possibly an int overflow. NumberFormatException

Solution - Fix crashes when entering a number larger than `Integer.MAX_VALUE` as search result limit

#597 - crash on opening protected apps (cyanogenmod/lineageos)

Solution - `LauncherApps` API and foreign-profile application support. Android 5 had introduced a new API for interacting with apps specifically for launchers. Usage of this API is not optional anymore however, as new system app management features (such as launching protected apps and apps from work-mode profiles) can only be correctly accessed using this API and because such features were actually (attempted to be) used by our users

#569 - Unable to resume activity {fr.neamar.kiss/fr.neamar.kiss.MainActivity}:

java.lang.IllegalStateException: Cannot start this animator on a detached view!

Solution - adding code in onNewIntent() will trigger an animation on a detached view, which will crash the whole process. Animation can't happen in this method, since the activity is not resumed yet, so they'll happen in the onResume()

#549 - Crashes on Nougat. SecurityException: Permission Denial: opening provider requires android.permission.READ_CONTACTS or android.permission.WRITE_CONTACTS

Solution - runtime-permissions

#431 - NPE. crash after using intensive memory. I guess one of the providers service died and the entry.provider was null?

Solution - check null and Run GC once to free all the garbage accumulated during provider initialization

#391 - Play store crash. StringIndexOutOfBoundsException

Solution - check white space and other condition

#387 - Crash on first letter input

Solution - Use pojo.mapPosition(), rename some variables

#349 - Play Store NullPointerException

Solution - null check

#333 - KISS crashes after installation if shortcut provider is disabled (or not yet available). NullPointerException.

Solution - Shortcuts database code moved from ShortcutProvider

#251 - Play Store crash. UnsupportedOperationException

Solution - catch exception. clipPath() not supported on this device. (often a bug with hardware acceleration on API18)

#208 - Black theme crash on 4.4. Resources\$NotFoundException. Known Android limitation previously to API21+

Solution - change resource file

#51 - ClassNotFoundException: fr.neamar.summon.ResetPreference

Solution - correct the package name in preferences.xml

155. <https://github.com/kiwix/kiwix/issues>

Installs: 100,000 - 500,000 Updated: February 27, 2017

#457 - Phets app crashes if using "read aloud"

Solution - validate language and display error

#448 - Android crash with master head. NPE

Solution - check null

#439 - Pretty much crashes with Android 4.1. ClassCastException: RescanDataAdapter cannot be cast to android.widget.HeaderViewListAdapter

Solution - set adapter to RescanDataAdapter

#413 - Crash (and loss of data) in Android content manager

Solution - Sync internet connection state

#346 - Native crashes in latest build of kiwix

Solution - Fix ft index open for chunked files

#319 - Zombie *.part file on Android

Solution - Canceling a download now removes all .part files correctly

#318 - Crashed with Android downloader on ICS. NPE

Solution - check null

#314 - Android Kiwix 2.00 on pre-release crashes displaying Help on Samsung S3.

Resources\$NotFoundException

Solution - removed ripple library as result of button lag

#302 - Resources\$NotFoundException

Solution - adjust resources in com.andextert.library.RippleView

#301 - Kind of instability with 2.0. IllegalStateException: Fragment DownloadFragment{3e45a00f} not attached to Activity

Solution - Check if fragment is added before snackbarring

#296 - Crash by opening the Android app. IndexOutOfBoundsException

Solution - validate index

#284 - Crashes by scrolling up/down the "local" on Android content manager. NPE

Solution - Android local ZIM files are stored in Database

#282 - New Wikivoyage crashes. SQLiteException: no such column: recentSearches.searchString (code 1); , while compiling: SELECT DISTINCT recentSearches.searchString AS searchString FROM recentSearches ORDER BY recentSearches._id DESC LIMIT 5

Solution - create table programmatically rather than updating the database

#273 - Crash by loading a bookmark. NPE

Solution - check if menu is null

#261 - Android Multiple network related crashes both fatal and silent

Solution - refactor

#258 - Uninstalling Android app and then reinstalling causes crash. SQLiteException: no such table: Bookmarks. I think that my database was not being updated correctly

Solution - create table programmatically rather than updating the database

#37 - Kiwix for Android crash if ZIM file path contain "". SQLiteException

Solution - add ShortcutUtils.escapeSqlSyntax(search);

#19 - Crash by click on the bookmark star icon on Android ICS. IllegalStateException: Cannot add header view to list -- setAdapter has already been called.

Solution - the myList.addHeaderView(header) must be execute before myList.setAdapter(adapter)

156. <https://github.com/konradrenner/kolabnotes-android/issues>

Installs: 1,000 - 5,000 Updated: April 25, 2017

#160 - Permanent crash after adding image to KolabNotes

Solution - problem is the size of the image. android sqllite cursor is limited to 1 MB when reading a row. Change implementation

157. <https://github.com/kontalk/androidclient/issues>

Installs: 10,000 - 50,000 Updated: April 22, 2017

#996 - Null threadUri causing crash

Solution - check null condition for URI when activity restart

#995 - Crash on clicking play on audio messages. NPE

Solution - check FragmentManager is not null

#984 - NPE: Crash on concurrent access in message center

Solution - synchronized access since we might get a call from IdleThread. Also, check null

#976 - Crash on pending outgoing group message. ArrayIndexOutOfBoundsException

Solution - Use a Set instead of an array and manual checks

#954 - Crash after reaching PTT time limit

Solution - change logic

#953 - Crash opening conversation on tablet. NPE

Solution - Check old conversation before replacing compose fragment

#943 - Crash opening conversation in tablet. NPE

Solution – override onResumeFragment. Fix send something from outside in tablets

#935 - Crash by try to share a link via Browser

Solution – don't finish the activity

#930 - Resources\$NotFoundException: Plural resource ID

Solution – add missing resources

#911 - Crash: user leaves group. UnknownFormatConversionException: Conversion = ''

Solution - Fix german translation in that caused a crash. broken string formatter in strings.xml (% - %s)

#908 - Crash: no encryption methods specified

Solution - no group member left - skip message

#901 - Unable to start service.MessageCenterService with Intent { act=org.kontalk.action.MESSAGE cmp=org.kontalk/.service.msgcenter.MessageCenterService (has extras) }: java.lang.IllegalStateException: no encryption methods specified. Unable to start message center due to crash

Solution - Hide menus when it's not possible to use them

#884 - Crash when receiving invitation to enter a group. UnsupportedOperationException

Solution – change implementation

#863 - Kontalk crashes when accepting untrusted personal key

Solution – validate error condition properly

#862 - Crash when clicking back arrow in group member view. UnsupportedOperationException

Solution – change logic

#780 - Crash on key exporting

Solution – catch ActivityNotFoundException and Use pre-Kitkat file chooser dialog if SAF fails

#758 – Intent sent with no phone number available in Kontalk sync data. NPE

Solution – Handle missing or unable to retrieve contact from Contacts app. check null. Damn permission grants!!

#751 - Crash when setting privacy and leaving activity. NullPointerException

Solution - Use received context instead of calling getActivity

#750 – NPE: Disable focus for message list header

Solution - Disable list header view

#739 – NPE: Calling unregisterPeerObserver after query has completed but activity instance has been destroyed (or fragment has been detached)

Solution - Use saved context instance

#734 - SecurityException: No persistable permission grants found for UID 10187 and Uri 0 @ content://media/external/images/media/34906

Solution - Fix Uri permission handling

#723 - IllegalStateException: Fragment ComposeMessageFragment{a5744348} not attached to Activity

Solution - Handle privacy broadcasts from the main fragment receiver

#720 - Crash on Huawei Protected Apps dialog. IllegalStateException: You cannot use customView() when you have content set.

Solution – create wrapper for a dialog with a checkbox.

#705 - Crash in audio playing. IllegalStateException

Solution – set audio status from saved instance

#698 - Crash when dismissing progress dialog after activity has paused. IllegalArgumentException: View not attached to window manager

Solution – catch exception

#680 - Unable to create application org.kontalk.Kontalk: android.database.sqlite.SQLiteException

Solution – catch broader exception

#671 - IllegalArgumentException: URI: content. Contact picture API broken for older Android versions

Solution - Fallback to old behaviour for retrieving avatar

#658 – Crash while importing key. NPE

Solution – null check

#643 - Opening Kontalk during mid-registration crashes

Solution – change implementation

#640 - Crash on sending picture: Failure delivering result ResultInfo{ } to activity NullPointerException: url

Solution - Fix attachment from camera. Add requestCode condition

#638 - Crash when opening a chat invitation. CursorIndexOutOfBoundsException

Solution – check if (cursor.getCount() > 0)

#632 - Crash on opening conversations on tablet. NPE

Solution – modify imageView and include layout in resource files

#625 – Crash when sending media from 3rd party application. NPE

Solution - Fix NPE due to race condition

#582 - Crash on requesting persistable uri . Failure delivering result ResultInfo{} to activity:

java.lang.SecurityException: No persistable permission grants found for UID 10106 and Uri 0

Solution - addFlags(Intent.FLAG_GRANT_PERSISTABLE_URI_PERMISSION |

Intent.FLAG_GRANT_READ_URI_PERMISSION);

#530 – Crash on setVersionInfo. NPE

Solution - Fix activity null reference race condition

#526 - SQLiteConstraintException: column hash is not unique (code 19)

Solution – handle exception

#511 - IllegalStateException: Can not perform this action after onSaveInstanceState. Crash on fragment lifecycle

Solution - Fix fragment lifecycle

#510 - IllegalStateException: Fragment ComposeMessageFragment{13eb01fa} not attached to Activity

Solution - Use context provided by broadcast receiver

#459 – Crash on audio recording (ptt). NPE

Solution – check null

#406 - IllegalStateException: labHelper was disposed of, so it cannot be used.

Solution - Fix labHelper race conditions by adding synchronized

#297 – Crash after account removal. NPE

Solution – check null

#264 - Crash on updating contacts

Solution - Fix NPE when roster match result is empty. Null check

#263 - Crashes while searching for contacts

Solution – null check

#238 - Audiorecording crash after orientation change

Solution – add orientation in configChanges

#230 – Crash after orientation change. NPE

Solution – override onAttach and onDetach methods. Check some null conditions

#223 - No network leads to crash

Solution - Validate manual server address

#209 - Tablet UI crashing after using emoji. IllegalStateException: Can not perform this action after onSaveInstanceState

Solution – handle exception

#97 - appcompat ActionBar progress indeterminate crash

Solution - Fixed by removing the setSupportProgressBarIndeterminate() method call. Requesting the Window feature seems to be enough.

#46 - SQLiteDatabaseLockedException: database is locked (code 5)

Solution – catch broader exception

#1 – Crash on u8160 with 3.04a. NPE

Solution – null check on context.

158. <https://github.com/xbmc/Kore/issues>

Installs: 1,000,000 - 5,000,000 Updated: February 13, 2017

#52 - ClassCastException: com.fasterxml.jackson.databind.node.TextNode cannot be cast to com.fasterxml.jackson.databind.node.ArrayNode

Solution – check whether the JsonNode is array

159. <https://github.com/blurpy/kouchat-android/issues>

Installs: 1,000 - 5,000 Updated: August 15, 2016

#1 - Crashes when sending messages in Android 4.0. NetworkOnMainThreadException

Solution - Fixed using AsyncTask.

160. <https://github.com/quaap/LaunchTime/issues>

#19 - IllegalArgumentException: column indices (start + span) mustn't exceed the column count.

Solution – change in setting and getting gridlayout column

#9 - Cursor error after running for a while

Solution - Fix cursor leak by closing

#8 - IllegalStateException: The specified child already has a parent. You must call removeView() on the child's parent first.

Solution – if parent is not null, remove view

#7 – Crash on drag/removing from recent list. NPE

Solution – check null

161. <https://github.com/HoraApps/LeafPic/issues>

Installs: 10,000 - 50,000 Updated: October 9, 2016

#272 - Crashes when excluding single folder

Solution – change implementation

#251 - java.lang.IndexOutOfBoundsException Blank Gallery/No Media

Solution – replace “return dispAlbums.get(current);” with return albums.dispAlbums.size() > 0 ? albums.getCurrentAlbum() : new Album();

#224 - Leafpic crashes when deleting screenshot. NPE

Solution – null check

#216 - Crash when clicking on Excluded Albums. NPE

Solution – null check

162. <https://github.com/eliotstocker/Light-Controller/issues>

Installs: 10,000 - 50,000 Updated: January 9, 2016

#67 - IllegalStateException: System services not available to Activities before onCreate()

Solution – call system service after the activity context is created

#66 - android.os.NetworkOnMainThreadException

Solution - ok, this can be fixed by adding the following to the top of the pebble listener:

StrictMode.ThreadPolicy policy = new StrictMode.ThreadPolicy.Builder().permitAll().build();

StrictMode.setThreadPolicy(policy);

163. <https://github.com/anthonycr/Lightning-Browser/issues>

Installs: 10,000 - 50,000 Updated: June 11, 2017

#329 - FC when opening settings

Solution - Workaround for bug in the appcompat support library. Check build version and handle accordingly

164. <https://github.com/guardianproject/lildebi/issues>

[#127](#) - Unable to resume activity

{info.guardianproject.lildebi/info.guardianproject.lildebi.PreferencesActivity}:

java.lang.NullPointerException

Solution - fix NPE crash if user returns to PreferencesActivity after a while. The postStartScript and preStopScript static values must be set in the Application subclass in order to ensure that they always exist, no matter which Activity is launched when LilDebi starts again.

[#114](#) – IllegalArgumentException. calculating free size of internal storage from '/data' and not '/data/debian'

Solution - When lildebi is installed first time on a device, then /data/debian folder is not present. So when the install screen (of installing in internal storage) tries to calculate the free size of internal storage from /data/debian then an exception is generated as /data/debian is not present. So instead of calculating free size from /data/debian, we will now calculate it from /data

165. <https://github.com/n76/Local-GSM-Backend/issues>

[#2](#) - force close. RuntimeException: Can't create handler inside thread that has not called Looper.prepare()

Solution - added a call to Looper.prepare(); before setting up the phone listener

166. https://github.com/n76/wifi_backend/issues

[#36](#) - The application crashes on import/export

Solution - Add permission for write external storage. Should have been added when export function was added.

[#27](#) - SecurityException: need INSTALL_LOCATION_PROVIDER permission, or UID of a currently bound location provider. I use Android 6.0.1 and Location and Telefone permission for MozillaNlpBackend was turned off

Solution – Not related to this app. Allow permission

167. <https://github.com/pROPs/LocationShare/issues>

Installs: 100 - 500 Updated: February 8, 2017

[#8](#) - Unable to resume activity {ca.cmetcalfe.locationshare/ca.cmetcalfe.locationshare.MainActivity}:

java.lang.IllegalArgumentException: invalid listener: null. GPS off force close

Solution - Guard against crash if GPS disabled

168. <https://github.com/iSoror/uhabits/issues>

Installs: 500,000 - 1,000,000 Updated: June 14, 2017

[#116](#) - Crash when opening settings screen caused by lack of permissions to read ringtones

Solution – handle exception. Show empty ringtone name in case of exception.

[#109](#) – StringIndexOutOfBoundsException

Solution – replace habit.name.substring(0, 3) with habit.name.substring(0, Math.min(3, habit.name.length()))

[#35](#) - Error when displaying widgets for deleted habits

Solution – display error msg when habit is null

[#34](#) - The app crashes for me when trying to check a task as done.

Solution - Use long instead of int for millisecondsInOneDay

169. <https://github.com/brarcher/loyalty-card-locker/issues>

Installs: 1,000 - 5,000 Updated: June 29, 2017

[#12](#) - Crash when accessing camera. Android 6

Solution – include Android 6 permission support in the library

170. <https://github.com/opentelecoms-org/lumicall/issues>

Installs: 5,000 - 10,000 Updated: June 25, 2017

[#12](#) - SecurityException: Permission Denial: not allowed to send broadcast android.intent.action.PHONE_STATE

Solution – handle exception. New versions of Android (KitKat and beyond) don't let us send ACTION_PHONE_STATE_CHANGED

171. <https://github.com/shkcodes/Lyrically/issues>

#29 - Unable to fetch lyrics.

Solution - the problem is that string is missing from newer pages of genius, i checked to be sure with cached genius pages. the solution is simple as replacing </lyrics> with <!--/sse-->

172. <https://github.com/Adonai/Man-Man/issues>

Installs: 1,000 - 5,000 Updated: May 1, 2017

#3 - Crashes when trying to open OpenBSD man package

Solution - strings for local storage

173. <https://github.com/devonjones/PathfinderOpenReference/issues>

Installs: 100,000 - 500,000 Updated: March 21, 2016

#38 - android.database.CursorIndexOutOfBoundsException: AbstractCursor.checkPosition()

Solution - This was caused by the OGL handler on details activity not being implemented properly.

#19 - isTabletLayout throwing exception in some cases. NoSuchFieldError:

android.content.res.Configuration.screenWidthDp

Solution - surrounded with try/catch. if it throws an exception, assumed to not be a tablet.

174. <https://github.com/PaulWoitaschek/MaterialAudiobookPlayer/issues>

Installs: 100,000 - 500,000 Updated: June 22, 2017

#584 - Random crashes on Metadata scan

Solution - Catch undocumented runtimeexceptions from MediaMetadataRetriever and try a second time.

#297 - JumpToPosition and BookmarkDialog crashes. When starting in tablet landscape mode, these two actionbar items should be deactivated when the book initialized is not valid.

Solution - Hide bookmark and jump to position elements if there is no valid book.

#86 - unregistering a not registered broadcastreceiver.

Solution – handle exception

#56 - Unable to start activity ComponentInfo{de.ph1b.audiobook/de.ph1b.audiobook.activity.BookPlay}:

android.view.InflateException: Binary XML file line #8: Error inflating class fragment

Solution - Init DataBaseHelper in onCreate() to make sure getActivity() != null

175. <https://github.com/hidroh/materialistic/issues>

Installs: 50,000 - 100,000 Updated: June 8, 2017

#484 - NullPointerException: Attempt to invoke interface method 'java.lang.String io.github.hidroh.materialistic.data.Item.getText()' on a null object reference

Solution – annotate @Nullable

#394 - NullPointerException: Attempt to invoke virtual method 'void

android.support.v7.app.ActionBar.setSubtitle(java.lang.CharSequence)' on a null object reference

Solution – null check

#352 - AbstractMethodError: abstract method "void okhttp3.Callback.onResponse(okhttp3.Call, okhttp3.Response)"

Solution - Upgrade Retrofit to latest SNAPSHOT for OkHttp3

#6 - IllegalStateException: Unable to create layer for CardView. Crash when doing shared element transition with long text content

Solution – Remove shared element transition

176. <https://github.com/materials/CM12-Theme/issues>

#15 - Unable to resume activity {com.android.settings/com.android.settings.SubSettings}:

android.content.res.Resources\$NotFoundException: Resource ID #0x0

Solution – modify resource file style.xml

#3 - Resources\$NotFoundException: File res/drawable/activated_background_material.xml from drawable resource ID #0x10800c9

Solution – modify resource files

177. <https://github.com/harleensahni/media-button-router/issues>

Installs: 50,000 - 100,000 Updated: January 27, 2014

#11 - Crash after some items were removed from the selector list.

Solution - changed it to just finish the activity as if the user hadn't made a selection if the index is out of bounds.

178. <https://github.com/micolous/metrodroid/issues>

Installs: 1,000 - 5,000 Updated: May 19, 2017

#28 - NullPointerException: Attempt to invoke virtual method 'java.util.Date com.codebutler.farebot.transit.Subscription.getValidFrom()'

Solution – null check

179. https://github.com/JBirdVegas/external_jbirdvegas_mGerrit/issues

Installs: 100,000 - 500,000 Updated: December 30, 2016

#48 - OutOfMemoryException after changing screen orientation multiple times

Solution - Reuse previous requests to fetch text diffs after a config change. Check that we are processing the correct text diff. Rotating the device while the change is loading will not keep making additional requests if the diff loads while rotating the device (shouldn't keep seeing the loading spinner when rotating the device for text diffs).

#47 - IllegalStateException - Cannot add header view to list -- setAdapter has already been called

Solution - setHeaderView cannot be called after setting the adapter in Android KK and below, as a result, we need to toggle the visibility of the card which will show/hide it without actually removing it.

180. <https://github.com/maks/MGit/issues>

Installs: 50,000 - 100,000 Updated: November 2, 2016

#153 - Un-Staged/Staged diff causes app to crash.

Solution – null check

#147 – NullPointerException

Solution – null check

181. <https://github.com/raulhaag/MiMangaNu/issues>

#261 - SQLiteConstraintException: UNIQUE constraint failed: as it turns out I somehow had ch. 214 in my db with mangald = -1. Interestingly we already have a function to remove orphaned chapters like that but we didn't use it lol.

Solution - I fixed it by making the places where we addChapters more robust so when we fail with an SQLiteConstraintException again we will now try to removeOrphanedchapters to possibly fix it

#260 – NullPointerException and IllegalArgumentException: Unexpected char 0x2019 at 36 in header value

Solution – check null. try to set referer, if it contains special characters this will fail. Handle this in catch block of IllegalArgumentException.

#253 – memory leak

Solution – set largeHeap to true and recycle the images

#250 - NullPointerException: Attempt to invoke virtual method 'android.content.Context android.support.v4.app.FragmentActivity.getApplicationContext()'

Solution - this is happening cause when we create a FileCache object we give it a context, even when it doesn't need one, like in the doInBackground method in the PreferencesFragment since we only need the dirSize() method from the FileCache class in the doInBackground method from the PreferencesFragment. So anyway I fixed it by adding a default constructor to the FileCache class and calling that instead of the other constructor.

[#248](#) - crashes with a MangaFragment not attached to Activity Exception.

Solution - added some `isAdded()` calls to MangaFragment and now it works without crashing

182. <https://github.com/dotWee/MicroPinner/issues>

Installs: 1,000 - 5,000 Updated: October 31, 2016

[#10](#) - `IllegalArgumentException: bad base-64`.

Solution - Use the `.NO_WRAP` flag for base64 de/encoding, since `.DEFAULT` causes exceptions for some users

183. <https://github.com/ikarus23/MifareClassicTool/issues>

Installs: 100,000 - 500,000 Updated: October 9, 2016

[#78](#) - crash for Android Marshmallow

Solution - added permission checks

184. <https://github.com/mvmike/min-cal-widget/issues>

[#3](#) - `ActivityNotFoundException`. Cannot handle the intent

Solution - handle exception and show error msg

185. <https://github.com/imshyam/mintube/issues>

[#15](#) - App crashes/disappears

Solution - android nougat crash fix. Vector drawable issue

186. <https://github.com/artetxem/mitzuli/issues>

Installs: 10,000 - 50,000 Updated: April 7, 2016

[#7](#) - Crash when translate a photo

Solution - There is a build issue with the F-Droid version of Mitzuli. The OCR libraries are missing on it

187. <https://github.com/javiersantos/MLManager/issues>

Installs: 50,000 - 100,000 Updated: March 25, 2017

[#8](#) - Could not find method `android.view.Window.setStatusBarColor`

Solution - add flag `FLAG_DRAWS_SYSTEM_BAR_BACKGROUNDS`

188. <https://github.com/matburt/mobileorg-android/issues>

Installs: 10,000 - 50,000 Updated: August 6, 2013

[#401](#) - Crash when clicking on "+" capture

Solution - check null

[#344](#) - `IllegalStateException`: URI scheme in your app's manifest is not

set up correctly. You should have a `com.dropbox.client2.android.AuthActivity` with the scheme: `db-et6v9bbqd4pu0ak`

Solution - we mistakenly overwrote the dropbox app id in `android:scheme` in manifest

[#192](#) - `NullPointerException`. Force Close when opening empty files

Solution - null check

[#177](#) - `SQLiteException`: no such column: `file.node_id`

Solution - modify query

[#170](#) - Dropbox Sync: `Error:java.lang.NullPointerException`

Solution - null check

[#157](#) - `StaleDataException`: Access closed cursor

Solution - check cursor position and filename

[#161](#) - `NumberFormatException`: unable to parse " as integer

Solution - check format

[#150](#) - `SQLiteException`: no such column: `displayName`

Solution - Adapted calendar to use Androids `CalendarContract`, if available. If not it will fall back on hardcoded values.

[#142](#) - crash when I try to pull a note that doesn't exist

Solution - null check

#80 - When SDCard sync mode is selected, the synchronizer does not actually copy any files off the SDCard, even if "internal" storage mode is selected. When OrgFileParser attempts to read from the internal storage location, there is no file to open, resulting in a NullPointerException during synchronization.

Solution - This change ensures that OrgFileParser will read the files directly from the SDCard whenever SDCard synchronization is selected, regardless of storage mode.

#79 - If the user has the sdcard mounted and the application is configured to store its data on the sdcard... there will potentially be crashes and odd errors attempting to read files or the sqlite database.

Solution - Wrap SQL calls so that we can show an error message, especially if the user has the sdcard mounted... we don't want to crash in that scenario

#14 - Null pointer exception if agendas.org is missing

Solution - null check

#11 - Sync crashes if you ignore the settings screen

Solution - if you refuse to enter any settings, bump version number

189. <https://github.com/Mobiperf/MobiPerf/issues>

Installs: 10,000 - 50,000 Updated: January 26, 2016

#85 - IllegalStateException: The content of the adapter has changed but ListView did not receive a notification. Make sure the content of your adapter is not modified from a background thread, but only from the UI thread.

Solution - Simplify adapter use for results console

190. <https://github.com/andviane/moon/issues>

#2 - Moon Phase crashes ;_;

Solution - It seems that these strange strings are parsed without much need. I have removed unnecessary parsings.

191. <https://github.com/Nutomic/movecerts/issues>

Installs: 100 - 500 Updated: October 22, 2014

#3 - Crash on Lollipop. For Lollipop, the user certificates path changed to "/data/misc/user/0/cacerts-added".

Solution - Added support for Android 5.

192. <https://github.com/mozilla/MozStumbler/issues>

Installs: 10,000 - 50,000 Updated: May 10, 2016

#1792 - NoSuchMethodError: android.location.Location.getElapsedRealtimeNanos

Solution - Need API17 guard around Location.getElapsedRealtimeNanos

#1786 - NullPointerException if for example the connection timed out.

Solution - null check

#1763 - Saving a blank displayname in the stumbler client causes a crash

Solution - This is a bug related to various string prefs coming back with null. Change the Prefs class to return empty string and update callers so that they use TextUtils.isEmpty to check for null values

#1515 - NullPointerException: Attempt to invoke virtual method 'java.lang.Object android.content.Context.getSystemService(java.lang.String)' on a null object reference

Solution - check context for null

#1514 - Unable to resume activity

{org.mozilla.mozstumbler/org.mozilla.mozstumbler.client.navdrawer.MainDrawerActivity}:

java.util.UnknownFormatConversionException: Turkish translations crash

Solution - Turkish translation: changed format string in strings.xml

#1439 - NPE Crash in 1.6.1 .subactivities.FirstRunFragment\$1.onClick(FirstRunFragment.java:49)

Solution - check null for fragment

#1311 - `.IllegalArgumentException: provider doesn't exist: network at org.mozilla.mozstumbler.client.mapview.MapLocationListener.enableLocationListener` Network provider not available

Solution – catch exception

#1268 – `OutOfMemoryError`. The JSON object bounded at 200 wifis and 50 cells, and we expect these strings to be of a certain maximal length. As @crankycoder suggested, we are not verifying that the length of these strings is actually bounded as we expect, and seems like the likely culprit.

Solution - added `.clearReports()`, `addReport(String)`, `finalizeReports()`, `reportsCount()` and `maxReportsReached()` methods to the `ReportBatchBuilder` to hide the collection. `addReport(String)` will now only add records into memory up to the size of `MAX_REPORTS_IN_MEMORY`. Any additions after that will be dropped.

#1137 - `UnsupportedOperationException: Unexpected Phone Type: 0`. Crash when no telephony type is available.

Solution - Default the signal strength and CDMA dbm to be `UNKNOWN_SIGNAL`. if no telephony hardware is detected, the `CellScannerImplementation::start()` short circuits and doesn't enable any listeners `stop()` on the `CellScannerImplementation` will only unhook the listener if it's non-null and the telephony type is GSM or CDMA. `ScanManager` won't create a `CellScanner`, or try to start one if no telephony hardware is detected.

#1084 - Log Activity OOM crash

Solution – Place Upper bounds on log lines. The log is now 500 lines max, with longest lines bounded at 1000 chars (the first 30), and the remaining lines bounded at 200.

#1080 - NPE in `ObservationPoint.errorMLSResponse`

Solution - setting `mMLSQuery` to null after logging should fix this.

#1048 - Crash on low battery. When the app starts with <15% battery, it immediately gets notified and then calls `onStop` before the service is created, and crashed on a null pointer.

Solution – check null service

#1006 - `NullPointerException`

at `org.mozilla.mozstumbler.client.subactivities.PreferencesScreen$4.onPreferenceClick()`

Solution – service is not yet created. check null

#997 - `NullPointerException`

at `org.mozilla.mozstumbler.client.subactivities.PreferencesScreen.onCreate`

Solution - make sure `ClientPrefs` exists at all times

#993 – `OutOfMemoryError`

Solution - add proper guards around the Reporter to limit wifi and cellular data per location

#985 – `NullPointerException`

Solution – change API

#982 – `NullPointerException`

Solution – check null for application and service

#981 – `NullPointerException`. Amazingly, `getActivity()` while you're in a fragment can return `NULL`. Lesson learned - never trust android framework.

Solution – null check

#696 - Background service crash issue (sync module)

Solution - cursor was not checking `cursor.getCount() > 0` before working with it

#668 – NPE. service crashes after closing

Solution – check null for intent

#601 - crash if update url is missing

Solution - check for null apk uri to prevent crash

#598 - SQLiteConstraintException: reports.radio may not be NULL. mPhoneType is not one of these values PHONE_TYPE_GSM and PHONE_TYPE_CDMA , then the radio column is left null. There are a lot of devices which can't do phone calls out here. Almost all the tablets

Solution - allow empty phone type (not just GSM/CDMA)

#591 - generates big data file and crashes when trying to upload data. I noticed that the number of wiki access points is exceptionally high.

Solution - We never cleaned up the mCellData and mWifiData after reading from them - making them become HUGE and exponentially increasing storage necessary by MozStumbler by having thousands if not millions of duplicates. mCellData.clear();

#193 - NoSuchMethodError: android.app.AlertDialog\$Builder.<init>. Crash after app launch on Android Gingerbread (2.3.6)

Solution - Fix for gingerbread. Replace AlertDialog.Builder(this, AlertDialog.THEME_DEVICE_DEFAULT_DARK) with AlertDialog.Builder(this)

#164 - App crashes when opening Settings. On my Samsung Galaxy S (the really old one, Android 2.3.5), version 0.7.2 crashes when I try to open "Settings". The screen goes black and after a moment the "Force close" dialog comes up.

Solution - Fixed problem on older phones. We're now using the deprecated preferences activity.

#129 - Unable to start activity: android.view.InflateException: Binary XML file line #11: Error inflating class fragment

Solution - Fall back to Google's SupportMapFragment for Gingerbread. Google's MapFragment is only available in Honeycomb and later. We must use the SupportMapFragment class:

#97 - NoSuchMethodError: android.telephony.gsm.GsmCellLocation.getPsc

Solution - We are calling GsmCellLocation.getPsc() which was added in Gingerbread. We need a version check for Froyo. All the other GsmCellLocation methods are supported by Froyo; we just want to skip getPsc(). Only call GsmCellLocation.getPsc() on GB+

#96 - NullPointerException

Solution - check null

193. <https://github.com/microg/ichnaeaNlpBackend/issues>

#19 - SecurityException. [MM] Permission Denial requires

android.permission.ACCESS_COARSE_LOCATION

Solution - Add permission check for M and do not die when enabling backend

#4 - NPE

Solution - check null

194. <https://github.com/abarisain/dmix/issues>

Installs: 100,000 - 500,000 Updated: December 9, 2014

#790 - UnsupportedOperationException: Illegal argument caused by mutation attempt

Solution - OutputsFragment: Add the outputs collection to the list field.

#641 - IllegalArgumentException: Stickers are only supported with Music objects. Crash on rotation

Solution - NowPlayingFragment: Check for null current track prior to getting a sticker.

#534 - NPE at ArtistsFragment.java

Solution - Use singleton instead of getApplication.

#528 - Unable to destroy activity

{com.namelessdev.mpdroid/com.namelessdev.mpdroid.MainMenuActivity};

java.lang.NullPointerException. forgot the null check

Solution - handle exception

#455 - NullPointerException: Attempt to invoke virtual method 'int

java.lang.String.lastIndexOf(java.lang.String)' on a null object reference

Solution - Fix filesystem lines parsing

#391 - IllegalArgumentException: Wrong state class, expecting View State but received class android.widget.ScrollView\$SavedState instead. This usually happens when two views of different type have the same id in the same hierarchy. This view's id is id/noResultLayout. Make sure other views do not use the same id.

Solution - A scroll view had an ID, but when rotated it was a RelativeLayout, so the state could not be restored. Change RelativeLayout to ScrollView in resource file

#356 – NullPointerException on pressing "play" with custom server

Solution - added play state to status command

#352 - NullPointerException

com.namelessdev.mpdroid.fragments.AlbumsFragment.onMenuItemClick

Solution - Fixed regression on album long click menu

#348 – IllegalStateException. Adapter has changed but ListView did not receive a notification. I had this problem (after device wake up) on the playing queue view causing a crash.

Solution - The content of the adapter has changed but ListView did not receive a notification. Make sure the content of your adapter is not modified from a background thread, but only from the UI thread. Make sure your adapter calls notifyDataSetChanged() when its content changes.

#286 - Crash with java.util.ConcurrentModificationException on PlaylistFragment

Solution – use synchronized

#246 - NullPointerException

: at android.support.v4.app.Fragment.registerContextMenu

Solution - Fixed a case where an API 11+ api was used where it should not have been

#241 - When selecting a song in the current playlist and choosing "Play next" mpdroid crashes with a NullPointerException in PlaylistFragment.onMenuItemClick(), because info is null.

Solution - As info isn't used anymore anywhere the call to item.getMenuInfo() could be removed.

#163 – NullPointerException.

Solution - fixed with a check for !oMPD.isMpdConnectionNull() before disconnecting or not calling disconnect at all before a connection is established.

#10 - IllegalArgumentException: View not attached to window manager. Rotation bug

Solution - Check for a null connection in getAllAlbums().

#2 - Crash when connection problem

Solution – check for connection

195. <https://github.com/loisaidasam/mta-fare-buster-android/issues>

Installs: 500 - 1,000 Updated: May 4, 2017

#2 - NumberFormatException caused by empty input

Solution - Handling empty input

196. <https://github.com/AEFeinstein/mtg-familiar/issues>

Installs: 500,000 - 1,000,000 Updated: May 16, 2017

#129 – OutOfMemoryError

Solution - Memory still leaked when paging cards. Turns out nulling all references to UI elements is the way to go

197. <https://github.com/romannurik/muzei/issues>

Installs: 1,000,000 - 5,000,000 Updated: May 8, 2017

#179 - SecurityException: Not allowed to start service Intent

{ act=com.google.android.apps.muzei.api.action.SUBSCRIBE.muzei.ArtSource (has extras) } without permission none

Solution – trying to access private service. service should have exported = "true".

#165 - Resources\$NotFoundException: String resource. Seems that an android:description on the MuzeiArtSource is required to prevent this error from occurring and Muzei is crashing because that field does not exist in one of the extensions on your device.

Solution - Handle art sources without an android:description. We can safely assume that apps without an android:description on their MuzeiArtSource don't want a description shown (perhaps they are setting it at runtime). Don't crash Muzei in this cases.

#126 - Related to the RenderScript support library. android.support.v8.renderscript.RSRuntimeException: Error loading RS jni library: java.lang.UnsatisfiedLinkError: unknown failure

Solution - Protect renderscript support classes in proguard.

#100 - NullPointerException: texImage2D can't be used with a null Bitmap

Solution - Handle Invalid Images without crashing

#37 - current plugin crashes regarding a ConcurrentModificationException

Solution - synchronized access to the mSubscriptions map

#45 - Bad image URL crashes Muzei. NullPointerException. This makes it so when a given Uri has no scheme

Solution – check schema for null

198. <https://github.com/mtotschnig/MyExpenses/issues>

Installs: 500,000 - 1,000,000 Updated: April 14, 2017

#253 - Crash when adding split parts, if account cursor has not yet been loaded

Solution – check null and show toast

#136 - Calculator crash caused by "." not parseable as number

Solution – handle the case with “.”

#106 - creating new split transaction from aggregate account leads to crash

Solution - 1) correct String comparison;2) need to break out of loop once we found the account

#105 - crash when help command is invoked early on transaction list

Solution - protect against aggregate account not yet instantiated

#96 - Deleting the only item in a group leads to a crash

Solution - when the last entry in a list was moved or deleted, we ran into a crash, because grouping cursor had null values in the sum fields, we now make sure we call convAmount with 0 instead of null

#95 - Move transaction to other account leads to crash

Solution - SQL syntax error corrected, lead to crash of transaction move

#72 - Change of device orientation during the initialisation of the database is not handled correctly.

IllegalStateException: Can not perform this action after onSaveInstanceState

Solution - 1) do not open WelcomeDialog in onPostExecute since this can lead to

"java.lang.IllegalStateException: Can not perform this action after onSaveInstanceState"

2) make sure initialSetup is not called again if orientation is changed during database initialization

#71 - app crashes, triggered by a foreign key constraint violation, since it tries to map the transaction to a category that does not exist

Solution –

#59 - Declined restore upon reinstall leads to crash

Solution - calling initLoader later should fix

#53 - app crashes with arabic locale

Solution - makes date handling work in non-western locales

199. <https://github.com/gjedeer/mylocation/issues>

Installs: 50,000 - 100,000 Updated: September 2, 2014

#8 - IllegalArgumentException: provider doesn't exist: network

Solution - wrap each requestLocationUpdates() call in if

200. <https://github.com/fixme-lausanne/MyHackerspace/issues>

Installs: 10,000 - 50,000 Updated: July 2, 2016

#17 - application crashes on open status 'null'

Solution – null check

201. <https://github.com/aykit/MyOwnNotes/issues>

Installs: 1,000 - 5,000 Updated: June 13, 2015

#49 - IllegalStateException: attempt to re-open an already-closed object: SQLiteDatabase:

Solution – make sure db is open

202. <https://github.com/pot8oe/mythmote/issues>

Installs: 50,000 - 100,000 Updated: July 13, 2016

#76 - crash with 1.83 on launch

Solution - The crash actually occurs on the status update interval - disabling status updates stops the crash from happening

#64 - WOL causes mythmote to crash

Solution - The problem is that the frontend ip address is used to find the network broadcast address. The network broadcast address should be obtained from the network stack and not parsed from the frontend ip.

203. <https://github.com/alegen/netclip/issues>

Installs: 10 - 50 Updated: August 18, 2016

#2 - Crashes/stopped, upon launch/run, every time.

Solution - There was an issue where I was using a method available only for APIs 23 and above. Replace getContext with getActivity

204. <https://github.com/caarmen/network-monitor/issues>

Installs: 50,000 - 100,000 Updated: March 4, 2017

#85 - EventBus crash. IllegalArgumentException: Missing event handler for an annotated method. Is class ca.rmen.android.networkmonitor.app.log.LogActivity registered?

Solution - Use greenrobot instead of otto, for the event bus

#60 – OutOfMemoryError. Crash when exporting large excel file

Solution - Some file exports need to create the whole file in memory before saving it. (This is currently the case with the Excel export, whether we use jexcelapi or poi). On some devices, with large exports, we may not have enough memory to export the whole file. Here we detect a low memory situation, and stop creating rows.

#12 - PlayStore crash when exporting on a non-gsm, non-cdma device. IllegalArgumentException: Error: unknown phone type 0

Solution - Correction to prevent crash when exporting report on device with unknown device type

#8 - Crash when exporting to Excel. OutOfMemoryError

Solution - don't load the entire workbook into memory

205. <https://github.com/TeamNewPipe/NewPipe/issues>

#428 - Resources\$NotFoundException: Resource is not a ColorStateList (color or path)

Solution – correctly define resource

#441 - NullPointerException when opening "Downloads" with android-api < 23

Solution - in api< 23 this (super.onAttach(activity);) is never called so mActivity=null. add deprecated Fragment.onAttach(Activity)

206. <https://github.com/samuelclay/NewsBlur/issues>

Installs: 50,000 - 100,000 Updated: June 24, 2017

#911 - Crash marking folder read from long press. ArrayIndexOutOfBoundsException: length=12; index=-1

Solution - fix marking folders read from context menu

#866 - Crash when mark folder read selected for Global or All Shared Stories

Solution - Disable folder context menu for global shared stories row

#831 - Registration Crashes

Solution - Fix Android registration error crashes.

#710 - Crash on long press -> Delete Feed for Blurblogs

Solution - unfollowing a user from the long press menu

#591 - crash reports from market where new service lifecycle cuts off while there are still actions being executed right as user exits app.

Solution - Cleaner service shutdown.

207. <https://github.com/nextcloud/android/issues>

Installs: 100,000 - 500,000 Updated: May 29, 2017

#1017 – NullPointerException

Solution – check null

#959 - Crash After Rotation. IllegalArgumentException: You cannot start a load for a destroyed activity

Solution - prevent using destroyed activity. Catch exception

#921 - NPE during Activity orientation change. Butterknife is causing a problem while rotation.

Solution - the only way I found working is to not use it on swipeViews

#883 – NPE ManageAccounts Activity Crash

Solution – null check

#850 - Crash when rotate. IllegalArgumentException: Trying to execute a remote operation with a NULL Context

Solution – change logic as well as catch exception

#843 - After open many times PreviewImageActivity the App is crashing. Preview Image OutOfMemoryError

Solution - PreviewImageActivity is removed from the stack activity.

#820 - Upon logging in after enabling TOTP, the app crashes. Switching off TOTP hasn't resolved the problem, and I've cleared data/cache for the app as well.

Solution - Delete all accounts on first run. Sometimes, accounts are not deleted when you uninstall the application so we'll do it now

#694 - App crashes when loading an huge directory, TransactionTooLargeException

Solution - Ideally in the future, we'll use persistent storage (sqlite) for this instead of the Data Holder I just wrote, but this works.

#483 - Crash for email-shared folders/files

Solution - adding proper email share handling

#448 - FolderPicker - App crashes while rotating device. NullPointerException

Solution – move the instantiation of an object to onCreate() method

#388 - App crashing after taking a photo on Android < 7. NullPointerException

Solution - in case of sharedPreferences not accessible fallback to "do nothing"

#361 - crashes app when opening instant upload. SQLiteException. This crashes the query since the ' isn't escaped and corrupts the database query.

Solution - fix media queries escaping folder names and respecting folders with same names

#336 - android app crashes when trying to sort a directory of photos to upload

Solution - Use correct array of options

#283 - Crash when sending non-existing log. IndexOutOfBoundsException

Solution - IndexOutOfBoundsException check

#279 - dismiss(DialogFragment) after pause/resume crashes. IllegalStateException: Can not perform this action after onSaveInstanceState

Solution – replace loading.dismiss(); with loading.dismissAllowingStateLoss();

#201 - NPE in ExpandableUploadListAdapter...setText

Solution – null check

#198 - IllegalArgumentException: Comparison method violates its general contract!

Solution – check a condition

#117 - Crash when last account is deleted. NPE

Solution – null check

#81 - Grid view > back while folder is loading crashes app

Solution - check if correct adapter is used

#41 - IllegalStateException: This Activity already has an action bar supplied by the window decor. Do not request Window.FEATURE_SUPPORT_ACTION_BAR and set windowActionBar to false in your theme to use a Toolbar instead.

Solution – remove getSupportActionBar() from source code. Append NoActionBar in android:theme in manifest

#31 - Resources\$NotFoundException: String resource ID #0x7f08017f. Removing file crashes app.

Solution – change resource name in source code

208. <https://github.com/nerzhul/ownCloud-SMS-App/issues>

Installs: 1,000 - 5,000 Updated: June 6, 2017

#149 - IllegalArgumentException: Invalid uri

Solution - Properly handle IllegalArgumentException when URI is not valid in HTTP connector

#73 - 0.19 Constantly crashes on Android 5.0.1

Solution - existingMessages could be null because _existingInboxMessages and other variables could be null when no messages are found in the upcoming JSON file.

#64 - Application stopped working when receiving message without registered account

Solution - Abort sync process earlier when no account is available

209. https://github.com/nextgis/android_gisapp/issues

Installs: 5,000 - 10,000 Updated: March 6, 2017

#533 - Crash on export to GPX. OutOfMemoryError

Solution – properly handle file

#532 - Crash on set new path for map(s). BadParcelableException: ClassNotFoundException when unmarshalling: android.support.v7.widget.Toolbar\$SavedState

Solution - Fix crash in resource dialog

#531 - Crash on editing. IndexOutOfBoundsException

Solution - Fix crash on undo/redo after reorientation

#529 - Crash on GPS coordinates receipt. NPE

Solution – null check

#526 - Crash in layer properties. NPE

Solution – null check

#524 - Crash on sync. NPE

Solution – null check

#523 - Unable to pause activity {com.nextgis.mobile/com.nextgis.mobile.activity.MainActivity}: java.lang.IllegalArgumentException: Receiver not registered. Trying to unregister receiver which is not registered

Solution – catch exception

#520 - Crash on sync. NPE

Solution – null check

#513 - NoSuchMethodError: android.view.MenuItem.getActionView

Solution – check build version. map refresh on API < 11

#512 - NGW setting dialog crash application. IllegalStateException: Dependency "synchronization" not found for preference "sync_period"

Solution – remove setDependency. Fix crash in NGW settings activity for Android 2.3.6

#506 - Crash on list view. NPE

Solution – null check

#505 - Failure delivering result ResultInfo{who=null, request=1, result=-1, data=Intent { (has extras) }} to activity {com.nextgis.mobile/com.nextgis.mobile.activity.MainActivity}: java.lang.NullPointerException

Solution – null check

#502 – OutOfMemoryError. Problem with bitmap

Solution – catch exception

#497 - Crash on layer load from geojson. NPE

Solution – null check

#496 – ConcurrentModificationException

Solution – temp fix

#495 - IllegalStateException: The content of the adapter has changed but ListView did not receive a notification. Make sure the content of your adapter is not modified from a background thread, but only from the UI thread.

Solution –

#494 - Crash while selecting feature. NPE

Solution – null check

#492 - Crash in map fragment. NPE

Solution – use final keyword

#491 - Crash on start. NPE

Solution – show toast and return null

#488 - Edit attributes produce crash. NPE

Solution – null check and show toast

#484 - Crash on edit account. NPE

Solution – null check

#483 - ClassCastException: com.nextgis.maplib.map.NGWLookupTable cannot be cast to com.nextgis.maplib.map.Layer

Solution – change type to Table

#482 - IllegalStateException: Expected an int but was BOOLEAN

Solution – catch exception

#481 - Crash on zip file import. NPE

Solution – null check

#346 - ClassCastException: java.lang.Boolean cannot be cast to java.lang.String

Solution - Wrong status panel settings

210. <https://github.com/FengMoeTeam/NHentai-android/issues>

#19 - App crashes when you click on Storage in the settings.

Solution - Get the activity context, not the fragment context

#1 - Crash when running on Android 4.2, because getExternalCacheDir() returns null.

Solution – null check

211. <https://github.com/spacecowboy/NotePad/issues>

Installs: 100,000 - 500,000 Updated: December 2, 2015

#333 - Crash on 4.4.4

Solution - Fix drawable state list which crashes on 4.4.4

#332 - Crash on large devices

Solution - Fix crash on Nexus10. Remove layout from resource file

#293 - IllegalStateException: Fragment TaskListFragment_{1fdd6c32} not attached to Activity

Solution - Catch exception to fix crash. Might get a race condition where fragment is detached when getString is called

#291 - Crash, nullpointer exception

Solution – null check

#214 - F-Droid version: force-close on sync. IllegalArgumentException: Illegal character in query at index

Solution - Dummy key has a space in it. Only builds using real api keys should not have spaces

#198 - Crash on sync if default list is removed

Solution - Deleting the default list will now only re-download it on sync. Would be the same for conflicting lists but etags dont seem to work on lists. Also dont make unnecessary copy deletes

#153 - Crash on theme change. `IllegalStateException: Fragment NotesEditorFragment{41626ed8} not attached to Activity`

Solution - check `getActivity` is not null or not `isFinishing`

#136 - Nullpointer crash

Solution - null check

#134 - app consistently crashes as I turn the device to type in landscape mode

Solution - if `(activity != null) activity.finish();`

#116 - FC when switching from light to light with dark action bar (3.5.1). `IllegalStateException: Fragment NotesEditorFragment{417955a8} not attached to Activity`

Solution - check `getActivity` is not null or not `isFinishing`

#115 - Delete all lists and notes and close app. Open again keep crash.

Solution - Now impossible to delete the last list.

#40 - Unable to pause activity

```
{com.nononsenseapps.notepad/com.nononsenseapps.notepad.FragmentLayout$NotesEditorActivity}:  
java.lang.NullPointerException
```

Solution - null check

#35 - Crash on quick settings change. `IllegalStateException: Fragment NotesPreferenceFragment{4180c8d8} not attached to Activity`

Solution - check if the activity is finishing

#7 - Something crashed. Likely it was onResume or somewhere following.

Solution - Fixed a case where a resume on the app could crash it since it would have no data in the URI.

212. <https://github.com/tjg1/nori/issues>

Installs: 1,000 - 5,000 Updated: June 6, 2017

#71 - `OutOfMemory`. Infinite dialog loop when video files can't be loaded. caused by the `setOnCompleteListener` method trying to loop the video without checking if it was properly loaded.

Solution - check `VideoPlayerFragment.this.isPrepared` before starting `mediaPlayer`

#31 - If you scroll far enough down and select an image, Nori will crash while trying to pass on the `SearchResult` to `ImageViewerActivity` running out of available memory.

Solution - Don't pass entire `SearchResults` to `ImageViewerActivity`

#28 - Crash when restoring state of suspended activities. `AndroidRuntimeException: Window feature must be requested before adding content`

Solution - Request window features before call to `super.onCreate`

#14 - app crashes after a few minutes of use. To investigate, run monkey on `ImageViewerActivity` and look for possible memory issues.

Solution - Don't use Volley in `ImageViewerActivity` Hopefully putting an end to `OutOfMemoryErrors` while loading large bitmap.

213. <https://github.com/guardianproject/notecipher/issues>

#17 - While editing a note, changing to another application and then changing back to NoteCipher again causes a fatal exception. This causes the application to die and then forces the user to enter the password again.

Solution - `stopManagingCursor`

214. <https://github.com/tmarzeion/drawable-notepad/issues>

#4 - Crash if no text

Solution - fixed empty note load crash

[#23](#) - app fails when you make many notes. Especially if i'm using bitmap it easily exceeds gc heap and gives OutOfMemoryError

Solution – refactor asyncTask and use adapter

215. <https://github.com/SimpleMobileTools/Simple-Notes/issues>

Installs: 10,000 - 50,000 Updated: June 22, 2017

[#80](#) - Application crashes when note title is created or edited if orientation has been changed after changing the title

Solution – Override finishUpdate and catch exception

[#46](#) - SQLiteException: no such column:

Solution - update the logic at upgrading db versions

216. <https://github.com/stefan-niedermann/nextcloud-notes/issues>

Installs: 1,000 - 5,000 Updated: May 17, 2017

[#199](#) - App crashes when accessing note and go back to list. IllegalStateException: attempt to re-open an already-closed object

Solution - remove db.close()

[#177](#) - API Compatibility Issues. NoSuchMethodError

Solution - remove widget

[#102](#) - 0.7.1 crashes on saving an edited note

Solution – check cursor.getString does not return empty

[#65](#) - NullPointerException when trying to save

Solution – null check

217. <https://github.com/holylobster/nuntius-android/issues>

Installs: 5,000 - 10,000 Updated: April 17, 2015

[#29](#) - ClassCastException: android.graphics.drawable.VectorDrawable cannot be cast to android.graphics.drawable.BitmapDrawable

Solution – check whether the icon is an instance of bitmap drawable

218. <https://github.com/schnatterer/nusic/issues>

Installs: 1,000 - 5,000 Updated: March 27, 2017

[#12](#) - "No peer certificate" error

Solution - changed the default cert to be the one used by the web service.

219. <https://github.com/justdave/nwsweatheralertswidget/issues>

Installs: 10,000 - 50,000 Updated: June 18, 2016

[#13](#) - Couldn't resolve menu item onClick handler onSettingsMenuItemSelected in class android.view.ContextThemeWrapper

Solution – correctly handle onOptionsItemSelected

[#2](#) - NWSWidgetService seems to get a new copy started every time the update event fires

Solution - call appWidgetManager.notifyAppWidgetViewDataChanged directly from the widgetService instead of sending an Intent to the Provider class to do it.

220. <https://github.com/jensstein/oandbackup/issues>

[#147](#) - Backing up "Android System" crashes with version 0.2.12

Solution - backing up the android system package causes a NullPointerException because its dataDir is null. Check if ApplicationInfo.dataDir == null

[#140](#) - Crash on startup after collecting package info. (java.lang.IllegalArgumentException: width must be > 0)

Solution - If the application icon returned by ApplicationManager is a BitmapDrawable, the width or height of its Bitmap can be 0. This causes an IllegalArgumentException when the Bitmap is passed to createScaledBitmap. Therefore the width and height should be checked before manipulation.

#105 - Compression.getfiles: listfiles returned null then crashes. It crashes with bunch of them But in this particular case it crashed when backing up AIMP (apk+data)

Solution - Add permission READ_EXTERNAL_STORAGE

#82 - oandbackup crashes on start on Android 5.0.2. ClassCastException:

android.graphics.drawable.VectorDrawable cannot be cast to android.graphics.drawable.BitmapDrawable

Solution - Handle icons that are not BitmapDrawable (for example VectorDrawable for Android L) Check if the app. icon is of BitmapDrawable type. If true, then use createScaledBitmap. Otherwise, create a bitmap from the drawable.

#76 - crash when clicking search button before package info is collected

Solution - Make sure adapter is initialised before search

221. <https://github.com/schaal/ocreader/issues>

#48 - App stops while swiping through articles

Solution - Save and restore webView's scrollPosition in Fragment

#42 - App crashes when a specific feed appears on screen. NPE

Solution - Fix crash when favicon uri doesn't have a path segment. Null check

#44 - SocketTimeoutException: timeout

Solution - Increase read timeout

#26 - com.squareup.moshi.JsonDataException: Expected a string but was NULL at path \$.items[90].contentHash

Solution - Ignore contentHash for now

#1 - IllegalStateException: Expected a string but was NULL

Solution - Add nullSafeString method to check for null value in json response

222. <https://github.com/slapperwan/gh4a/issues>

Installs: 100,000 - 500,000 Updated: April 15, 2017

#567 - App crashed because of specific MD tag

Solution - Insert ordered list item marker when starting tag is found. Ensures insertion doesn't disturb paragraph spans later.

#524 - Crash when long pressing on issue comments. ClassCastException:

android.widget.RelativeLayout\$LayoutParams cannot be cast to

android.support.v7.widget.RecyclerView\$LayoutParams

Solution - Only attach context menu info to direct children of RecyclerView.

#513 - Crash when trying to open link from pull request. NPE

Solution - Make sure not to add null users to the mention candidate set. Null check

#460 - Typing html tags in comments can crash the app

Solution - Also insert a newline at the beginning of a code block

#315 - Refreshing .raw files. NPE

Solution - refresh content list fragment on refresh. It contains a reference to mRepository.

#303 - Opening a repository crashes the app. a broken/unsupported SVG image.

Solution - Improve SVG size handling. Instead of crashing if an SVG doesn't provide a document size, gracefully fall back to using the device's display size, taking into account the SVG aspect ratio if available.

#293 - Pulling Down to Refresh in any Repository. NPE

Solution - Fix NPEs on refresh. Make sure we safeguard against all kinds of timing issues.

#289 - SecurityException: No permission to write to /storage/emulated/0/Download/AnyKernel2-

master.zip: Neither user 10096 nor current process has android.permission.WRITE_EXTERNAL_STORAGE.

Solution - Add runtime permission check for external storage access.

#78 - Crash when long press on the search result

Solution -

223. <https://github.com/gateship-one/odyssey/issues>

Installs: 1,000 - 5,000 Updated: May 17, 2017

#48 - java.lang.NullPointerException when switching to next track

Solution - start second MP if it became the primary MP before finishing

224. <https://github.com/openintents/filemanager/issues>

Installs: 5,000,000 - 10,000,000 Updated: February 14, 2014

#30 - FileManager may crash when click "Compress". NPE

Solution - crash when unable to compress due to lack of permissions. Catch exception

#12 - Multiselect does not work in 1.3-rc1 for devices below Honeycomb

Solution – change implementation

225. <https://github.com/openintents/notepad/issues>

Installs: 500,000 - 1,000,000 Updated: February 13, 2017

#11 - SecurityException: Permission Denial: opening provider

org.openintents.shopping.provider.ShoppingProvider

Solution – add missing permission

226. <https://github.com/openintents/shoppinglist/issues>

Installs: 1,000,000 - 5,000,000 Updated: May 4, 2017

#18 - Persistent crash due to unescaped tag filter. SQLiteException: near "s": syntax error (code 1)

Solution – filter escape char

227. <https://github.com/federicoiosue/Omni-Notes/issues>

Installs: 100,000 - 500,000 Updated: March 11, 2017

#330 - Crash on audio attachment played. NPE

Solution – null check

#266 - List widget crash on initialization

Solution – upgrade support library version

#247 - Crash when sorting by reminder. NPE

Solution – null check

#228 - Crash when undoing operation on last item of the notes' list

Solution – check implementation logic

#226 - Crash on new category creation. ArrayIndexOutOfBoundsException

Solution - It's due to wrong random category color definition

#222 - Crash opening SnoozeActivity on Marshmallow. IllegalStateException: Activity

{it.feio.android.omninotes/it.feio.android.omninotes.SnoozeActivity} did not call finish() prior to onResume() completing

Solution – Theme issue

#200 - Crash on attachment deletion

Solution – change implementation logic

#190 - Sort Selection Crash

Solution - Avoid errors when resource name is not retrieved. Catch exception

#160 - Search in Reminders crashes in Beta

Solution – modify db query

#108 - Crash on multiple attachments on APIs < 16

Solution – check build version and act accordingly

#92 - Swipe beneath note crashes app

Solution – catch exception

#59 - Broken Restore

Solution – change implementation

#17 - Crash when swiping empty area below notes

Solution - listFooter.setOnClickListener(null);

228. <https://github.com/vliRuS/Omnomagon/issues>

#1 - Crashes on turn with auto-refresh enabled

Solution - on pre ICS devices you have to call the super function in the onChangeListener.

229. <https://github.com/TheTorProject/ooniprobe-android/issues>

Installs: 50,000 - 100,000 Updated: May 16, 2017

#76 - NullPointerException: Attempt to invoke virtual method 'boolean java.lang.Boolean.booleanValue()' on a null object reference

Solution - Make sure all attributes are initialized, so to ensure that there are no surprises if the constructor is not called.

#57 - Click on ooniprobe icon on drawer causes crash. ArrayIndexOutOfBoundsException

Solution – check bound

230. <https://github.com/openfoodfacts/openfoodfacts-androidapp/issues>

Installs: 1,000 - 5,000 Updated: March 24, 2017

#532 - Crash on 4.x tablet - latest version. Resources\$NotFoundException

Solution – extract resource properly

#510 - Crash on initial Allergen Alert load. SQLiteConstraintException: UNIQUE constraint failed

Solution – replace insert with insertOrReplace

#409 - Crash when clicking on product in history. StringIndexOutOfBoundsException

Solution – check bound using Math.max

#380 - CRASH when clicking on deleted product. StringIndexOutOfBoundsException

Solution - The API doesn't return ingredients text with the _ token. the replace method could be removed

#376 - Crash when sending Three products. IndexOutOfBoundsException

Solution – check bound

#342 - Crash when redirecting to a newly created product. NPE

Solution - product can have no labels. Remove trim method from labels

#329 - App crashes when camera permission is off. SecurityException: Permission Denial: starting Intent from ProcessRecord() with revoked permission android.permission.CAMERA

Solution – implement runtime permission

#322 - Crash after product save. NPE

Solution - not save the item if the front uploaded image is not available

#187 - From the scan fragment, when the product doesn't exist a popup appears and when i want to add the product the application crash

Solution – change implementation logic

#150 - Crash on usage. NPE

Solution – null check

#132 - Crash when accessing the product 3502110004253

Solution – null check

#57 - Camera crash

Solution - Update camera scan view

231. https://github.com/GunshipPenguin/open_flood/issues

Installs: 5,000 - 10,000 Updated: January 28, 2017

#19 - Crash and the end

Solution – correct string formatting in resource file

232. <https://github.com/ctodobom/OpenNoteScanner/issues>

Installs: 10,000 - 50,000 Updated: February 1, 2017

#73 - Crash after scan, when launched via intent. NPE. trying to perform an animation on an image that has been deleted.

Solution - Don't animate icon when launched from intent

#33 - Crashes when loaded from another app

Solution - work with apps that requests ".nomedia" suffix on files

233. <https://github.com/chaosbastler/opentraining/issues>

Installs: 10,000 - 50,000 Updated: March 22, 2015

#33 - IllegalArgumentException causes crash in FExListActivity. As the new exercise had no history/training entries the app would crash later when trying to access the training entry.

Solution - disable button for loading old training if there is at least one exercise that has no history

#32 - NullPointerException causes crash in CreateWorkoutActivity

Solution – null check

#27 - Crash on Android 2.3.3 - 2.3.7. IllegalArgumentException: contentIntent required

Solution - Since the RecoveryTimerManager has been added the app crashed on Android 2.X.

Guess this is the reason for some 1 star Play Store reviews.

234. <https://github.com/bparmentier/OpenBikeSharing/issues>

Installs: 1,000 - 5,000 Updated: May 8, 2017

#21 - Cannot compile after fork. NPE

Solution – null check

#16 - Crash when trying to see the map

Solution - Fix crash in API level <= 16. GeoPoint API

235. <https://github.com/openbmap/radiocells-nlp-android/issues>

#12 - cell-based geolocation issue on some Android ≤ 4.1 devices. NoSuchMethodError:

android.location.Location.getElapsedRealtimeNanos

Solution - Use all available API calls to scan for cells, providing cell-based API lookup on API < 17

#1 - Crashing on my phone. NPE

Solution – change implementation logic

236. <https://github.com/TomTasche/OpenDocument.droid/issues>

Installs: 1,000,000 - 5,000,000 Updated: August 20, 2016

#23 - DocumentActivity onError method crashes due to infinite recursion

Solution - rename onError to handleError in DocumentActivity just to make sure we unintentionally repeat bug

#15 - crashes on invalid password entry

Solution - show password dialog again after failed decryption

237. <https://github.com/open-keychain/open-keychain/issues>

Installs: 100,000 - 500,000 Updated: May 1, 2017

#2044 - Crash in MultiUserIdsFragment on empty name? NPE

Solution - null check

#2042 - 4.2.3 crash: IllegalStateException: Couldn't read row 0, col 0 from CursorWindow

Solution - no consolidate for now, often crashes!

#2002 - onion address on 4.2.1. NPE

Solution – null check

#1960 - "Update all keys" broken: freezes and crashes OpenKeychain. OOM

Solution - Fix OOM bug in multi threaded key import. Use final keyword

#1956 - Account crash on Android 7

Solution – change in resource file

#1955 - Crash when opening keybase profile

Solution – correctly retrieve string value

#1928 - Physical keyboard causes crash

Solution – change variable name from all capital to all small letter

#1854 - Importing keys: listview may show keys although no valid keys are found

Solution - A simple fix to clear the list of detected keys when parsing key file gives an error.

#1849 - Security Token: NullPointerException on UsbConnectionDispatcher

Solution - Fix rotation crash in CreateSecurityTokenWaitFragment. Replace onCreate with onActivityCreated

#1809 - crash with MaskedEditText. StringIndexOutOfBoundsException

Solution - Revert usage of masked-editttext, back to plain edittexts for backup codes

#1806 - app crash on mi4i. ActivityNotFoundException: No Activity found to handle Intent

Solution – catch exception and fake intent return.

#1766 - NullPointerException in ImportKeysListFragment.checkAndRequestReadPermission

Solution – null check

#1701 - crash in KeyserverSyncAdapterService. ArrayIndexOutOfBoundsException: length=0; index=0

Solution - Caused by no account being created by the time isSyncEnabled was called. The intent was using ACTION_CANCEL (used in the onResume of BaseActivity), and since no Activity could have started before onCreate in KeychainApplication (documentation) was called, it looks like onSyncCancelled in KeyserverSyncAdapter was triggered somehow before onCreate completed. Is this possible?

#1688 - crash on FileNotFoundException in ImportKeysListLoader

Solution – handle the exception

#1672 - PassphraseDialogActivity.java:203 NullPointerException

Solution – change place of code

#1649 - Crash when clicking on advanced screen certificate. NPE

Solution – change logic

#1637 - Highlighter crashes on brackets. PatternSyntaxException

Solution – change logic

#1630 - android 6 crash on key search

Solution - Make ContactHelper less static

#1611 - v3.7 crashes when you click encrypt text icon. NPE

Solution - encryptkeycompletionview: don't initialize to null on attach

#1582 - encrypted text is decrypted in APG but not in open-keychain. ClassCastException: org.spongycastle.bcpg.MarkerPacket cannot be cast to org.spongycastle.bcpg.InputStreamPacket

Solution - decrypt: skip all encountered marker packets

#1556 - App crash when backup

Solution - viewkeyactivity: ask for passphrase for backup only if key has one

#1493 - Unhandled exception when scanning NFC Yubikey during seemingly any crypto operation.

RuntimeException: Can't create handler inside thread that has not called Looper.prepare()

Solution - Remove default PIN setting

#1488 - ClassCastException: ImportKeyResult cannot be cast to EditKeyResult

Solution - editkey: always return EditKeyResult

#1480 - Crash on "update all": RuntimeException

Solution - Issue was due to mProviderHelper.clearLog() being called in parallel with mProviderHelper.savePublicKeyring() during multi-threaded key import. No wonder it was so hard to reproduce.

#1470 - App crashes when click "skip setup". UnsupportedOperationException: Can't convert to color. Resources\$NotFoundException

Solution - Fixed crash on api < 21 due to drawable using attrs. drawables can't refer to an attribute. The workaround implemented from there involves having a separate drawable xml for each theme.

#1422 - crash on subkey-add if primary key is divert-to-card. NPE

Solution - addition of subkeys for divert-to-card primary keys is not supported. Display error msg

#1420 - NullPointerException in uploadKey (Preferences.updateSharedPreferences). this is one of the cases where getActivity() is used without a null-check.

Solution - handle getActivity() by queueing results in CreateKeyFinalFragment.

#1412 - NullPointerException: ParcelableProxy.getProxy()

Solution – null check

#1398 - Keyserver preference: Crashes on empty list

Solution - I've made it accept already existing empty keyserver preferences (in case someone updating has 0 keyserver), but it won't let you delete if you have only 1 keyserver. Having 0 keyserver was unchecked in all places where getPreferredKeyserver was being used.

#1397 - NullPointerException in CryptoOperationFragment.

Solution - I actually return null as error state in more than one place in PgpDecryptVerify

#1390 - Crash on non-pgp file for decryption.

Solution - catch ArrayIndexOutOfBoundsException in decrypt operation, might be thrown from BouncyCastle

#1356 - crash when using icon theme with mask for unknown icons. I've experienced crashes in openkeychain when using the icon theme provided by Twelf.

Solution - New all-white status bar icon to fix issue

#1315 - Force close when binding from a Yubikey Neo. NPE

Solution - Merge pull request #1318 from adithyaphilip/remove-nan Prevent NaN Progress Dialog on import with no selected keys

#1314 - crash when restoring a passphrase. AssertionError: Unhandled SecretKeyType (should not happen)

Solution - fixed this one by handling empty passphrases in PassphraseDialogActivity

#1311 - Crash on key deletion

Solution - not using cache for delete/export operation anymore

#1266 - NullPointerException in PassphraseDialogActivity.java

Solution - subKeyId could be null in a passphrase RequiredInputParcel created from an nfc RequiredInputParcel.

#1265 - ArrayIndexOutOfBoundsException in KeyFormattingUtils.convertFingerprintToHex

Solution - Change convertFingerprintToHex to use RuntimeException

#1261 - java.lang.AssertionError: User ids MUST be self-certified at this point!!

Solution - allow user packets with only revocation packet

#1260 - Clicking on linked contact crashes the app every time. ActivityNotFoundException: No Activity found to handle Intent

Solution - Had assumed secret key would always have a raw contact in 'me' profile. Assumption would fail if user imported contact from file (sync was missing) or manually deleted contact.

#1229 - tokenautocomplete crashes. IllegalStateException: attempt to re-open an already-closed object: SQLiteQuery

Solution – check cursor is closed

#1227 - crash in tokenautocomplete. RuntimeException: Unable to destroy activity:

java.lang.NullPointerException

Solution – null check

#1173 - Input of passphrase for symmetric encryption causes crash

Solution – null check

#1123 - Create key crashes after finish when executed from SelectSignKeyIdActivity

Solution - Put API activities in normal process in the manifest to allow hydrate/dehydrate of logs

#1081 - App Crashes when trying to change key configuration. The App crashed because the Adapter was trying to call a method on a null object. CheckBox was null because in the Layout file

view_key_adv_user_id_item.xml. There is no such widget with id = user_id_item_check_box

Solution - removed the two lines which were causing the bug, and now the screen loads perfectly.

#1059 - Crash on expiry change

Solution – change logic

#997 - Crash when clicking NFC button

Solution - Check if NFC is available on device

#984 - crash after exchange before certification screen. UnsupportedOperationException: getBlob is not supported

Solution - retrofit getBlob method of matrixcursor for android 2.3

#978 - crash on certify with yubikey key

Solution - Display error on certification attempt with yubikey

#969 - Android 5.0 crash when trying to open the app. Resources\$NotFoundException

Solution – Catch exception

#931 - NullPointerException in DecryptActivity

Solution – null check

#885 - Yubikey: NfcActivity singleTop not working correctly

Solution - singleTop is set to get NFC foreground dispatch to work. Then, all NFC intents will be broadcasted to onNewIntent() of this activity! If more than one task stack of OpenKeychain exists, the broadcast restarts the activity with onCreate() instead of calling onNewIntent(). taskAffinity and allowTaskReparenting somehow prevents this from happening!

#582 - cursor exception on Android 2.3 (no crash). DatabaseObjectNotClosedException: Application did not close the cursor or database object that was opened here

Solution - Fix some smaller annoyances

#567 - clicking on actionbar back in certificate activity crashes

Solution - add up navigation in ViewCertActivity

#549 - split up getMasterKeyId. The crashes all over the place are caused because you disabled the quick-parse of the masterKeyId in getMasterKeyId. Due to that, querying generic uris crashes.

Solution - split getMasterKeyId for the remaining use cases

#365 - Preselection crashed OpenKeychain

Solution - Move search view into onCreateView

#149 - Crash on Samsung Galaxy S3 with Android 4.3 custom rom (/dev/urandom - permission denied)

Solution - the original code sample below crashed on a small fraction of Android devices due to /dev/urandom not being writable. We have now updated the code sample to handle this case gracefully.

238. <https://github.com/OpenLauncherTeam/openlauncher/issues>

Installs: 5,000 - 10,000 Updated: May 28, 2017

#144 - Crash when entering minibar settings. AndroidRuntimeException: Calling startActivity() from outside of an Activity context requires the FLAG_ACTIVITY_NEW_TASK flag. Is this really what you want?

Solution – replace getActivity().getApplicationContext() with getActivity()

#126 - Another crash report (clean install and restoring backup). NPE

Solution – null check

#116 - [Crash] ConcurrentModificationException

Solution - calling setVisibility (as onDragEvent() does which is called by DragOptionView::dispatchDragEvent()) modifies the list of views that is being iterated over by the Android framework. Don't change visibility inside the onDrag handler

#113 - Crash on startup if items in the db are not in page order

Solution - Add enough pages to make the needed one exist rather than just adding one

#96 - crash when move item on desktop. NPE

Solution – change logic

#92 - Crash attempting to add some widgets

Solution - Round up when converting size in dp to cells

#81 - "All Apps" Action disappears when moved. NPE

Solution – change logic

#79 - Crash when started: Unable to start activity. Resources\$NotFoundException: File res/drawable-nodpi-v4/ic_settings_launcher_36dp.xml

Solution - This error is only on Android version lower than 5.0. In drawable-nodpi we have "ic_settings_launcher_36dp.xml" this file so please change drawable-nodpi to drawable. In

#77 - Crash on boot up. ArrayIndexOutOfBoundsException: length=1; index=1

Solution – check bound

#70 - Crash at startup Array out of bounds in CellContainer.setOccupied

Solution - Check the whole of a widget fits on screen, not just the start

#67 - Crash when opening sound panel while Do Not Disturb is activated. SecurityException: Not allowed to change Do Not Disturb state

Solution – catch exception and show Do Not Disturb access settings.

#64 - this one is happening all the time since I changed the grid size in the app drawer settings to 6x6.

ArrayIndexOutOfBoundsException

Solution - not smooth scrolling when add page left. Change logic

#55 - Crash when reducing amount of dock elements (alpha3)

Solution – change logic

239. <https://github.com/nv95/OpenManga/issues>

#12 - Crashes after returning back from "Reading options"

Solution – null check

#6 - Crash on start reading. NPE

Solution – change logic

240. <https://github.com/AmericanRedCross/OpenMapKitAndroid/issues>

Installs: 1,000 - 5,000 Updated: September 19, 2016

#132 - If there are no OSM files or MBTiles in the deployment directory on OpenMapKit Server, the app crashes when the user tries to download the deployment.

Solution – check file and display error msg

#102 - Adding POI: clicking the '+', then any other icon before confirming crashes OMK?

Solution – check bound and null

#101 - Remove duplicate tag action = 'modify' on created nodes

Solution - v0.13 Fix double modify attribute

#88 - Opening OpenMapKit Pushes User to ODK Collect

Solution - prompts user to open play store to download ODK Collect if it is not installed

#47 - App Crashes When Loading Hundreds of Edits

Solution - Fixes #47 by having an unlimited size thread pool queue

241. <https://github.com/domoritz/open-mensa-android/issues>

Installs: 500 - 1,000 Updated: July 5, 2015

#25 - Crash when selecting a favourite canteen. NPE

Solution - Ignore canteens with missing coordinates

242. <https://github.com/indication/OpenRedmine/issues>

Installs: 5,000 - 10,000 Updated: March 31, 2017

#202 - Crash on FileDownload. SecurityException: at android.os.Parcel.readException(Parcel.java:1620)

Solution - If set to VISIBILITY_HIDDEN, this requires the permission android.permission.DOWNLOAD_WITHOUT_NOTIFICATION.

#175 - App crash on android 2.2. NoSuchMethodError: android.view.MenuItem.setActionView

Solution – check build version

#103 - Crashed when tap the recorded time. The fragment goes to invalid fragment

Solution – create another fragment

#89 - Crash when opening 90% of the issues. NPE

Solution - Fix update on fetch even if the modified date is same

#68 - App crash on show issues. NPE

Solution – change logic

#67 - App crash on v3.6. IllegalStateException: Target host must not be null, or set in parameters.

scheme=null, host=null, path=hostedredmine.com/issue_statuses.xml

Solution - Add URL validation (start with schema) to avoid to crash

#49 - Crash on Android 2.3. IllegalStateException: This HeaderTransformer is designed to run on SDK 14+.

If using ActionBarSherlock or ActionBarCompat you should use the appropriate provided extra.

Solution - Changed imports: uk.co.senab.actionbarpulltorefresh.library.PullToRefreshLayout to uk.co.senab.actionbarpulltorefresh.extras.actionbarsherlock.PullToRefreshLayout

#39 - App crash. NPE

Solution – get relation type

#35 - Crashes on showing issue detail

Solution – check null

#29 - Post error(Exception) on android 2.2. XmlPullParserException: Premature end of document

Solution – check bound

243. <https://github.com/dmfs/opentasks/issues>

Installs: 100,000 - 500,000 Updated: February 10, 2016

#221 - ClassNotFoundException when opening the Editor from the QuickEdit dialog. When there is another app that can handle the Edit Intent for Tasks, the Chooser will crash when the editor is opened from the Quickedit dialog. That's because the extras Bundle contains a custom Parcelable class (the ContentSet).

Solution - Make sure to put custom Parcelables into a nested Bundle to make sure it's not unparcelled by any intermediate system app.

#215 - java.lang.StringIndexOutOfBoundsException: length=119; index=119

Solution - Fix range check when scanning description for a checklist.

#214 - java.lang.NullPointerException

Solution - use a null-safe check for percent complete. It might not always be set.

#211 - java.lang.NullPointerException

Solution - Make sure we're not trying to delete a task if we don't have a ContentSet.

#192 - Crash when saving a task and going to home screen. IllegalStateException: Can not perform this action after onSaveInstanceState

Solution - The solution is to dismiss() the DialogFragment in onPause() if the delayed dismiss() was already scheduled.

#171 - Saving a task without title, but a one line description leads to a crash

Solution - In case the user didn't enter a title and the description is a single line only, we don't have a new line character to delimit the first line. We use the entire line instead to make up a title.

#152 - Crash App on widget creating. The bug is caused by a reference to a non-existing color in the support library.

Solution - Use own base style for dialog buttons on Android 2.x. The support library uses non-existing color references, which causes the activity to crash.

#134 - widget crashes on tapping on task. NPE

Solution – null check

244. <https://github.com/schwabe/ics-openvpn/issues>

Installs: 1,000,000 - 5,000,000 Updated: June 26, 2017

#660 - NullPointerException on CRL selection

Solution - fallback to old file select on newer devices

#604 - Crashes when using tls-crypt

Solution - Update translations in resource files

245. <https://github.com/EthACKdotOrg/orWall/issues>

#37 - "Enable LAN connections" option causes orwall 0.20 crashes. seems a permission I removed is, in fact, really needed

Solution - The NetworkInterface API call seems to require the INTERNET permission.

Using the WifiManager allows us to remove this requirement and just stick with a smaller permissions set:

- ACCESS_WIFI_STATE - ACCESS_NETWORK_STATE

#17 - App crash after restart when device powers down in "browser authorization" mode

Solution - The timer is stopped when we want to disable the browser before gracetime end. Browser state wasn't correct after the reboot, meaning we wanted to "deactivate browser" when it wasn't activated, thus stopping a timer that was never started.

246. <https://github.com/eolwral/OSMonitor/issues>

Installs: 1,000,000 - 5,000,000 Updated: August 28, 2016

#63 - CPU usage animated icon crash

Solution – update notification icon

247. <https://github.com/osmandapp/Osmand/issues>

Installs: 100,000 - 500,000 Updated: May 31, 2017

#3837 - Dozens of crashes when sending device to StandBy. NPE

Solution – change logic with null check

#3775 - OsmAnd crashes on new POI save. NoSuchMethodError: java.lang.Character.isAlphabetic. In

Android docs it's noted that this method is available from API level 19 while android 4.1 has API level 16

Solution – change api

#3746 - NPE when submitting edited POI

Solution – change logic

#3627 - GPX Freeze/crash. IllegalStateException: Couldn't read row 0, col -1 from CursorWindow. Make sure the Cursor is initialized correctly before accessing data from it.

Solution – check cursor

#3568 - Can't save generated gpx files. ActivityNotFoundException: Unable to find explicit activity class {net.osmand.dev/net.osmand.plus.activities.ShowRouteInfoDialogFragment}; have you declared this activity in your AndroidManifest.xml?

Solution – remove the code which starts activity

#3563 - NPE while testing new GPX file analysis

Solution – change logic

#3398 - Tapping the Quick action button crashes OsmAnd. NPE

Solution – null check

#3278 - NPE when selecting some Wikipedia POIs

Solution – null check

#3258 - Crash when long-pressing map (version 2.5.2)

Solution – change logic and null check

#3215 - crash caused by traffic calming hump. NPE

Solution – null check

#3088 - Crash when tapping the screen while it is being rendered

Solution - Added marker on map click

#3051 - Crash on choosing "OSM Live" menu item. NPE

Solution – change logic

#2964 - Quick Search crashes when launched too early after app start. IllegalStateException: Content view not yet created

Solution – handle fragment state properly

#2927 - Osmand crashes when opening the Manage map files menu at the first time.
NoSuchMethodError: net.osmand.plus.OsmandApplication.getExternalFilesDirs
Solution – check build version and handle

#2898 - QuickSearch still crashes. IllegalStateException: InputStream#read(byte[]) returned invalid result
Solution - refactor the way to work with files

#2863 - Crash when attempting to export/play AV notes. NPE
Solution – retrieve package name properly

#2811 - Reproducible OsmAnd crashes. NPE
Solution – null check

#2752 - Crash on OSM notice opening. IllegalStateException: Activity has been destroyed
Solution – check isActivityDestroyed

#2628 - crash when sending local changes. NPE
Solution – get proper context

#2575 - Exception in android.content.res.AssetManager.getResourceValue(). NPE
Solution – get resources properly

#2536 - Crashes during navigation according to GPX route. NPE
Solution – change logic

#2524 - Crash while trying to route along GPX file at
net.osmand.plus.routing.RoutingHelper.updateCurrentRouteStatus. IndexOutOfBoundsException
Solution – check empty condition

#2521 - Crash while trying to route along GPX file at
net.osmand.router.GeneralRouter\$RouteAttributeEvalRule.checkAllTypesShouldBePresent
Solution – use synchronized keyword

#2495 - Search field not filled and then sent causes OsmAnd+ crash (Android KitKat).
IllegalArgumentException
Solution – check non empty

#2469 - Consistent crash. NPE
Solution – change logic

#2421 - Crash NPE
Solution - Rewritten bug dialogs to new API.

#2394 - Crash 2.3 – SearchDialogFragment. NoClassDefFoundError: android.widget.SearchView
Solution - Problem with 2.3 compatibility.

#2240 - AudioVideoNotesPlugin crashes. NPE
Solution – null check

#2239 - Open a link crashes OsmAnd. NPE
Solution – null check on getIntent

#2218 - Crash on 2.3. NoSuchMethodError: android.view.Display.getSize
Solution - Removing scale and fixing crash on Android 2.3 devices.

#2179 - My favs crash. NPE
Solution – null check

#2169 - Crash OSM Live without internet connection. NPE
Solution – null check

#2074 - Setting Split interval of a gpx track cause app crash
Solution – add implementation

#1823 - Create POI - Avanced tab - add more than one Tag -> app crash. IllegalStateException: The specified child already has a parent. You must call removeView() on the child's parent first.
Solution – create view properly

#1820 - Crash on "Manage map files". NPE
Solution – change implementation

#1776 - App crashes: screen orientation is changed on uploading poi. IllegalArgumentException

Solution – implement progress dialog fragment and null check

#1604 - Crashes while using Bulgarian.

Solution - caused by wrong format string in bolgarian in resource files

248. <https://github.com/nguillaumin/osmtracker-android/issues>

Installs: 100,000 - 500,000 Updated: August 21, 2015

#70 - Application crash when UI language is Hebrew

Solution - Fix IW layout by adding missing upload icon

249. <https://github.com/Idionmarcil/OSRSHelper/issues>

Installs: 10,000 - 50,000 Updated: November 21, 2016

#28 - Null pointer resulting in crash when GE returns item >1b

Solution - Handles billions.

250. <https://github.com/0xbb/otp-authenticator/issues>

Installs: 5,000 - 10,000 Updated: December 23, 2015

#6 - Camera Problem Marshmallow

Solution – runtime permission check

251. <https://github.com/Luorak/Ouroboros/issues>

Installs: 10,000 - 50,000 Updated: September 21, 2016

#24 - Application Crashes when submitting blank reply

Solution - Better error checking when submitting a post. Display an error msg

#21 - Copy pastes signature crashes the application

Solution – implement logic

252. <https://github.com/miku-nyan/Overchan-Android/issues>

#12 - App has trouble changing orientations on android 2.3.4

Solution - handle orientation change without activity restart

#51 - 8chan SSL/HTTPS Error. CertificateException: java.security.cert.CertPathValidatorException:

TrustAnchor found but certificate validation failed.

Solution - do not use this security provider for Android 5+ (they already support all SSL protocols anyway).

253. <https://github.com/AliceCA/Overchan-Android/issues>

#13 - Crashes in cache clear method

Solution – catch exception

254. <https://github.com/owncloud/android/issues>

Installs: 100,000 - 500,000 Updated: May 29, 2017

#1883 - Application crash at start

Solution - Prevent access to accounts of other apps with the same name as an OC

#1719 - Crash in SAML when authenticate. ClassCastException:

com.owncloud.android.lib.resources.users.GetRemoteUserInfoOperation\$UserInfo cannot be cast to java.lang.String

Solution – check instanceof and handle the case

#1622 - Sharing via other apps cause crash. IllegalStateException: This Activity already has an action bar supplied by the window decor. Do not request Window.FEATURE_SUPPORT_ACTION_BAR and set windowActionBar to false in your theme to use a Toolbar instead.

Solution – remove android:theme from the activity

#1605 - Crash when begin multiSelect in grid view. NPE

Solution - The MultiChoiceModeListener was being attached to the current AbsListView when you call the method registerLongClickListener(). But if you change the view mode, the new AbsListView, in this case the GridView, doesn't have any listener set.

#1602 - Manage storage is not possible. ActivityNotFoundException: Unable to find explicit activity class

Solution – correct package name in manifest

#1350 - App crashes when long pressing picture in grid view. NPE

Solution – null check

#1348 - App crashes when switching to landscape view NPE

Solution – use object properly

#1341 - "Unfortunately, Owncloud has stopped" after photo when AutoUpload is enabled. NPE

Solution - Protect ContentResolver#query against NULL URI (breaks some 4.x Android versions)

#1300 - Change storage path to empty folder, the app crashes as it tries to access the list of files is set to the content of the folder and thus is empty

Solution - Correctly handle empty directory case when browsing local files

#1259 - Beta: app crashes when copying a file. NPE

Solution – send files through arraylist in putextra

#1169 - I can't upload the video. .OutOfMemoryError. Generation of thumbnail for IMG_20150823_133829.jpg failed

Solution - Grant that cancellations of tasks generating thumbnails really works for reused icon views

#905 - Android client crashed when scrolling. OOM

Solution - create view only if differs, otherwise reuse

#889 - enhancement: app doesnot work with android 2.2.2. NoSuchMethodError:

android.widget.AbsListView.setAdapter

Solution –

#690 - When trying to share a file with ownCloud app that have two accounts, a crash appears

Solution - remembered location when there are multiple accounts

#534 - Crash when error occurs while uploading file to local

Solution - missing string argument in ErrorMessageAdapter for R.string.error_upload_local_file_not_copied

#482 - When I try to login, I get a java.lang.NullPointerException after I entered the server address

Solution - Case sensitive when reading HTTP-Headers

#137 - InstantUploadActivity crashes when the device orientation changes. Its about the way I have added the id the dynamically created components.

Solution – generate id properly

#132 - Crash when sharing contents from other apps to ownCloud (2). IllegalArgumentException: column mime_type is not allowed in queries

Solution – change implementation

#131 - Crash when sharing contents from other apps to ownCloud. NPE

Solution – change implementation

255. <https://github.com/owncloud/News-Android-App/issues>

Installs: 1,000 - 5,000 Updated: May 21, 2017

#530 - App crashes when trying to launch "Settings". Resources\$NotFoundException: File res/drawable/abc_ic_ab_back_material.xml from drawable resource ID

Solution – Use AppCompatActivity instead of ContextCompat to get drawable

#519 - New versions force quit in CM11. Resources\$NotFoundException: File res/drawable-v19/abc_ic_ab_back_material.xml from drawable resource ID

Solution – Change drawable resource

#502 - App crash when scrolling on empty list

Solution – check if the list is empty

#492 - app crashes on start

Solution – set empty instead of null

#487 - App crashes when entering "Settings" on Android 4.4.4. NPE at android.preference.MultiSelectListPreference.onGetDefaultValue

Solution – set default value in resource file

#459 - App crashes on change of device orientation in ListView. getContext() returns null on orientation change.

Solution – change context

#396 - podcasts stop playing, maybe high memory usage

Solution - The garbage collector (or whatever it is) in Android is quite annoying, to the point where I would call it broken. Prevent the Podcast Player from getting killed because of low memory

#388 - 0.9.5.2 App crash when opening an article. SecurityException: Not allowed to bind to service

Solution – add android:process=:remote in the manifest

#371 - Bug since version 0.9.4 at startup. NPE

Solution – upgrade library

#367 - Widget non-functional, crashes frequently

Solution – change implementation

#364 - App crash on Android < 4.1. NoSuchMethodError: android.widget.ImageView.setRotation

Solution - On API LEVEL < 11 we can't use the rotate method.. so we have to set different bitmaps.

#360 - NPE in NewsReaderListActivity

Solution – null check on fragment

#333 - Crash when opening Settings on Android 2.3. NPE

Solution – check build version to get root container

#332 - Crash when opening article after mark newer item as read

Solution – change implementation

#307 - App crash when favicon has a height or width of 0px

Solution – check bound

#301 - Bug: App crashes while adding feed

Solution – null check

#296 - App crashes when cache is full

Solution – replace entrySet with keyset

#291 - App crashes when adding new feed

Solution – check null

#269 - App won't start

Solution – check build version and handle accordingly

#244 - Bug in 0.6.9.8: app crashes if screen rotate. The problem is, that this issue is caused by a bug in a Google API

Solution – use ActionBarActivity

256. <https://github.com/nbossard/packlist/issues>

Installs: 100 - 500 Updated: June 25, 2017

#26 - crash : modifying an item... null pointer

Solution - This is due to item format change, I added a trip uuid... which is missing on previously saved trips. Changed code to support this id missing and display a toast

#11 - changelog crashes the application

Solution - fixed by updating appcompat to 23.2.1

257. <https://github.com/firetech/PacktrackDroid/issues>

Installs: 10,000 - 50,000 Updated: December 4, 2016

#13 - JSON data may be missing textStatus.header

Solution - Add some checks in JSON parser.

#7 - ParcelDetailsFragment.refreshDone() crashes when not attached to activity.

Solution – check fragment is added

258. <https://github.com/mikifus/padland/issues>

Installs: 50 - 100 Updated: March 29, 2017

#28 - Crash on device rotation

Solution – add android:configChanges in the manifest and change implementation

259. <https://github.com/NightWhistler/PageTurner/issues>

#544 - FileDecryptor must not be null. NPE

Solution – catch exception

#504 - NPE in library

Solution – null check

#503 - Crash on MediaReceiver. ClassNotFoundException:

net.nightwhistler.pageturner.pro.activity.MediaButtonReceiver

Solution – correct error in the manifest

#481 - Invalid Base64 in image causes crash. IllegalArgumentException: bad base-64

Solution – catch exception

#426 - Current dev is broken on Android 2.1. NoSuchMethodException

Solution - Was caused by trying to inject the new ClipboardManager.

#379 - Fragment not attached. IllegalStateException: Fragment ReadingFragment{414c3e58} not attached to Activity

Solution - Added some missing isAdded() checks

#312 - Crash on search while reading. Happens only on Android 2.1: the SearchView doesn't have a proper fallback, causing a crash.

Solution - Corrected wrong usage of search dialog

#231 - crash on orientation change. It crashes while trying to restore the saved instance state.

Solution – revert dialog-fragments retain state.

#212 - Opening a new book crashes the app. When opening a completely new book we calculate the pagenumbers in the background, but this process also recycles any bitmaps that have been used. If this happens while displaying the cover-page it crashes the app.

Solution - Calculating pagenumbers no longer actually loads the images.

260. <https://github.com/ValleZ/Paper-Wallet/issues>

Installs: 5,000 - 10,000 Updated: April 8, 2017

#8 - KitKat crashes in settings. NumberFormatException: Invalid double

Solution – change inputType in preferences and catch exception

#7 - Crash by clicking on options

Solution - It crashes when there is a persisted fee stored as string with unsupported format. Catch exception

261. <https://github.com/jklmnn/ParkenDD/issues>

Installs: 1,000 - 5,000 Updated: March 10, 2017

#38 - Crash on search. NPE

Solution – catch exception

262. <https://github.com/ligi/PassAndroid/issues>

Installs: 1,000,000 - 5,000,000 Updated: March 9, 2017

#122 - App crashes when adding to calendar. NPE

Solution – change implementation. Fix a NPE when only a valid-timespan to is given

#78 - Crash when trying to import one of the examples passes. IllegalArgumentException

Solution – change implementation

#96 - java.lang.IllegalStateException: Can not perform this action after onSaveInstanceState

Solution - Lifecycle corrections. Replace onResume with onResumeFragments

263. <https://github.com/phw/Android-PwdHash/issues>

Installs: 10,000 - 50,000 Updated: April 16, 2015

#6 - Crashes when opened from Appsi (apps plugin)

Solution – check null on intent

#5 - Occasional crash on copy to clipboard on Android 4.3. IllegalStateException

Solution – catch exception

264. <https://github.com/zeapo/Android-Password-Store/issues>

Installs: 10,000 - 50,000 Updated: December 30, 2016

#300 - Crash when opening a password: IllegalArgumentException: Max number of dynamic shortcuts exceeded.

Solution – check bound

#245 - "Error from OpenKeyChain: null" when inserting new password

Solution - remove useless and confusing option from the preferences

#207 - Crash when password folder title is too long. ArrayIndexOutOfBoundsException

Solution – add android:singleLine="true" in the layout file

#202 - Crash on opening folder

Solution – use activity instead of context in onAttach

#196 - If you open the app and press the back button, the contents of the activity disappears and the application does not close. If you then click the search button, the application will crash.

Solution – Use proper context

#172 - Service stops when switching tabs in Firefox

Solution – check packagename for null

#155 - External repository broken on Marshmallow

Solution – runtime permission

#142 - Crash when auto filling

Solution – check service connected

#138 - Crash in AutoFill

Solution - need to request permission before attempting to draw dialog

#70 - Password store app stops when I try to insert a new password

Solution - return the root directory if we have nothing in the fragment stack

#19 - Can't open entries – FC. NumberFormatException: Invalid int. if the user leaves the set timer option empty, the app crash.

Solution – catch exception

#13 - Crashing way too much! it is only a mis understanding of how the app work. I will improve the ui so that it does not happen

Solution – show a dialog with info

265. <https://github.com/scoute-dich/PDFCreator/issues>

#26 - Crash if refused Storage permission

Solution – runtime permission

266. <https://github.com/droidapps/pdfreader4Android/issues>

#3 - App every time have a f. c. when I try to open a PDF. I using cm11 on a Sony Xperia z1c.

Solution – add missing permission

267. <https://github.com/SecUSo/privacy-friendly-pedometer/issues>

Installs: 1,000 - 5,000 Updated: March 7, 2017

#28 - Android 4.4.2/ Samsung GT-N7100: Crashes on start.

Solution – update support library and resource files

268. <https://github.com/Frozen-Developers/android-periodic-table/issues>

Installs: 10,000 - 50,000 Updated: November 14, 2014

#2 - App crash. When I press the search button before the app has finished to load all elements, it crashes.

Solution - ElementsAdapter: Fix a crash on a filter being applied while the list was empty

- 269.** https://github.com/PGPAuth/PGPAuth_Android/issues
Installs: 1,000 - 5,000 Updated: May 9, 2017
#16 - Crash on OpenKeychain-Error
Solution - Quick fix for crashing PGPAuth on OpenKeychain-errors. Show msg on error
#9 - Crash if no server URL has been specified
Solution - if server == null, show error msg
#6 - Crash when selecting Key and no Key selected
Solution - null check
- 270.** <https://github.com/Mnkai/PGPClipper/issues>
Installs: 1,000 - 5,000 Updated: November 12, 2015
#8 - Crash on 0.2 when tapping the decrypted data result field
Solution - catch exception
#6 - Crash on 0.12 while copying PGP data to the clipboard
Solution - catch exception
- 271.** <https://github.com/jruesga/PhotoPhase/issues>
Installs: 10,000 - 50,000 Updated: May 15, 2017
#16 - FC in landscape disposition on SGS2. In devices with a small disposition view on landscape, toMatrix method crashes when try to split the right bottom disposition. ArrayIndexOutOfBoundsException
Solution - Fix resizer rect
- 272.** <https://github.com/MrFlyingToasterman/Pijaret/issues>
#3 - Numeric key limited to INTEGER (10 CHARS): invalidint. IllegalStateException
Solution - limited the keybox input to 9.
- 273.** <https://github.com/SecUSo/privacy-friendly-pin-mnemonic/issues>
#6 - App crashes when pressing "showing mnemonics" after pressing backbutton
Solution - add pinEditText.setText("")
- 274.** https://github.com/boombuler/piraten_map_app/issues
Installs: 1,000 - 5,000 Updated: May 19, 2014
#8 - Crash direkt nach Start: UnsupportedOperationException
Solution - Updated osmdroid to fix
- 275.** <https://github.com/jcgruenhage/PlayMusicExporter/issues>
#24 - I have got some crash reports that, if I interpreted the stack trace correctly, come from the debug settings.
Solution - Remove debug preference screen from release builds.
#6 - OutOfMemoryError during the AppIntro
Solution - Converted PNG files to WEBP (much more efficient), using Android Studio build in feature.
Converted startup intro graphics to SVG vector images. Removed a unused resource.
- 276.** <https://github.com/SyntaxBlitz/PluckLock/issues>
#2 - make it not crash when you've got deviceadmin enabled
Solution - Add a device admin checkbox to the settings screen and handle accordingly
- 277.** <https://github.com/acominos/Plumble/issues>
Installs: 10,000 - 50,000 Updated: October 27, 2014
#148 - App Crashing while minimised and network drops
Solution - Avoid populating the channel list when binding to a disconnected service.
#83 - Plumble crash when disconnection manually. (on 4.1.2). NetworkOnMainThreadException
Solution - The only issue here is that the TCP connection is being closed on the main thread. All network communication with jumble is delegated to worker threads normally
#81 - Plumble crash on low sample rate
Solution - alternative sample rate buffer issues.

#28 – Crashes when pushing ptt button repeatedly.
Solution – Update Jumble, fixes threading issues in issue
#19 - Crash if message is sent on server connect. NPE
Solution – null check

278. <https://github.com/thasmin/Podax/issues>

Installs: 5,000 - 10,000 Updated: September 24, 2014

#197 - Podax crashes right upon displaying an episode of Puke and the Gang
Solution – null check. fix crash when there is no description
#192 - Crash on startup makes Podax completely unusable (Nexus 4 with 4.4.2). NPE
Solution - better html to textview handling

279. <https://github.com/caarmen/poet-assistant/issues>

Installs: 50,000 - 100,000 Updated: June 28, 2017

#81 - Crash in ResultListFragment. NPE
Solution - Need to use View.post() with the OnGlobalLayoutListener to be sure all the fragments are loaded before we try to search inside them
#80 - Crash in Search.java. NPE
Solution - Prevent crash if user selects action on a null text selection.
#79 - Crash casting Application to PoetAssistantApplication. ClassCastException
Solution - I haven't found out how to reproduce a crash where `getApplicationContext()` returns an `Application` object which is not a `PoetAssistantApplication` object. Let's see if `getApplication()` has the same problem.
#78 - Crash in TextPopupMenu. NPE
Solution – null check
#44 - Crash: corrupt db. SQLiteDatabaseCorruptException: database disk image is malformed
Solution – change implementation
#41 – Crash. NPE
Solution – change implementation
#35 - Crash when searching for "henchmen". SQLiteException: too many SQL variables
Solution - split mega queries into smaller queries

280. <https://github.com/raatmarien/Point-and-Hit/issues>

Installs: 100 - 500 Updated: April 16, 2015

#1 - App crashes on startup; Caused by UnsatisfiedLinkError
Solution - it turns out I made a mistake linking the libgdx libraries in the fdroid release

281. <https://github.com/Tishka17/Point.im-Android/issues>

Installs: 100 - 500 Updated: May 8, 2016

#13 – NullPointerException
Solution - fix fault on dialog show

282. <https://github.com/aaronjwood/PortAuthority/issues>

#72 - Send WoL UDP packet in a separate thread. Some users are experiencing crashes with the current implementation.
Solution - Move the wake on LAN networking code into an async task
#56 - Non RR types cause a crash
Solution - Remove non-RR record types

283. <https://github.com/SimonMarquis/Android-PreferencesManager/issues>

#1 - Application without title. StringIndexOutOfBoundsException
Solution - Fixed a bug caused by empty applications title. Change implementation

284. <https://github.com/TheRealFalcon/Prestissimo/issues>

Installs: 10,000 - 50,000 Updated: December 17, 2013

#10 - Crash on 4.4 using antennapod

Solution – add missing permission

#7 - exception thrown after (or while?) AntennaPod crashes. NPE

Solution – null check

285. <https://github.com/smithdtyler/prettygoodmusicplayer/issues>

Installs: 1,000 - 5,000 Updated: November 24, 2016

#91 - Player Occasionally Crashes on Bluetooth Disconnect

Solution – catch exception

#5 - I exited the app (killing the service) but then got an error message when I started a phone call.

IllegalStateException

Solution - It's trying to pause, because I forgot to un-register as an audio focus listener.

286. <https://github.com/wolpi/prim-ftp/issues>

Installs: 5,000 - 10,000 Updated: June 17, 2017

#66 - app crashes from time to time when server is stopped ("WakeLock under-locked")

Solution - added check if wakeLock.isHeld() before releasing it, shall avoid crashes

287. <https://github.com/PuffOpenSource/Puff-Android/issues>

Installs: 100 - 500 Updated: October 10, 2016

#3 - Gesture lock crash when changed master password. NPE

Solution – null check

288. <https://github.com/chrisboyle/sgtpuzzles/issues>

Installs: 100,000 - 500,000 Updated: December 25, 2016

#298 - x86/libpuzzles.so: error: undefined reference to 'stpcpy'

Solution - implement stpcpy in library rather than executable. This appears to work on the emulator at API 21 as well as below.

#292 - Completed dialog on startup has race condition? WindowManager\$BadTokenException: Unable to add window

Solution - I hope: delay startup work, including completion dialog, until onResume.

#228 - Crash in android_changed_state / populatePresets

Solution - Simplify game start flow, part 1. In particular, remove calls from C back to Java near the end of the process

#218 - Occasional crashes in string handling

Solution - Take more care not to make a jstring out of uninitialised custom config parts

#48 - Crash on startup with Android version < 2.2.

Solution - I started calling Log.wtf in commit e3f3c31 (and again in commit 9e105fb). This does not exist before Android 2.2, which leads to a crash on startup, so I should soon make a release including commit 020d6ad which gets rid of them.

289. <https://github.com/lgallardo/qBittorrent-Controller/issues>

Installs: 100,000 - 500,000 Updated: June 2, 2017

#112 - java.lang.NullPointerException: Attempt to invoke virtual method 'void android.view.View.setOnCreateContextMenuListener

Solution - This is needed to set the ContextMenu: registerForContextMenu(mRecyclerView);

#82 - Long list of files crashes the app

Solution - Limited the content files shown in Torrent Details up to 20.

#69 - java.lang.NullPointerException: Attempt to invoke virtual method 'java.util.ArrayList com.lgallardo.qbittorrentclient.RSSFeedChannelListAdapter.getRssChannels()

Solution – catch exception

#67 - java.lang.NullPointerException in

com.lgallardo.qbittorrentclient.OptionsActivity.saveQBittorrentOptionValues

Solution - Removed saveQBittorrentOptionValues method. All values are saved by sharedPreferences UI

#62 - Missed MainActivity reference in Settings onPause

Solution – catch exception

#18 - Check crash with navigationDrawerItemTitles or ic_drawer_* files

Solution - String array was moved from the string.xml to arrays.xml to fix this issue.

290. <https://github.com/moezbhatti/qksms/issues>

Installs: 100,000 - 500,000 Updated: September 5, 2016

#585 - Crash when backPress from SettingsActivity after Orientation changed

Solution - Prevent Activity from recreating during orientation change. Add android:configChanges

#584 - QKSMS crashes upon entering from notification and switching to landscape

Solution – change implementation

#562 - App crash when trying to add QKSMS Widget on android API 15.

Solution – check build version and handle accordingly

#265 - java.lang.NullPointerException Attempt to invoke virtual method 'android.content.ContentResolver android.content.Context.getContentResolver()'

Solution – override onAttach and assign activity context to context

#217 - App crashes on first run. Could not find method android.provider.Telephony\$Sms.getDefaultSmsPackage

Solution – check build version and handle accordingly

#123 - if not allow read sms or read contacts permission, will crash. NPE

Solution - some phones do not defaultSmsPackage, they will be assigned to null. Null check

291. <https://github.com/sandsmark/QuasselDroid/issues>

Installs: 10,000 - 50,000 Updated: September 25, 2016

#207 - Crash on network without any channels. NPE

Solution - properly initialized BufferList

#106 - Swiping open the channel or nick lists while connecting crashes QuasselDroid

Solution – null check

#72 - Crash when another user joins a channel containing a slash

Solution - just the parsing that doesn't handle several "/" in the string

292. <https://github.com/QuickLyric/QuickLyric/issues>

Installs: 100,000 - 500,000 Updated: June 4, 2017

#139 - When the searching is processing, screen rotating or slide back to the unfinished page will cause app crash. NPE

Solution – check the object value in bundle is not null

#57 - Fix 2 crashes

Solution – correct mistake in proguard and check null

293. <https://github.com/andybalaam/rabbit-escape/issues>

Installs: 100 - 500 Updated: January 17, 2017

#476 - When I start Rabbit Escape on a Nexus 10 in portrait screen mode, and choose level Easy 1, it crashes with RuntimeException: Canvas: trying to use a recycled bitmap

Solution - ensure recycled bitmaps are not drawn onto the canvas. Use synchronized

#456 - Crash when you pause with a rabbit off-screen. IndexOutOfBoundsException

Solution - Check we're not out of bounds when asking for overlay.

#451 - Crash on Android when rotating phone as level starts. NPE

Solution - Account for isRunning being called before readyToRun (when screen is rotated)

#373 - Bug: android crashes if level has no hints. ArrayIndexOutOfBoundsException

Solution - android: insert placeholder hints and workaround for null string hints

#325 - Switching to another app and back forgets fast-forward state

Solution - Select the selected token after the button exists

[#116](#) - OutOfMemoryError on Android

Solution - Hold a BitmapCache in a singleton to avoid leaking bitmaps and/or recycling bitmaps that are already in use

[#29](#) - Does not work on Android 2.2. NoSuchMethodError: java.lang.String.isEmpty

Solution - avoid String.isEmpty

294. <https://github.com/mrksbrg/RacketGhost/issues>

[#30](#) - On Samsung Galaxy Express 2, crash when opening new listview on v. 1.5.1. Linking appears wrong, getBallIcon is not found.

Solution - Missing call to getResources() added.

[#27](#) - RacketGhost crashes at startup. ArrayIndexOutOfBoundsException

Solution - Improved string checks

295. <https://github.com/openbmap/radiocells-scanner-android/issues>

[#179](#) - App crashes trying to download maps when there is no internet connection. NPE

Solution - null check

[#140](#) - Crash when I start scanning NoClassDefFoundError: android/telephony/CellIdentityCdma

Solution - NoClassDefFoundError on older Android APIs. Define latest plugin in gradle

[#95](#) - The application crashes when I upload a session and it ends when the application is in background.

Solution - catch exception

[#83](#) - Crash on displaying cell map

Solution - Missing onResume

296. <https://github.com/OEP/rainwave-android/issues>

[#49](#) - Crash viewing artist detail in playlist view. NPE

Solution - fix crash when parsing artist object in PlaylistActivity. Change implementation

297. <https://github.com/eidottermihi/rpicheck/issues>

Installs: 100,000 - 500,000 Updated: February 3, 2016

[#40](#) - Crash QueryException after app goes in background. IllegalStateException: Can not perform this action after onSaveInstanceState

Solution - only show dialog when app is not in background

[#17](#) - pull-to-refresh and refresh button crash. IllegalStateException: You must establish a connection first.

Solution - Prohibit refreshing via Pull and Action Bar simultaneously.

298. <https://github.com/raatmarien/red-moon/issues>

Installs: 500 - 1,000 Updated: April 23, 2017

[#85](#) - if the overlay permission is revoked while automatic filter is enabled, Red Moon will crash.

Solution - change implementation.

[#3](#) - Crashes when turned on Moto G 2nd gen stock 6.0.

Solution - Turns out the app wasn't properly requesting permissions for Android 6.0 and above, since drawing over other apps is considered a dangerous permission.

[#1](#) - Red Moon 2.1 from F-Droid on Android 4.2.2 crashes straight away, the GUI doesn't even appear.

Solution - There was a bug in version 23.2.0 which affected pre Lollipop devices, making them crash on the UI load. The new 23.2.1 version of the libraries fixes this bug.

299. <https://github.com/micwallace/reddinator/issues>

Installs: 50,000 - 100,000 Updated: May 13, 2017

[#14](#) - Reddinator crashes when viewing AboutDialog. AndroidRuntimeException: requestFeature() must be called before adding content" on attempt to view the "about" window.

Solution - change implementation

[#13](#) - App always crashes when in the Theme Chooser

Solution - check getIntent hasExtra before accessing

300. <https://github.com/QuantumBadger/RedReader/issues>

Installs: 50,000 - 100,000 Updated: May 14, 2017

#467 - Crash during commenting. IllegalArgumentException: View=DecorView@51ad0f5[Submitting...] not attached to window manager. ndroid now throws an exception if the activity owning a dialog is closed before the dialog itself.

Solution – catch exception

#375 - Load more comments doesn't work in big posts. TransactionTooLargeException

Solution - modify this to send through only the comment IDs, rather than the entire URLs.

#360 - Crashes when phone language is set to Arabic. SQLiteException: no such column: ٧. the issue was due to String.format using the default locale, and therefore using Arabic numerals in the SQL query.

Solution - Use US locale for string formatting

#241 - Switching back and forth between accounts makes the app crash. NPE

Solution - it should be possible to fix this by storing the activity in onCreateDialog() and using that instead of getActivity().

#240 - Crash - Returning from internal browser. NPE

Solution – null check

#239 - 1.9.0_alpha2 crash - Toggle Collapse comment. ClassCastException

Solution – check instanceof

#91 - Occasional parse error for comments on some posts

Solution - Bugfix when joining two consecutive markdown lines (when the second one has a special prefix)

#25 - reporting a comment crashes redreader

Solution – change implementation

301. <https://github.com/phikal/ReGeX/issues>

#31 - IndexOutOfBoundsException when opening the application

Solution - Removed text-selection being memorized in preferences.

302. <https://github.com/reicast/reicast-emulator/issues>

Installs: 500,000 - 1,000,000 Updated: February 27, 2014

#974 - Crash when open settings in latest Android builds.

Solution - Restore switch compatibility for legacy Android

#848 - reicast-joyconfig crashes in the second button map

Solution - reicast-joyconfig: Fix crash if button/axis is unnamed

#847 - Crash on emulator launch

Solution - I was missing the environment variable XDG_CONFIG_DIRS. Turns out find_system_config_dirs() checked for the existence of XDG_DATA_DIRS but then tried to use XDG_CONFIG_DIRS.

#622 - Soul Calibur freezes after 6 minutes on Shield portable

Solution - sh4_sched: Handle disabled events correctly

#604 - reicast not working on note 3 lollipop

Solution - sh4: don't use asm do_sqw_nommu_area_3, cleaner memops slowpath

#556 - Travis compile crashes sometimes

Solution - Force -j1 on travis to avoid running out of memory

#461 - Once you select the ROM path, the emulator crashes

Solution - Disable internet components when detail option disabled

#434 - Soulcalibur crash when start team battle

Solution - Fix the typo now that it is actually being referenced

#397 - Back Menu broken? NPE

Solution - Kill off some checking for Integer being null in GL2JNIActivity.java. These will never be null, since the functions return a primitive int (changed from Integer to int).

#379 - android/x86 fails to start GL activity. ActivityNotFoundException

Solution - Invert the native activity preference until adjusted for x86

#345 - Crash when using the in game menu

Solution - Add a small buffer to the VMU, Fix the configuration menu

#95 - emulator crashes on OS < 4.1

Solution – check build version and handle accordingly

303. <https://github.com/fasteque/rgb-tool/issues>

Installs: 10,000 - 50,000 Updated: October 18, 2015

#96 - Crash from Google Play console. NPE

Solution – null check

304. <https://github.com/no-go/RickApp/issues>

#1 - Crash on startup

Solution – change implementation

305. <https://github.com/kyriog/rights-alert/issues>

Installs: 100 - 500 Updated: July 2, 2012

#1 - Crash if screen rotates when the ProgressDialog is displayed. IllegalArgumentException: View not attached to window manager

Solution – dismiss dialog on destroy and manage state properly

306. <https://github.com/vector-im/riot-android/issues>

#1262 - Riot got into a startup loop after an OOM crash

Solution – check if app crash and return START_NOT_STICKY

#1180 - The E2E switch was suddenly set to off

Solution – change implementation

#1007 - Room settings: crash when navigating quickly between tabs

Solution – change implementation

#953 - Crash trying to send a message in e2e room with unknown devices

Solution – implement view properly

#754 - Memory leak when opening a room

Solution – set various listeners null in onDestroy

#711 - Instant crash on global message search

Solution - Allow voip in 1:1 encrypted room

#634 - Crash on searching for a room

Solution – null check

#563 - Crash after opening third party notices when the device is turned vertically then horizontally

Solution – catch exception

#387 - Caller crash if callee does not answer

Solution – null check

#155 - The call seems crashing on some devices (galaxy Note 3)

Solution - The call seems having been cancelled whereas the connection was establishing. A null pointer check was not done in this race condition.

#37 - searching for "oddvar" in people crashed the app

Solution - Search a pattern in a null contact displayname crash. Change implementation

307. https://github.com/martinmarinov/rtl_tcp_andro-/issues

Installs: 500,000 - 1,000,000 Updated: April 2, 2017

#5 - A break bug: java.lang.UnsatisfiedLinkError

Solution - Don't crash if platform is not supported

308. <https://github.com/Marlinski/Rumble/issues>

Installs: 1,000 - 5,000 Updated: August 26, 2016

#38 - Empty username crashes app

Solution – check bound

309. <https://github.com/jonasoreland/runnerup/issues>

Installs: 10,000 - 50,000 Updated: December 17, 2016

#419 - Crash after connecting to Zephyr HxM. NPE

Solution – null check

#358 - Crash in custom workout with sequence warmup->rest->active->cooldown

Solution - this turned out to be 3 bugs! 1) don't add interval trigger on rest/recovery if duration is until pressed 2) create a real pause step if duration is until pressed 3) don't add countdown after rest

#310 - Bug: Emulator crashes when adding workout manually. NoClassDefFoundError:

java.util.ArrayDeque

Solution - use layout qualifiers to load correct views for different api levels

#271 - In AbstractEntity.java line 54, keySet() is used, which is available only for sdk v11 and greater.

it make crash runkeeper import on Android 2.3.7 .

Solution – replace keyset.contains with containsKey method

#239 - Crash when opening activity downloaded from runkeeper

Solution - NPE fixed when no start point present

#175 - Total time on watch is incorrect after app crash on watch

Solution – change implementation

#151 - Incorrect handling of typedattr in TitleSpinner they are recycled...and then accessed again. this gives crash

Solution – change implementation

#49 - App crashes after manual entry of activity. SQLiteException: no such column

Solution - add HR columns to create table script

310. <https://github.com/SafeSlingerProject/SafeSlinger-Android/issues>

Installs: 10,000 - 50,000 Updated: September 14, 2015

#106 - NullPointerException in DraftData

Solution - allowing reply attempt for previously unregistered devices.

#123 - FragmentInstantiationException: Unable to instantiate fragment

edu.cmu.cylab.starslinger.view.MessagesFragment\$MessagesAlertDialogFragment: make sure class name exists, is public, and has an empty constructor that is public

Solution –

#86 - IllegalStateException: attempt to re-open an already-closed object: SQLiteDatabase:

Solution – change implementation

311. <https://github.com/sagemath/android/issues>

Installs: 10,000 - 50,000 Updated: October 9, 2014

#63 - crash after simple command

Solution - Basic Image inputs now work

#18 - crash when create cell immediately after create cell

Solution – null check

#17 - sporadic data loss. NoSuchElementException

Solution - use asynchronous I/O for file saving, this apparently is needed to fix

312. <https://github.com/SASAbus/SASAbus/issues>

Installs: 10,000 - 50,000 Updated: February 1, 2017

#24 - Crash when Bluetooth is turned on while SASAbus is running. UnsupportedOperationException

Solution – change implementation

#17 - App crashes when departures textview is empty. NPE

Solution – change implementation

313. <https://github.com/mvglasow/satstat/issues>

#104 - 3.0 and 3.1 crash when switching tags. NPE

Solution – correct the wrong resource id in the source code

#89 - Application crashes when clicking on "Settings". NPE

Solution - Due to an apparent bug in API 17 and lower (possibly also 18), setting android:summary on a MultiSelectListPreference (or descendant) will cause a NPE upon initialization, hence we need to do this programmatically.

#67 - No location permission => app exception. SecurityException: "network" location provider requires ACCESS_COARSE_LOCATION or ACCESS_FINE_LOCATION permission.

Solution – runtime permission

#58 - Crashes under AlienDalvik with µg UnifiedNlp – zoomLevel. IllegalArgumentException: zoomLevel must not be negative: -1

Solution – check bound

#35 - onLocationChange() throws exception if lat/lon is NaN. InvalidArgumentException

Solution - some providers may report NaN for latitude and longitude: if that happens, do not process this location and mark any previous location from that provider as stale

#27 - Crash on starting other activity from Lock screen when SatStat was last active.

IllegalArgumentException: Receiver not registered

Solution – catch exception

#22 - Crash status readout. ClassCastException: java.lang.String cannot be cast to java.lang.Long

Solution – change implementation

#19 - satstat closes on Galaxy S4 mini with cyanogenmod 10.2. UnknownFormatException

Solution - Gracefully handle sensors reporting zero resolution

314. <https://github.com/lkorth/screen-notifications/issues>

Installs: 100,000 - 500,000 Updated: March 17, 2016

#38 - Crash in app list. StringIndexOutOfBoundsException

Solution – check isEmpty

#5 - Fix Async task crash in AppLoader on rotation. IllegalArgumentException: View not attached to window manager

Solution – moving Loaders from AsyncTask

315. <https://github.com/vijai1996/screenrecorder/issues>

Installs: 1,000 - 5,000 Updated: June 7, 2017

#9 - App crashes

Solution - Remove stop recording with FAB feature

316. <https://github.com/caarmen/scrumchatter/issues>

Installs: 500 - 1,000 Updated: April 22, 2017

#30 - Crash: import DB, then rotate the device.

Solution - This probably requires rewriting all the dialogs using DialogFragments instead of AlertDialog.

317. <https://github.com/ilesinge/scuttloid/issues>

#3 - Crash after adding bookmark through share function. NPE

Solution - The trick was to check if the bookmarkContent was initialized.

318. <https://github.com/haiwen/seadroid/issues>

Installs: 50,000 - 100,000 Updated: June 2, 2017

#656 - 2.1.12 app crash if would like to open a document. FileUriExposedException

Solution - If your targetSdkVersion is 24 or higher, we have to use FileProvider class to give access to the particular file or folder to make them accessible for other apps.

#592 - app crash when trying to view or download any text file. NumberFormatException

Solution - The req.contentLength() returns an int, which has a max value of 2GB. So if a file size exceeds 2GB, request.contentLength() would return -1. In such case, we parse the content length from the raw header string directly.

#491 - cannot open settings since 2.0, problem persists in all 2.x. NPE

Solution – null check

#488 - Shibboleth account creation not working since 2.0.0

Solution – replace finish with return in case of account == null

#478 - Seafile 2.0.1: Material Design(?) crash on Android 4.4 or older. UnsupportedOperationException: Can't convert to color

Solution - use Base.Widget.AppCompat.Button as parent style to style negative buttons.

#475 - Seadroid 2.0.0 crashes on opening a big library

Solution – change implementation

#474 - after upgrading to seadroid2, crashes on start. AndroidRuntimeException: requestFeature() must be called before adding content

Solution – call requestWindowFeature before super.onCreate

#437 - Long-pressing a library crashes seadroid

Solution – check additional condition

#426 - Exception when opening file in gallery. IndexOutOfBoundsException

Solution – check a condition

#372 - NPE when opening image

Solution – null check

#309 - Current master crashes on startup if server unreachable

Solution – catch exception

#251 - load avatar null pointer

Solution – check null

#205 - home up button exception of AccountDetailActivity. IllegalArgumentException: Activity AccountDetailActivity does not have a parent activity name specified. (Did you forget to add the android.support.PARENT_ACTIVITY <meta-data> element in your manifest?)

Solution – implement up navigation properly in source code

#170 - Fast directory browsing in Seafile app fails

Solution – change implementation

#154 - Client crashes when trying to open a .aspx file

Solution – replace builder.create() with builder.show()

#124 - crashes on clicking settings. NoSuchMethodError: The method getFragmentManager() is available only since 3.0, in the Activity class.

Solution – use SherlockFragmentManager

319. <https://github.com/vishesh/sealnote/issues>

Installs: 50,000 - 100,000

Updated: March 12, 2017

#25 - Crashes at wakeup

Solution - Check for null password and navigate to PasswordActivity if true. When app permissions are revoked manually, the password in the memory is lost and the app crashes. Pass note to NoteContent.FromString. Tags are passed to NoteContent instead of note that cause the tags to be null when read from parcel.

320. <https://github.com/vackosar/search-based-launcher/issues>

Installs: 500 - 1,000

Updated: December 29, 2016

#10 - Entering RegEx metacharacters causes a crash

Solution - check on special character.

321. <https://github.com/evilrobot69/code/issues>

#1 - Seismo crashes upon resume

Solution - Need to implement more lifecycle methods in the Seismo activity,

322. <https://github.com/fmetzger/android-sensorium/issues>

#1 - Radio Sensor causes NullPointerException

Solution – null check

323. <https://github.com/SensorApps/Sensors2OSC/issues>

#1 - Crash on sending too much data

Solution - Using HandlerThread instead of async task for OSC communication.

324. <https://github.com/servalproject/batphone/issues>

Installs: 100,000 - 500,000 Updated: May 15, 2016

#99 - App closes when uses call button. NetworkOnMainThreadException

Solution - Ensure no network packets are sent on the main thread when dialling by number

#71 - Force quit when attempting view peer list on Galaxy S, CM10 nightly build. IllegalStateException:

The content of the adapter has changed but ListView did not receive a notification. Make sure the content of your adapter is not modified from a background thread, but only from the UI thread.

Solution - Peer list concurrent access crash. Run on ui thread

#68 - Application crash when ending mesh voice call

Solution – change implementation

#67 - Serval mash crashes when tapping on icon "Messages". SecurityException: Neither user 10084 nor current process has android.permission.READ_PROFILE.

Solution - The sdk says that this new permission was added in v14 (4.0), but it might also be a CyanogenMod specific issue. Either way it should be easy enough to catch the exception and ignore it.

325. <https://github.com/richsmith/sexytopo/issues>

Installs: 100 - 500 Updated: June 14, 2017

#16 - App not starting in Nexus 5 with Android 6.0.1

Solution - For now all surveys will be saved/loaded to the app's private directory on the SD card whatever the version of Android.

326. <https://github.com/SteamGifts/SteamGifts/issues>

#52 - Quickly double-clicking the Quick Enter button crashes the app

Solution - When clicking this too quickly after another, you can essentially click on a giveaway that is null. Null check

#44 - Crashes when opening the sidebar

Solution - use a custom notification drawer item

327. <https://github.com/sheimi/SGit/issues>

Installs: 50,000 - 100,000 Updated: November 2, 2016

#166 - App crashes on start

Solution – getColor deprecated in M

328. <https://github.com/00-Evan/shattered-pixel-dungeon/issues>

Installs: 1,000,000 - 5,000,000 Updated: June 11, 2017

#144 - Pitfall Trap bug. NPE

Solution – change implementation

#99 - Mage's staff can be obtained from well of transmutation

Solution – change implementation

#18 - Crash on load with quickslotted class armor

Solution - added some safety checks to the quickslot button

329. <https://github.com/dsoulayrol/android-sholi/issues>

Installs: 100 - 500 Updated: July 14, 2015

#18 - App crash when deleting item. IndexOutOfBoundsException

Solution – check bound

#13 - Crash when setting a new gesture. IllegalStateException: Fragment CheckingFragment{4108e6b8} not attached to Activity

Solution - This is a programming error due to a wrong call to getResources.

#12 - Crash while starting after update to 1.4

Solution – change implementation

#11 - Force close on startup with 1.4

Solution - it is caused by ProGuard

330. <https://github.com/SecUSo/privacy-friendly-shopping-list/issues>

Installs: 1,000 - 5,000 Updated: June 29, 2017

#33 - Present quantity field to 1. NumberFormatException

Solution – change implementation

331. <https://github.com/GroundApps/ShoppingList/issues>

#28 - App crashes when orientation changes

Solution - Fixed by disabling landscape mode.

332. <https://github.com/MGaetan89/ShowsRage/issues>

Installs: 10,000 - 50,000 Updated: August 28, 2016

#7 - Using self signed ssl certificate does not work

Solution – change implementation

333. <https://github.com/souch/SMP/issues>

Installs: 1,000 - 5,000 Updated: June 26, 2017

#1 - error on start. NPE

Solution – null check

334. <https://github.com/SilenceIM/Silence/issues>

Installs: 50,000 - 100,000 Updated: April 28, 2017

#557 - Encounter "Unfortunately, Silence has stopped." when opening any conversation

Solution - avoid division by zero when calculating characters left

#311 - v0.13.0 crash on android-2.3. NPE

Solution – catch exception

#297 - Crashes on loading with large amounts of messages (90,000+)

Solution - reduce memory usage during update. Instead of combining 2 cursors, this commit uses a first cursor, closes it, then uses another for *one* thread, then closes it.

#294 - Crash when tapping "Your identity key". Resources\$NotFoundException: String resource ID

Solution – reference correct resource string.

#286 - app crash on new message button. NPE

Solution – null check

#255 - Crash on receiving MMS. FileNotFoundException: PartAuthority couldn't load Uri resource.

Solution – change implementation

#246 - Crash when attaching a picture. ClassCastException

Solution - Change enter key preference key

#244 - Receiving message causes SMSSecure to crash every time I open the app.

IllegalArgumentException: Illegal character in query at index 64

Solution – replace Uri.parse with Uri.create

#92 - Crash after update from 0.5.3 - 0.5.4. NPE

Solution - Fix another crash on database upgrade

#87 - 0.5.3 crashes when updating database. NPE

Solution - Fix NPE when upgrading database. Null check

335. <https://github.com/yuriykulikov/AlarmClock/issues>

Installs: 1,000,000 - 5,000,000 Updated: September 3, 2016

#222 - Crash on Samsung caused by Samsung being Samsung. Device specific issue

Solution – AlarmScheduler: use FLAG_UPDATE_CURRENT instead of FLAG_CANCEL_CURRENT

#153 - Update sometimes crashes the app

Solution - Made reinit of alarms a valid operation

#123 - Settings as "dialogIfLarge" does not allow to use menu. Besides, causes crashes on some devices

Solution - Made Settings base theme DarkActionBar (was DialogWhenLarge)

#112 - Crash in MediaPlayer. IllegalStateException

Solution - Cancel fade in if player error happens

#107 - TimePicker crash when restoring state. NPE

Solution - instantiate array and try catch

#105 - Crash when ringtone is not available. NPE

Solution – null check

#102 - Crash in Services. NPE

Solution – catch exception

#95 - Crash in Klaxon. IllegalStateException

Solution - Crash occurs when alarm is dismissed during fade in. Cancel fade ins on start and stop.

#88 – Crash when two alarms are scheduled for the same time

Solution - Refactoring of alarmsScheduler

#87 - crashes on LG. NPE

Solution - Added REFRESH handling in transition states

#82 - Crash: Random FCs when setting alarms Some work, some don't. RuntimeException:
performComplexTransition() must transit immediately

Solution - Adapted to new ComplexTransition

#65 - App crashes when trying to enter settings on devices without vibrator. Device specific

Solution - we have to check if preference is present before we try to remove. this is very strange!

336. <https://github.com/smerek/Simple-Dilbert/issues>

#23 - Simple Dilbert null pointer exception crash

Solution - Fixed crash on no connection / no cached URL available. Null check

337. <https://github.com/DF1E/SimpleExplorer/issues>

#36 - Crashes while trying to "Change Group/ Owner" for any empty folder

Solution – null check

338. <https://github.com/tgwizard/sls/issues>

Installs: 500,000 - 1,000,000 Updated: February 4, 2017

#117 - READ_EXTERNAL_STORAGE permission causes crash, not declared on installation

Solution – add missing permission

#38 - Util.currentTimeMillisUTC() sometimes returns negative values

Solution - Remove usage of Local time, use System.currentTimeMillis()

#30 - Look over the database connection usage. DB race condition

Solution - Put connection_count and db under one object so that a lock locks both at the same time

339. <https://github.com/mpcjanssen/simpletask-android/issues>

Installs: 10,000 - 50,000 Updated: June 16, 2017

#435 - Crash from play when changing font size. ActivityNotFoundException: No Activity found to handle Intent

Solution - Recreate activity when some changing preferences

#430 - Crash in updateLists (Playstore). UnsupportedOperationException: Empty iterable can't be reduced.

Solution - Fix crash if updateLists is opened without selected tasks

#361 - When creating a new task, app is crashing when selecting List or Tag from menu

Solution - Fix crash when adding tags/lists in empty addtask edit box

#324 - CalendarSync exception. IllegalArgumentException: Unknown URL

Solution – catch exception

#225 - Force-close when trying to update filter. NPE

Solution – null check

#205 - Badly timed crash can cause irreversible data loss

Solution - Use AtomicFile to prevent dataloss in crash scenarios.

#148 - Out of bounds exception via google play. this happens if you change the threshold date while the cursor is at the last position

Solution - Don't set selection outside of textwidget.

340. <https://github.com/sismics/reader/issues>

Installs: 500 - 1,000 Updated: September 6, 2014

#92 - Android: Crash report. NPE on network connection

Solution – null check

#91 - Android: Crash report. NPE on fragment

Solution - Loading subscriptions fragment can be missing. Null check

#90 - Android: Crash report. NPE on URL

Solution - URL can be null when restoring application. Null check

#59 - Feed Import breaks up

Solution - Validate feed fields before inserting into database

#52 - Android: crash if invalid URL is given

Solution - Warn if the given URL is invalid

#45 - Android app - crash after setup. NPE

Solution - NPE on subscriptions tree. Null check

341. <https://github.com/ram-on/SkyTube/issues>

#111 - Consistent crashing when pressing a back button from a playing video. IllegalArgumentException

Solution – get proper context.

#103 - Change in screen orientation causes SkyTube to crash

Solution – implement state properly

#97 - Crashes at launch while getting subscribed channels. NPE

Solution - Fixed a bug which caused the app to crash due to API key queries quota being reached. Catch exception

#34 - Crash when clicking too quickly on screen when launched from external app. NPE

Solution – if null initialize to empty

342. <https://github.com/ccrama/Slide/issues>

Installs: 100,000 - 500,000 Updated: May 23, 2017

#2412 - Downloaded image notification crashes SystemUI

Solution - Images have actually been downscaled for the next update already

#2338 - Mod Tools - Selecting "Ban User" and "Wiki Revise" crashes Slide

Solution – null check

#2259 - NPE when switching from offline -> online

Solution - fix npe crash when resetting adapter in auth. Null check

#2196 - Crash when dragging subreddit to bottom in 'Manage your subreddits'

Solution - Added check to make sure the selected position isn't out of bounds in the recyclerview"

#2154 - Force close when trying to log in

Solution - That is because your device is too old to contain some base API methods. Added a try case in case the device does not contain those methods

#2010 - Slide crashes when the widget tries to fetch data and there's no internet after a wake
Solution - Added a network available check

#1987 - Sorting multis by Controversial crashes Slide
Solution - Forgot some break statements

#1958 - Force close after starting the app and picking accent colour
Solution - it had to do with the layout and not the accent color pre-Jellybean

#1955 - "Share image" from lightbox crashes app
Solution - Made FileProvider authority unique for Debug and Release builds. If a user has both a debug build and a release build installed, the authority name needs to be unique

#1944 - Crash when searching for subreddit within hamburger menu
Solution - change logic

#1843 - crash in /r/diy scrolling to 4th post
Solution - replaced every instance of CardView with a subclass that doesn't use hardware layers. Software layers are too slow, so I'm not using any layer at all.

#1644 - Just updated to 5.3.3, crash when I open comments.
Solution - was a KitKat bug with accent colors.

#1452 - Crash with a specific subreddit link
Solution - Stricter controls added, now it parses the URL and gets the host!

#1388 - Issue when reopening the app and very quickly clicking Multireddits/Moderation in the sidebar
Solution - Now it will only allow a click after multis have been synced

#1374 - Crash when clicking on link in comment
Solution - Reverting to an older AppCompat version

#1312 - Random crash reproducible with certain posts. IllegalStateException
Solution - Was because some images were too tall for Android to render.

#1047 - Crash when opening a youtube channel link
Solution - made it just open in browser if it isn't openable by Slide

#960 - Tapping a spoiler causes crash [video]
Solution - don't use null argument

#910 - Crash when swiping quickly through shadowbox
Solution - fixed with the new AlbumUtils implementation

#811 - LongPress on comment leads to crash.
Solution - convert exception to string

#765 - Slide crashes when using the fab to hide read posts.
Solution - handle adapter properly. Ignore exception

#655 - Voting on archived posts/comments crashes the app
Solution - catch exception

#654 - crash navigate in comments: next-button when comments = 0
Solution - fix RecyclerView IndexOutOfBoundsException crash when CommentAdapter is empty

#640 - Selecting the light_green accent colour causes a crash
Solution - Turns out the colour setting was set to an invalid resource.

#622 - sidebar: buggy and crash when switching subs too fast
Solution - cancel the previous sidebar loading and display the sidebar of the current sub directly

#615 - Crash when changing scrolling directions. IndexOutOfBoundsException
Solution - This solution adds the nomoreposts.xml which replaces loading spinner with a "No more posts!" message, and alters the SubmissionAdapter.getItemCount method return either 0 or posts.size() + 1 (so it always accounts for footer element).

#598 - Clicking 'Done' in notification settings causes app to crash
Solution - null check

#559 - Crash on confirming notification settings

Solution - Require login to access notification settings.

#423 - App crash: Reorder your pins view

Solution - Now proper dialog is shown when there are no pins.

#422 - Crash when tapping on the username of a deleted comment

Solution - When trying to get information about user with invalid username, the dialog is shown and then it backs to previous screen.

#399 - Issues with (un)subscribing

Solution – change logic

#381 - Clicking while the post is loading leads to crashes: NPE

Solution - cancel previous async task

#380 - I startup the app and it crashes. IllegalArgumentException

Solution - Wrong default for the InfoBar

#367 - Crash on subscribe. NetworkOnMainThread

Solution – move to AsyncTask

#365 - Crashed while phone was standby

Solution - Gracefully handle no data or broken authentication

#364 - Crash after clicking URL in Welcome to reddit message

Solution - Support more links

#317 - Refreshing any subreddit causes slide to crash.

Solution - Fixed KK insta crash. Replace notifyItemRangeInserted with notifyDataSetChanged

#305 – Crashed NPE

Solution – null check

#303 - Crash upon changing from "Top" to "Hot" IndexOutOfBoundsException

Solution – check null and empty

#291 - Hiding the comment action bar after voting can cause a crash

Solution - fix a bug with localization. Get resource properly and catch exception

#283 - Crash on link to reddit search within a comment.

Solution - Now just opens the subreddit linked

#259 - Backup crash NPE

Solution - You need Slide Pro to do backups

#246 - Deleting a subreddit from 'Subreddit Theme Settings' causes a crash

Solution – initialization problem

#240 - Crashes when someone links to r/alien-blue

Solution - I was only looking for /u/, not /user/. Look for user not u

#235 - when I change the orientation from portrait to landscape and back to portrait, slide always crashes. ClassCastException

Solution – check instance of layout manager

#230 - slide crashed while trying to save an image

Solution – null check

#192 - Trying to donate caused immediate crash. NPE

Solution – input validation

#187 - Typed 'gif' into search for a subreddit ClassCastException

Solution - Was using the wrong SharedPreferences for settings!

#172 - Unchecked mail notification NPE

Solution – fix layout view width

#162 - Reorder pins crashes the app

Solution – check null and empty

#159 - Disabled wikis cause a crash when attempting to view them. IllegalArgumentException

Solution - Fix crash if no wiki

#147 - Random crashes OOM

Solution - New image library lowers use by 30-50mb of RAM

#145 - Links to non existent subreddits cause a crash. IllegalArgumentException

Solution – null check

#143 - Sanitisation issues with the 'go to subreddit' input field

Solution - Use digits attribute instead of InputFilter

#129 - Disabling mail notifications causes a crash

Solution - Switched to Universal Image Loader library (instead of Glide and Ion), Redid album view to use RecyclerView instead of ListView

#107 - Crash when selecting subreddit other than frontpage and all

Solution - Filter text in sidebar

#86 - Opening From Multitasking

Solution - Fixed crashing if reddit.com couldn't be reached during auth

#83 - Single mode enabled causes a crash on start

Solution – null check

#82 - Crash on startup

Solution – null check

#72 - Searching through comments before they are loaded causes a crash

Solution – change logic

#63 - Unfolding a comment crashes the app

Solution - tried to pre-cache views that didn't exist

#52 - Issue/crash with opening profile

Solution - Sidebar improvements, Theme improvements

#51 - Most actions without an internet connection causes a crash

Solution – check network available

#42 - Shadowbox mode causes a crash if the subreddit hasn't loaded yet

Solution – null check on view

#15 - View sidebar or view wiki in the 'all' tab results in a crash

Solution – Fixed crash on landscape. change implementation

343. <https://github.com/ScreamingHawk/android-slideshow/issues>

Installs: 100 - 500 Updated: June 22, 2017

#18 - Handle Image Too Large error. RuntimeException: Canvas: trying to draw too large(XXXbytes) bitmap.

Solution - Scale large images to prevent Memory Errors

344. <https://github.com/frankmorgner/vsmartcard/issues>

#65 - Remote Smart Card Reader crashes when starts

Solution – check for older targets via @TargetApi

345. <https://github.com/jberkel/sms-backup-plus/issues>

Installs: 5,000,000 - 10,000,000 Updated: August 20, 2015

#548 - Restore causes crash on HTC One M7, 5.0.2, Sense 6

Solution - the crash is inside the framework code, nothing i can do about it. might be a HTC issue.

#253 - App stops running on ICS 4.0.4

Solution - Fix crash on some Samsung devices running 4.0.4

#197 - ICS / Call log backup to calendar unavailable. google have changed the calendar API in ICS. to make the app not crash on startup i've disabled call log backups in ICS for now

Solution – add missing permission and change implementation

#89 - Force quit during restore. SecurityException: Requires READ_PHONE_STATE

Solution – add missing permission

346. <https://github.com/yeriomin/SmsScheduler/issues>

Installs: 1,000 - 5,000 Updated: February 11, 2016

#7 - Crashes when rotating device (Landscape mode)

Solution – fix screen orientation portrait

347. <https://github.com/ushahidi/SMSSync/issues>

Installs: 10,000 - 50,000 Updated: February 20, 2017

#353 - SMSSync crashes on certain device when it receives SMS. ClassNotFoundException

Solution - Upgrade Raiburary which has android support library update

#344 - ever since v3.0.2 smssync has stopped working

Solution – change resource id and change implementation

#322 - Smssync doesn't start on Samsung Light (SGH-T399) Android 4.2.2. NoClassDefFoundError: android.support.v7.internal.view.menu.MenuBuilder. device specific

Solution - Update proguard rules to workaround samsung compat support

#278 - App crashes on certain devices as reported by the Crashes & ANRs.

CalledFromWrongThreadException: Only the original thread that created a view hierarchy can touch its views.

Solution - Call adapter data set refresh in the main thread

#243 - HTTPClient exceptions can crash MessageResultsController

Solution – null check

#163 - readLogs Producer is registered mutlitple times in two different classes. IllegalArgumentException: Producer method for type boolean found on type class

org.addhen.smssync.services.AutoSyncScheduledService, but already registered by type class

Solution - Renamed readLogs method to readLog.

#156 - Changing task checking frequency causes crash

Solution - Added time picker as a frequency setter.

#137 - SMSSync crashes when I attempt to view the logs

Solution – change implementation

#84 - syncing more than 300 messages or so causes crash

Solution - Refactor code

#56 - Crashing when receiving high load of messages. UnsupportedOperationException: Exceeded maximum number of wifi locks

Solution – keep wifi alive and only acquire lock if wifi lock is not held

348. <https://github.com/badaix/snapcast/issues>

#238 - macOS snapserver crash on simple "bye" from control client

Solution - delete in a thread to avoid deadlock

#200 - Multiple near-simultaneous requests crash snapserver

Solution - proper shutdown of the ControlSession

#97 - Android app crashes on Nougat when changing volume. NetworkOnMainThreadException

Solution - keep TcpClient calls off the main thread

#47 - Android App crashed with more then 2 Input Sources

Solution – check getActivity is not null

349. <https://github.com/dkim0419/SoundRecorder/issues>

Installs: 1,000 - 5,000 Updated: May 23, 2017

#21 - When file renamed, file not playing

Solution - Rename file while renaming recording

350. <https://github.com/bottiger/SoundWaves/issues>

Installs: 10,000 - 50,000 Updated: May 24, 2017

#113 - Crashes when I tap on Author

Solution – check if the URL is valid

351. <https://github.com/NewProggie/SparkleShare-Android/issues>

#58 - App crashes when nothing can open file. ActivityNotFoundException

Solution – catch exception

#6 - Crash when entering an invalid server

Solution – catch exception and log error

352. <https://github.com/Etuldand/spaRSS/issues>

Installs: 5,000 - 10,000 Updated: June 19, 2016

#208 - Atom feed problem

Solution – comment out the code

#131 - Can't process feeds since 1.11.0 update.

Solution - HTTP Auth re-enabled and feeds working (when upgrading from 1.10.*). Null check

#128 - Crash when resuming activity

Solution - Removed a possible NullPointerException that happens when the app is reopened from the notification. Null check

#127 - crash on rotations

Solution – null check

#6 - Crash on "About" page

Solution – Remove hardcoded applicationID for aboutActivity, instead use intent filter

353. <https://github.com/nikclayton/android-squeezer/issues>

Installs: 100,000 - 500,000 Updated: May 7, 2017

#208 - SqueezeService.java line 462

Solution - Use a ConcurrentHashMap to record player IDs and players.

354. <https://github.com/fr3ts0n/StageFever/issues>

#2 - access denied. FileUriExposedException

Solution - Adaptions for Android >= M. add FileProvider to fix FileUriExposedException on Android >= M. use custom list item layout to fix text color problem with Android => M. remove old, unused layout-/style definitions

355. <https://github.com/grmpl/StepandHeightcounter/issues>

#6 - Application crash when changing AutoClean settings

Solution - This is due to the immediate call of the delete function which does not check for existence of the directory.

356. <https://github.com/premnirmal/StockTicker/issues>

Installs: 5,000 - 10,000 Updated: June 22, 2017

#2 - StockTicker crashes when entering/searching for new tickers

Solution – due to ad blocker

357. <https://github.com/westnordost/StreetComplete/issues>

Installs: 5,000 - 10,000 Updated: June 16, 2017

#291 - Crashes when I answer the "which sport" quest

Solution – change implementation

#289 - IllegalArgumentException on solving quest twice(?)

Solution – change implementation

#285 - Crash on tabbing out while answering street surface. IllegalStateException: Can not perform this action after onSaveInstanceState

Solution – check fragment state before performing the operation on fragment

#284 - LOST exception. IllegalArgumentException: Service not registered

Solution – upgrade library. use LOST 3.0.0

#282 - NPE in QuestController. NPE. Race condition

Solution – null check

#137 - Out of memory error when trying to display too many quests

Solution - cancel when area too large to display quests

#115 - 0.6 crash on startup

Solution - Android wraps everything in SQLiteOpenHelper.onUpgrade() in one transaction. Makes sense, but I didn't know that. Creating another transaction within that transaction apparently leads to that the database upgrade silently fails

#114 - Crash if no internet connection available

Solution - doesn't seem to have anything to do with internet connection. It's the compass. Change implementation

#55 - Crash on startup. NPE

Solution - When getting quests from DB, recover from corrupt quests, log what the problem was and remove the offending ones from db

#53 - Crashes with CM theme. NPE

Solution - add nullpointer check in CurrentCountry.getLocale

#28 - building:levels=2, roof:levels left blank application crashes.

Solution - sanity checks for add building levels

358. <https://github.com/LonamiWebs/Stringlate/issues>

#28 - Crash on orientation Change

Solution - Locking the orientation is the easiest fix. screenOrientation - portrait

359. <https://github.com/forrestguice/SuntimesWidget/issues>

#75 - app crash on "Set Date" api10. IllegalArgumentException: current should be >= start and <= end

Solution - api10 DatePicker.init doesn't like invalid values like -1, later versions seem to tolerate them.

#74 - app crash (latitude edge case)

Solution – null check

#67 - New permissions?

Solution – add missing permission

#58 - app crash Settings->General->DataSource api10

Solution – change implementation

#55 - app crash on SettingsActivity

Solution - moved the intent based header to the end - the first header must be fragment based.

360. <https://github.com/ligi/SurvivalManual/issues>

Installs: 1,000,000 - 5,000,000 Updated: May 27, 2017

#26 - Crash when following a link; unable to restart till app data cleared

Solution - Catch when a url cannot be loaded

361. <https://github.com/Kadabash/SyncOnWifi/issues>

#4 - Crash while click on "select wifi networks"

Solution - Fix crash when selecting networks and WiFi is off.

362. <https://github.com/syncthing/syncthing-android/issues>

Installs: 50,000 - 100,000 Updated: June 15, 2017

#834 - Crash (NullPointerException) when adding new device

Solution – check a condition

#831 - Open folder crashes on Android 7

Solution - Set VM policy to avoid crash when sending folder URI to file manager.

#829 - Crash on startup. NumberFormatException on minDiskFreePct. NumberFormatException

Solution – replace int with float

#822 - Open folder crash app. ActivityNotFoundException

Solution – catch exception if no file manager installed

#806 - Crash on device rotation

Solution – check getActivity is not null

#798 - Add folder crash on selecting keep version

Solution – initialize the hashmap

#772 - Crash on selecting folder. apparently the documents folder isn't available on older Android versions.

Solution – check build version and handle accordingly

#690 - Nexus 6p: App crashes on adding new device. Resource not found

Solution - It seems that the xxxhdpi `active` drawable was corrupted. The old build tools could still read the drawable, but the new ones couldn't handle it. Regenerating the drawable fixed the crash.

#620 - Crash opening WiFi whitelist. NPE

Solution - Add checks for null-SSID

#604 - Crash in Log press back arrow to go back to Settings

Solution – if action is null set action

#591 - Syncthing Android UI crashes on launch on Source method NoClassDefFoundError:
android.support.v7.view.menu.MenuBuilder

Solution – catch exception. Upgrade support library

#580 - Version 0.7.9 crash on open

Solution - Downgrade design support library. Looks like Google fucked up the lib and is using a dependency that's not available before 5.0

#502 - pressing phones menu button crashes syncthing

Solution - menu key drawer open using wrong drawer gravity

#471 - Syncthing-android crashes instantly

Solution - Support new UR value

#470 - Beta issues. RuntimeException: Invalid usage report value

Solution - Fix empty log view in layout file

#467 - Crash when adding new folder. ArrayIndexOutOfBoundsException

Solution – correct index

#410 - Array Index out of Bounds when opening device list (index=-2147483648)

Solution – check bound

#389 - Log window crashes. NPE

Solution - Keep `ShareActionProvider` class in proguard

#382 - force close with syncthing-0.11-3-arm-release.apk

Solution - Capture IOException when file descriptor is closed

#290 - no new installation possible

Solution - Unhide dialogs

#256 - crash when click "add device". NPE

Solution – Upgrade preferences if needed.

#244 - crash when trying to add /efs

Solution - Fixed crash when navigating to folder without read permissions. In case we don't have read access to the folder, just display nothing.

#238 - 0.5.19: crash after update and even after reinstalling

Solution - Fixed NPE when JSON parsing fails.

#202 - app crashes on open

Solution - Force static linking

#201 - app crashes immediately after start

Solution - Create a new config file if parsing fails

#180 - syncthing crashed reading the folder .android_secure on external sd. Damn Java and its nulls.

Solution - Fixed crash in FolderObserver if folder can't be accessed. Null check

#177 - Crash on folder selection. NPE

Solution – null check

#173 - Folder Picker shows "create new folder"

Solution - Fix create/pick folder being shown when folder roots are shown

#159 - 0.54 crashes. NPE

Solution - Fixed crash when values is read from RestApi before fully initialized

#148 - Won't start: FATAL EXCEPTION: main. NPE

Solution - Do not crash if folder does not exist

#137 - Syncthing binary crashed with error code 3

Solution – add while statement

#125 - crash (0.5.0-beta3).

Solution – check instance of

#106 - Unable to add Node via barcode scan. IllegalStateException: Could not find a method onClick(View) in the activity class com.nutomic.syncthingandroid.activities.SettingsActivity for onClick handler on view

Solution – add onClick

#71 - App crashes without installed Barcode scanner. ActivityNotFoundException

Solution – catch exception

#51 - App crash while adding Nodes or Repos

Solution - Use normal theme instead of dialog theme for repo/node settings. This caused problems as dialogs don't have an ActionBar, and adding ActionBar explicitly gives problems with old API levels.

#18 - Can't create handler inside thread that has not called Looper.prepare()

Solution – use async task.

#16 - crashed after update...

Solution - Fix crash on start after improper shutdown

363. <https://github.com/emdete/tabulae/issues>

Installs: 10 - 50 Updated: May 19, 2016

#4 - Not working with Android < 4.2. I notice that the function getElapsedRealtimeNanos() needs API level 17

Solution – use different api

364. <https://github.com/inorichi/tachiyomi/issues>

#797 - Crash when update tracking for Anilist

Solution - Add an option to refresh all tracking metadata

#768 - Crash when trying to restore backup. *update: can't save backup

Solution - Pass backup uri as parcelable to restore service

#528 - Crashing from Settings menu

Solution – refactor resource files

#361 - Constant Crash on Catalogues search

Solution – change implementation

#285 - Crashes on r687

Solution - Downgrade RxJava.

#240 - Crashing when searching through the catalogue

Solution – threading issue

#206 - latest build not opening keep crashing when started

Solution – fix drawable

#191 - Crash when adding batoto account

Solution – replace context with activity

#159 - Crash in chapters list

Solution - Stop recycler's scrolling when onPause is called. If the activity is finishing the presenter will be destroyed, and it could cause NPE

#147 - Crash on load chapters

Solution – fix infinite loop

#125 - Crashes and/or blank screen

Solution - Remove old orientation lock. Add orientation types to preferences

#52 - Source name selection sticks when its not supposed to, ends up crashing.

Solution – collapse action view associated with the menu

365. <https://github.com/316k/android-tap-the-black-tiles//issues>

#7 - Wrong minSdkVersion: increase or do conditional method calls. Could not find method android.webkit.WebView.setWebContentsDebuggingEnabled

Solution – check build version and handle accordingly

366. <https://github.com/tasks/tasks/issues>

Installs: 100,000 - 500,000 Updated: June 8, 2017

#460 - crashes on startup after upgrade from 4.9.4 to 4.9.5 (f-droid build). NPE

Solution - Upgrade ButterKnife and fix proguard rules

#199 - Setup proguard to fix crashes on some Samsung 4.2.2 ROMs

Solution – change proguard

#157 - CRASH: Unable to start activity .calls.MissedCallActivity. Resources\$NotFoundException

Solution - Resolve colors correctly

#4 - Null pointer exception when using quick add voice input

Solution - Dont save voice input attachment on quick add

367. <https://github.com/Telegram-FOSS-Team/Telegram-FOSS/issues>

Installs: 100,000,000 - 500,000,000 Updated: June 30, 2017

#153 - Fix translations. these strings can lead to crashes if the string is looked up on any locale not providing a translation

Solution - ru strings were v4.0 already

#115 - Telegram crashes on Android share action. NPE

Solution – change implementation

#52 - Crash when long pressing emojis. ClassCastException

Solution – cast properly

368. <https://github.com/termux/termux-app/issues>

Installs: 500,000 - 1,000,000 Updated: June 25, 2017

#138 - Termux crashes when I press VolUp+h

Solution - The KEYCODE_HOME event is handled by the system and never delivered to applications, it's KEYCODE_MOVE_HOME (FN+LeftArrow) we want to handle ourselves and send as an escape sequence.

369. <https://github.com/termux/termux-styling/issues>

Installs: 1,000 – 5,000 Updated: May 8, 2017

#7 - Crash if permissions of ~/.termux are wonky.

Solution - Don't crash on wonky permissions, respect symlinks. Catch exception

370. <https://github.com/scheich/Throughput/issues>

#4 - Crashes right at start. NoSuchMethodError

Solution - setColor only on API>21. Check build version

371. <https://github.com/lordi/tickmate/issues>

Installs: 1,000 – 5,000 Updated: May 25, 2017

#77 - app crashes on start. this happened for API level < 21

Solution - Use ContextCompat instead of context for getDrawable

#45 - Bug when deleting or disabling tracks

Solution - On resume, update header and startdate

#38 - Can't add any track – CursorIndexOutOfBoundsException

Solution - Bugfix order column crash

372. <https://github.com/naman14/Timber/issues>

#225 - App crashes on startup on CopperheadOS based on AOSP (Android 7.0.0). IllegalStateException: Unknown URL

Solution - upgrade gradle plugin, fix crashes

#116 - Random crashes when changing theme

Solution - Null check on context

373. https://github.com/Vilbrekin/tinc_gui/issues

Installs: 5,000 – 10,000 Updated: May 15, 2016

#24 - Null Pointer Exception

Solution - Move getLogFontSize to activity instead of service. It's GUI related anyway, and avoids a NullPointerException when the service is not bound yet.

374. <https://github.com/velazcod/Tinfoil-Facebook/issues>

Installs: 100,000 – 500,000 Updated: March 12, 2017

#84 - Facebook making Messenger mandatory

Solution - Attempt to resolve intents for external activities before trying to start them. Facebook is now attempting to force users to install the Facebook Messenger app by trying to start an activity with an implicit intent, which isn't found by the system and will crash if not handled properly.

#12 - setting proxy crashes application on Jelly Bean

Solution - Fix Android version check, Jelly Bean could be 16-18

375. <https://github.com/redfish64/TinyTravelTracker/issues>

#38 - App crashes immediately after launch

Solution – check null in onDestroy

#36 - Version 1.1.5 (F-Droid) crashes on start. NPE

Solution – use synchronized

376. <https://github.com/JakeLane/Toffeed/issues>

#33 - Marshmallow Crash

Solution – implement runtime permission

377. <https://github.com/tananaev/traccar-client-android/issues>

Installs: 50,000 – 100,000 Updated: May 16, 2017

#127 - Crash on 'Mixed Provider' and 'Network Provider'

Solution - Handle missing location provider by catching exception and showing error msg

#5 - Checks in onDestroy

Solution – check connection in onDestroy of service

378. <https://github.com/mathisdt/trackworktime/issues>

Installs: 5,000 – 10,000 Updated: February 11, 2017

#15 - problem in time calculation

Solution - don't permit any illegal value to be written to the database, so the app only crashed once if another similar bug appears. Throw exception

379. <https://github.com/y20k/trackbook/issues>

Installs: 1,000 – 5,000 Updated: June 12, 2017

#7 - App stuck in crash loop (beta apk)

Solution – change implementation

#3 - Crash when tracking before location is acquired

Solution – change implementation

380. <https://github.com/erickok/transdroid/issues>

#296 - App crashes if leading space in SCGI mount point field

Solution - Prevent crash when connecting to an Rtorrent client with a space in host name or SCGI mount folder.

#264 - For some reason I try to use this app with a snthostings seedbox it uses rutorrent, I try to login with HTTPS and then android says the app crashed

Solution – change implementation

#235 - Today's update crashes

Solution – null check

#221 - rTorrent XML-RPC limit is sometimes set too low

Solution - Ensure we never set the rTorrent XML-RPC size limit to some way too small value; use a minimum of 2MB for now.

#218 - Widget crash on N5/5.1.1

Solution - Fixed crash on adding widget as well as widget layout issues (with new Material theme) and Control Service start bug on Android Lolliopo+. Use AppCompatActivity instead of ActionBarActivity

#209 - Crash on New + Barcode (NullPointerException)

Solution – check null

#192 - Cannot add torrent from .torrent file

Solution - Replaced Croutons with Snackbars.

#154 - Crash when using the up button. IllegalArgumentException: Wrong state class

Solution - Fixed duplicate view IDs used that caused a crash when resuming (explicitly via the up button in the action bar).

#143 - Labels mess up and possibly crash when switching between servers

Solution - Fixed changing between labels and no-labels servers (generally: correctly hiding items in navigation list).

#134 - Try to add PUBLICHD makes Transdroid crash

Solution - In web searches, only replace %s for the search string because the formatter will try to parse url encodes strings such as %3B as well.

#66 - Crashes adding search results from TorrentReactor, Torrent Downloads

Solution – if uri is null show error msg

#15 - Tracker Editor dialogue causes Crash

Solution - Added option to change a torrent's storage location from the details screen.

381. <https://github.com/y20k/transistor/issues>

Installs: 10,000 – 50,000 Updated: June 17, 2017

#109 - Change icon crashes the app

Solution - make sure that MainActivityFragment's onActivityResult() gets called

#80 - Metadata can be ""

Solution – check condition

#63 - Crash when adding empty link

Solution - better error handling by checking conditions

#21 - IllegalStateException when you try to change the icon. Fragment MainActivityFragment{e7db358} not attached to Activity

Solution – Use proper context

382. <https://github.com/grote/Transportr/issues>

Installs: 1,000 – 5,000 Updated: April 5, 2017

#316 - App crashes when updating trip - NullPointerException in TripDetailActivity.isTheSameTrip()

Solution – null check

#279 - Make sure that your xml vector drawables don't contain e- notation. Causes crash otherwise

Solution – as described

#254 - crash when entering arbitrary text in directions (refactoring incomplete).

IllegalArgumentException: type ANY cannot have ID

Solution - Remove fake ID from user input locations

#194 - App crashes when opening "Germany" dropdown in country selection.

ArrayIndexOutOfBoundsException

Solution - Redo many vector logos to avoid stupid crash

#181 - When searching for a connection to "f" (one letter) Transportr crashes

Solution – change implementation

#169 - Crash when selecting location from map

Solution - Improve info window for locations on map.

#147 - Crash when changing from landscape to portrait. NPE

Solution - in some cases getActivity() and getContext() can be null, so get it somewhere else such as mView.getContext() and toolbar.getContext()

#113 - Removing recent trips crashes Transportr. IndexOutOfBoundsException

Solution – change implementation

#109 – IndexOutOfBoundsException

Solution – check bound

#89 - NullPointerException in TransportNetworks.getTransportNetwork. Happening when clicking the app icon while the app was in background for a long time.

Solution – null check on context

#75 - app crashes when using accessibility service

Solution – change implementation

#64 - 0.6-beta1 crashes reliably

Solution – change implementation

#22 - Crash / NPE when changing Network Provider on Beta 0.4

Solution - use stored view object instead of getView() in StationsFragment because that might not always be available

#16 - Crash / NPE when viewing a trip with missing line style

Solution - check if line has a style

#8 - Crash when changing device orientation during search for directions. IllegalArgumentException: View not attached to window manager

Solution - the activity is most likely being recreated after configuration change, don't search again. Catch exception

383. <https://github.com/equeim/tremotesf-android/issues>

Installs: 500 – 1,000 Updated: April 13, 2017

#5 - Renaming files crash the app

Solution – change implementation

384. <https://github.com/koelleChristian/trickytripper/issues>

Installs: 5,000 - 10,000 Updated: November 23, 2016

#24 - Deleting active journey leads to crash

Solution – change implementation

385. <https://github.com/Tyde/TuCanMobile/issues>

Installs: 10,000 - 50,000 Updated: June 14, 2016

#51 - Bei screen rotation in login activity crash

Solution – catch IllegalArgumentException on dialog dismiss

#31 - crash bei orientaion wechsel während des Ladevorgangs

Solution – include configChanges

386. <https://github.com/billthefarmer/tuner/issues>

#4 - crash when enabling audio.lock

Solution - I used an android resource rather than the icon file sitting in the resources ready to be used.

#1 - Crash on startup. NoSuchMethodException

Solution - I have been able to reproduce this on some earlier android versions. It is apparently due to using a theme.

387. <https://github.com/TwidereProject/Twidere-Android/issues>

Installs: 100,000 - 500,000

Updated: June 10, 2017

#837 - Twidere crashes when the hidden settings should be started

Solution – change in preferences

#787 - Crash of Twidere on the “Tabs” Function in Settings

Solution – change implementation

#729 - Crashes when clicking on a link. UnsupportedOperationException: ParcelableMedia

Solution – change implementation

#720 - Crash when trying to view a YouTube video

Solution – replace VideoContainer with webViewContainer

#719 - Crash when scrolling to bottom of tweet with many replies

Solution – check bounds

#710 - Crashes when opening settings => extensions

Solution – change permission implementation

#527 - Crash while adding user in list details

Solution - improved quoted status on fanfou

#486 - Crash when refreshing GNU Social timeline on 3.1.1

Solution – change implementation

#468 - Crash while sending media status without location to Fanfou

Solution – change implementation

#449 - twidere crashes irrecoverably when scrolling to tweet containing unicode character U+00AD

Solution – change implementation

#377 - Force close when export settings

Solution – change from STRING to BOOLEAN in SharedPreferences

#354 - Crash during login to GNU Social instances

Solution - fixed NPE during login

#335 - ParcelableActivitiesAdapter.java line 63

Solution – change implementation

#332 - MediaViewerActivity.java line 223

Solution – check bounds

#331 - Utils.java line 2454

Solution – check getActivity is not null in the fragment

#330 - UserFragment.java line 344

Solution – change implementation

#329 - Utils.java line 2676

Solution – check context is not null

#328 - DataStoreUtils.java line 713

Solution – change implementation

#327 - Headers.java line 283

Solution – replace Utils with RestFuUtils

#308 - Crash when opening video in Tweet

Solution - added aspect ratio for external player

#307 - Crash on opening Tweet

Solution - added time to activities fixed status fragment crash (avg item size divide by zero)

#304 - Twidere crashes when trying to fetch new messages. NPE

Solution - improved statuses fragment load more

#293 - Force close when trying to play YouTube video

Solution - fixed external player crash

388. https://github.com/microg/android_packages_apps_UnifiedNlp/issues

#86 - NoSuchMethodError: android.location.Location.getElapsedRealtimeNanos

Solution – check build version

#66 – NullPointerException

Solution – null check

389. <https://github.com/physphil/UnitConverterUltimate/issues>

Installs: 500,000 - 1,000,000 Updated: March 29, 2017

#51 - Crash when getting currency from SP

Solution – null check

390. <https://github.com/adrian/upm-android/issues>

Installs: 500,000 - 1,000,000 Updated: March 29, 2014

#10 - NullPointerException when returning to app

Solution - Check the database is open before attempting to use it.

391. <https://github.com/vanilla-music/vanilla/issues>

Installs: 500,000 - 1,000,000 Updated: June 28, 2017

#550 - Crash on startup versions 1.0.47-1.0.49 (from f-droid)

Solution - use getNotification() as build() requires api level 16

#525 - 1.0.47 is making Simple Last.fm Scrobbler and Scrobble Droid Crash

Solution - fix scribbler

#490 - 'Enqueue genre' in full playback activity crashes

Solution - make SQL optimizer a little bit smarter

#375 - Hide theme selector on 4.x

Solution - Themes are 5.x only, so do not add PreferencesTheme on holo devices

#349 - Crash in sliding view. ArrayIndexOutOfBoundsException

Solution - Do not slide if we are not initialized yet

#343 - Crash if file contains a '#' sign. StringIndexOutOfBoundsException

Solution - pass full URI to mime guesser

#336 - Fastscroll crash. StringIndexOutOfBoundsException

Solution – check bound

#282 - Crash due to lru cache. CursorIndexOutOfBoundsException

Solution - Do not pass out-of-bounds data to mLists[index].setSelection

#275 - Crash in ICS remote. NPE

Solution – null check

#267 - Crash on Android 4.2. IllegalArgumentException: width and height must be > 0

Solution - Check width and height > 0 before generating bitmap. Creating a bitmap with 0 width or height will cause a fatal exception.

#252 - Failing to start on Android 4.0.3. The crash is the result of the ViewPager update in 1.0.34.

Solution – check build version

#202 - Crash in DSLV. NPE

Solution - DragSortController: Check for null MotionEvent arguments

#113 - crash when scrolling in the queue

Solution - Modifies the onTouch method of DragSortController

#111 - DSP Manager crash. IllegalArgumentException

Solution - tie audiofx to enterSleepState()

392. <https://github.com/vanilla-music/vanilla-music-tag-editor/issues>

Installs: 100 - 500 Updated: February 26, 2017

#7 - Tag editor 1.0.3 crashes

Solution – set exported= false explicitly for provider

#3 - Failed to write tag to file

Solution – check build version and show error msg

393. <https://github.com/MarcusWolschon/osmeditor4android/issues>

Installs: 10,000 - 50,000 Updated: May 9, 2017

#556 - Completely unclear error message on failed upload

Solution - Backport C&P of invalid geometry fixes and centroid calculation robustness

#433 - Crashes when editing some names

Solution - Fix crash when editing street names

#422 - Crashes when backing out from editing multiselection

Solution - Partial back port of fix to detect relation membership changes properly.

#420 - IllegalStateException: Can not perform this action after onSaveInstanceState

Solution - Use correct activity for dialogs in BoxPicker, protect against potential IllegalStateExceptions with DialogFragment (catch, log and report).

#387 - Turkish/Chinese translation of preset causes crash

Solution - More protection again preset related crashes. Catch exception and null check

#320 - 0.9.6 Android 5.1(.1) crash in the property editor

Solution - Move creation and reference of StorageDelegator from Logic to Application.

#319 - 0.9.6 startup crash related to lock icon not being found

Solution - Definite fix for issue with crash on startup if deprecated modes are enabled.

394. <https://github.com/momodalo/vimtouch/issues>

Installs: 100,000 - 500,000 Updated: January 1, 2015

#60 - Vimtouch crashes when @* is pressed with empty system clipboard

Solution – check empty condition and handle accordingly

395. <https://github.com/felixpalmer/android-visualizer/issues>

#23 - Running in Marshmallow crashes app. Request requires

android.permission.MODIFY_AUDIO_SETTINGS

Solution – runtime permission

396. <https://github.com/michaelkourlas/voipms-sms-client/issues>

Installs: 10,000 - 50,000 Updated: June 18, 2017

#89 - Crash when push notifications activated. IllegalStateException: The meta-data tag in your app's AndroidManifest.xml does not have the right value.

Solution – use correct value in meta-data

397. <https://github.com/wallabag/android-app/issues>

Installs: 10,000 - 50,000 Updated: June 29, 2017

#444 - Crash in master branch. IllegalArgumentException: baseUrl must end in /

Solution – Append / in url

#260 – NullPointerException

Solution - Fix all-trusting TrustManager init

#240 - NullPointerException causes InflateException: Binary XML file line #4: Error inflating class TextView

Solution – catch exception

#238 – NullPointerException

Solution - Check for null intent passed to TtsService.onStartCommand (happens when the service is restarted by Android)

#237 - IllegalArgumentException: setShowActionsInCompactView: action 0 out of bounds

Solution - In case of TextToSpeech initialization failure, TtsService state was set to ERROR, and

a notification was build witouht any actions but setShowActionsInCompactView was called to display actions. Fix: don't show notification in case of ERROR state.

#224 – NullPointerException

Solution – null check

398. <https://github.com/SecUSo/privacy-friendly-weather/issues>

Installs: 1,000 - 5,000 Updated: November 11, 2016

#19 - Crash on start. IllegalArgumentException: AppCompatActivity does not support the current theme features

Solution – check build version

399. <https://github.com/opacapp/opacclient/issues>

Installs: 50,000 - 100,000 Updated: June 13, 2017

#191 - Crash in PICA. StringIndexOutOfBoundsException

Solution – check bound

#178 - More resistant library parser. Don't crash the whole application if JSON parsing of one library fails

Solution – catch exception

#137 - Crash at UB Bamberg. NumberFormatException

Solution – correctly handle the number

#157 - HTTP ClientProtocolException in Bocholt

Solution - Handle redirect URIs even if they have a space in them.

400. <https://github.com/tobykurien/webapps/issues>

Installs: 5,000 - 10,000 Updated: February 28, 2017

#62 - App crashes when visiting site with saved untrusted cert

Solution – null check

#50 - App crashes when adding Pandora

Solution – catch ActivityNotFoundException

#46 - "Homescreen shortcut" crashes the app. NPE

Solution – change implementation

401. <https://github.com/balesz/android-WebSearch/issues>

#5 - WebSearch 1.0.4 - Crash on orientation change. IllegalStateException: Fragment ListFragment not attached to Activity

Solution - Lock screen orientation when import default engines through

android:screenOrientation="sensor" and

getActivity().setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_SENSOR);

402. <https://github.com/ubergeek42/weechat-android/issues>

Installs: 50,000 - 100,000 Updated: November 18, 2015

#302 - Repeated NullPointerExceptions

Solution - do not crash when receiving empty hdata (received when hotlist is empty in weechat)

#229 - Crash when switching buffers. ArrayIndexOutOfBoundsException

Solution - refactor ColorScheme.

#155 - Crash on invalid date format. IllegalArgumentException

Solution - Validate timestamp format on change

#150 - Weechat crashes when closing a buffer that has been closed in weechat in relay

Solution - synchronize buffer list changes (add/close/merge) if only syncing open buffers.

#139 - weechat-android now won't run because I set maximum nick size to blank

Solution - Validate maximum prefix width on change. Maximum prefix width is required, and cannot be empty.

403. <https://github.com/Zanshinmu/Wifi-Fixer/issues>

Installs: 1,000,000 - 5,000,000 Updated: June 6, 2016

#11 - Gives "force close" messages on Impression I10 tablet.

Solution - Using reflection to determine .apply or .commit in EditorDetector as using API breaks on some non-complying vendor builds of 2.3

404. <https://github.com/bparmentier/WiFiKeyShare/issues>

Installs: 5,000 - 10,000 Updated: March 1, 2016

#1 - Wi-Fi tags written with NXP TagWriter cause a BufferUnderflowException

Solution - The previous code did not take the value of other fields into account when looping through the payload.

#14 - NullPointerException in WifiNetwork.getSsidFromWifiConfiguration

Solution - Check that WifiConfiguration.SSID is not null.

405. https://github.com/WikiJourney/wikijourney_app/issues

Installs: 100 – 500 Updated: July 10, 2016

#87 - Android app crashes due to json error

Solution -

406. <https://github.com/conchyliculture/wikipoff/issues>

#17 - Crashes when "open article online". NPE

Solution – null check

#16 – Crashes. NPE

Solution – null check

407. <https://github.com/arminha/worldclockwidget/issues>

#12 - City search string is not properly escaped in SQL query

Solution - Escape search string by the use of selectionArgs.

408. <https://github.com/redsolution/xabber-android/issues>

Installs: 1,000,000 - 5,000,000 Updated: June 19, 2017

#420 - 1.0.2: 3 issues with "Export chat" functionality

Solution – check getActivity is not null in onPostExecute

#418 - Crash when I enable notifications for conferences

Solution – change implementation

#417 - Crash opening chat window

Solution - New chat background: smaller resolution, alpha not used.

#392 - Xabber 0.10.55 crashes for various reasons. NPE

Solution – change logic

#384 - Xabber crashes on text selection. InflateException

Solution – change in color attribute

#364 - crash 0.10.23

Solution – check build version and handle accordingly

#352 - Orientation change during "password" dialog cause crash

Solution - Settings orientation change crash fixed (initialization of fragment moved to onCreateView from onCreate).

#165 - Xabber crash when logging on the server is enabled but server doesn't support. NPE

Solution - Fix crash when unexpected chat history received.

409. <https://github.com/pocmo/Yaaic/issues>

Installs: 100,000 - 500,000 Updated: April 17, 2015

#55 - NullPointerException in ConversationActivity.onCreate()

Solution - ConversationActivity: onCreate(): Check if server is returned by getServerById()

#36 - IllegalFormatConversionException in org.yaaic

Solution - Fix french and spanish translation that may cause force closes on connects

#2 – ConcurrentModificationException

Solution - Synchronized all LinkedLists

410. <https://github.com/yeriomin/YalpStore/issues>

#193 - Detect if Android System WebView is installed

Solution - setAutoLinkMask(Linkify.ALL) was causing a crash if Android WebView was not present on device. Catch exception

#84 - FC when entering in the app details. AndroidRuntimeException: Calling startActivity() from outside of an Activity context requires the FLAG_ACTIVITY_NEW_TASK flag.

Solution – set correct flag

#78 - Fresh install login crash. ActivityNotFoundException

Solution - There were two parallel network requests launched on fresh install, each of them asking for user credentials. fixed double auth dialog on fresh installs

#12 - NullPointerException in YalpStore-0.2 on app start with android 4.2 tablet

Solution – null check

411. <https://github.com/pfleidi/yaxim/issues>

Installs: 100,000 - 500,000 Updated: March 28, 2017

#97 - yaxim crashes on custom port without custom server. IllegalArgumentException

Solution - Do not use custom server with empty name.

412. <https://github.com/hhroc/yellr-android/issues>

Installs: 100 – 500 Updated: August 12, 2015

#99 - Gson = "" or null crash

Solution – catch exception

#56 - Rotation crashes app

Solution – add configChanges

413. <https://github.com/Yubico/yubioath-android/issues>

Installs: 10,000 - 50,000 Updated: May 8, 2017

#31 - App sometimes crashes on startup.

Solution - Initialize tagDispatcher in onCreate

#9 - Samsung Galaxy S5 NFC Service Crashes

Solution – device specific

414. <https://github.com/avram/zandy/issues>

Installs: 1,000 - 5,000 Updated: October 1, 2014

#122 - AttachmentActivity.java line 658. OOM

Solution - Write from zip directly to disk, and don't load in memory first,

#120 - XMLResponseParser.java line 382

Solution – catch broader exception

#119 - ItemActivity.java line 551

Solution - fix npe in itemactivity

#118 - ServerCredentials.java line 93

Solution – null check

#113 - ThreadEnforcer.java line 47

Solution - remove bad otto call

#83 - Catch OAuth errors

Solution - Fix on array modification from 1.3.1, and add feedback for issue

#61 - Sync initiated from locally-created item causes crash

Solution - Run add instead of update when syncing from a new item

#60 - Crash on sync after adding item from "Share page"

Solution - Properly propagate key changes to attachments

#58 - Database connection safety. SQLiteMisuseException: library routine called out of sequence

Solution - Rework database connections to reduce Sqlite errors

- 415.** <https://github.com/SecUSo/privacy-friendly-ruler/issues>
#4 - Force close since update to 1.0.1. Resources\$NotFoundException: File
res/drawable/abc_ic_ab_back_material.xml
Solution – update support library and API
- 416.** <https://github.com/roelb/Simple-C25K/issues>
Installs: 50,000 - 100,000 Updated: October 4, 2012
#1 - Force close when being called
Solution - TimerActivity.context does not exist. Should be it's own context.
- 417.** <https://github.com/stwalkerster/strobelight/issues>
#1 - force close on re-orient of screen
Solution - lock the screen orientation
- 418.** <https://github.com/tcoxon/XkcdViewer/issues>
#6 - Defect: FC if you change orientation while loading a comic.
Solution – add configChanges and override onConfigurationChanged()

Android-specific crash bugs

(Notation Used - *app number:issue number*. The app number indicates number used to list the apps in this document. The issue number indicates real issue number used to report bugs.)

App State & UI: 165 – 103 (app number - 6, 14, 16, 18, 19, 24, 27, 29, 30, 32, 36, 38, 43, 60, 66, 72, 73, 74, 77, 90, 96, 102, 116, 124, 128, 131, 134, 136, 143, 151, 154, 155, 157, 160, 162, 164, 174, 179, 181, 188, 192, 194, 206, 207, 209, 211, 212, 220, 221, 222, 227, 237, 242, 243, 247, 254, 257, 259, 262, 264, 277, 286, 289, 295, 297, 299, 300, 313, 314, 318, 321, 329, 335, 340, 342, 347, 352, 357, 362, 364, 371, 373, 375, 377, 381, 382, 387, 393, 396, 413)

- Unregister receiver which has not been registered, catch exception: 5 – 5 (6:60 app no:issue no, 66:93, 174:86, 209:523, 313:27)
- Unregistering unregistered service, fix the logic: 2 – 2 (18:560, 24:22)
- Unregistering unregistered service, catch exception: 1 – 1 (19:754)
- Stopping service that has not been created yet, null check: 2 – 1 (192:1048, 192:1006)
- Service has no zero argument constructor, call super: 1 – 1 (116:428)
- Destroy service properly: 1 – 1 (206:591)
- Bind service properly: 1 – 1 (264:142)
- Check service is connected: 1 – 1 (277:148)
- clean up before stopping the service: 1 – 1 (335:95)
- service is not bound yet, move the method call to activity: 1 – 1 (373:24)
- Check the service is bound: 1 – 1 (73:385)
- Check connection exist before closing in onDestroy: 1 – 1 (377:5)
- If the app is frozen and relaunched with a saved state it crashes, override onResume: 1 – 1 (136:105)
- Override onPause and handle state correctly: 1 – 1 (32:79)
- Check if activity is finishing before dismissing dialog from background tasks: 1 – 1 (38:424)
- check the activity is not finishing before running dialog on the UI thread: 2 – 1 (43:18, 43:16)
- Don't keep activities turned on, turn off the option, deal with killed activities: 1 – 1 (74:1188)
- Add onRestoreInstanceState() method of Activity lifecycle to restore: 1 – 1 (116:1067)
- Handle onNewIntent properly: 1 – 1 (151:1875)
- The code in onNewIntent triggers an animation on a detached view, animation can't happen in this method, since the activity is not resumed yet: 1 – 1 (154:569)
- The Activity stopped but not destroyed and then recreated with a new intent. This could lead to onNewIntent being called directly after onCreate. Move code from onResume to onCreate: 1 – 1 (413:31)
- If more than one task stack exists, the broadcast restarts the activity with onCreate() instead of onNewIntent(). taskAffinity and allowTaskReparenting prevents this from happening: 1 – 1 (237:885)
- Do not call finish() in activity: 1 – 1 (157:935)
- System services not available to Activities before onCreate(), rollback change: 1 – 1 (162:67)
- Unable to resume activity NPE, static values must be set in the Application subclass in order to ensure that they always exist: 1 – 1 (164:127)
- Crash when resuming activity, null check on adapter: 1 – 1 (352:128)

- Crashes when app has been sent to background, catch exception: 1 – 1 (295:95)
- implement more lifecycle methods: 1 – 1 (321:1)
- add missing onClick method in SettingActivity: 1 – 1 (362:106)
- Stop scrolling when onPause is called: 1 – 1 (364:159)
- Update header in onResume: 1 – 1 (371:45)
- null check on view in onDestroy: 1 – 1 (375:38)
- Save and restore more state, so an Activity restart in the middle of a camera capture call works: 1 – 1 (16:157)
- DB was accessed in onResume without opening DB: 1 – 1 (16:123)
- null check on fragment: 1 – 1 (340:91)
- Cannot perform this action after onSaveInstanceState: 12 – 11; catch exception: 2 – 2 (157:209, 393:420), disable SavedInstanceState by passing null to super.onCreate: 1 – 1 (30:1), only show dialog when app is not in background (onPause=background, onResume=foreground): 1 – 1 (297:40), cancel asyncTask in onPause: 1 – 1 (72:614), dismiss() the DialogFragment in onPause() if the delayed dismiss() was already scheduled: 1 – 1 (243:192), handle implementation correctly using asyncTask: 1 – 1 (151:1629), avoid using fragment transactions after onSaveInstanceState() by delaying it until onResumeFragments: 1 – 1 (124:21), replace onResume with onResumeFragments: 1 – 1 (262:96), do not use fragment transactions after onSaveInstanceState(): 1 – 1 (157:511), check isDestroyed, isFinishing, and isChangingConfigurations: 1 – 1 (357:285), dismiss(DialogFragment) after pause/resume, replace dismiss() with dismissAllowingStateLoss: 1 – 1 (207:279)
- Fragment not attached to Activity: 15 – 12; ensure fragment is added to activity: 6 – 6 (30:61, 77:27, 155:301, 181:248, 257:7, 259:379), check Activity is not null or not isFinishing or isActivityDestroyed: 6 – 4 (90:16, 211:153, 211:116, 211:35, 247:2752, 387:331), handle privacy broadcasts from the main fragment receiver: 1 – 1 (157:723), race condition, catch exception: 1 – 1 (211:293), programming error due to a wrong call to getResources: 1 – 1 (329:13)
- Fragment related - Move callbacks from onCreate to onCreateView: 1 – 1 (143:77)
- Override onResumeFragment and handle intent: 1 – 1 (157:943)
- It is not allowed for a fragment to be inflated within a fragment! Must add fragment programmatically with getChildFragmentManager: 1 – 1 (32:285)
- Subclasses of PreferenceActivity must override isValidFragment: 3 – 3 (102:22, 128:161, 60:84)
- Load fragment in onCreate: 1 – 1 (36:152)
- Unregister event in onDestroyView of the fragment: 1 – 1 (116:715)
- Save and restore webView's scrollPosition in Fragment: 1 – 1 (221:48)
- Refresh the fragment in onRefresh: 1 – 1 (222:315)
- Fragment did not call through to super.onResume, call super.onResume: 1 – 1 (295:83)
- Invalid fragment, create another fragment and handle the case: 1 – 1 (242:103)
- Reset progress causes crash. Fragment must be a public static class to be properly recreated from instance state: 1 – 1 (27:4571)
- Don't attempt to load transactions in fragment if we are being restored without an activity, service or view: 1 – 1 (134:161)
- Content view not yet created: 2 – 2; handle fragment state properly by checking paused state: 1 – 1 (247:2964), use onCreateView instead of onActivityCreated in the fragment: 1 – 1 (32:373)
- StackOverflow due to the many layers of the UI, remove some layer: 2 – 1 (32:329, 32:254)

- The specified child already has a parent: 3 – 3; do not attach inflated hierarchy to the root: 1 – 1 (116:1389), get view properly: 1 – 1 (247:1823), call `removeView()` on the child's parent first: 1 – 1 (160:8)
- `ActionBarContextView` can only be used with `android:layout_width="match_parent"` (or `fill_parent`), override methods of a class and return false (workaround): 1 – 1 (131:62)
- Bail early if somehow the user is able to click view before the view is retrieved, null check: 1 – 1 (143:110)
- You cannot use `customView()` when you have content set, create wrapper for a dialog with a checkbox: 1 – 1 (157:720)
- View not attached to window manager: 3 – 3; dismissing progress dialog after activity has paused, catch exception: 1 – 1 (157:698), move Loaders from `AsyncTask`: 1 – 1 (314:5), catch exception: 1 – 1 (300:467)
- The content of the adapter has changed but `ListView` did not receive a notification, call `notifyDataSetChanged()`: 3 – 3 (194:348, 209:495, 143:115)
- Handle content of the adapter change properly: 1 – 1 (342:765)
- Cannot add header view to list -- `setAdapter` has already been called, call `addHeaderView` before `setAdapter`: 2 – 2 (155:19, 179:47)
- Clicking on empty area crashes, set on click listener null: 1 – 1 (227:17)
- Register the context menu using `registerForContextMenu`: 1 – 1 (289:112)
- `requestFeature()` must be called before adding content: 3 – 3; use `setView` instead of `setContentView` to inflate alertdialog: 1 – 1 (299:14), call `requestWindowFeature` before `super.onCreate`: 2 – 2 (212:28, 318:474)
- some images were too tall for Android to render: 1 – 1 (342:1312)
- Collapse action view associated with the menu: 1 – 1 (364:52)
- use stored view object instead of `getView()`: 1 – 1 (382:22)
- Use different container: 1 – 1 (387:720)
- override `onPrepareOptionsMenu` and set visibility: 1 – 1 (96:57)
- Get view properly: 1 – 1 (116:1479)
- 1MB cursor limit, check for `IllegalStateException` caused by cursor limit: 1 – 1 (27:4031)
- Check `wakeLock.isHeld()` before releasing it: 1 – 1 (286:66)
- Exceeded maximum number of wifi locks, only acquire lock if wifi lock is not held: 1 – 1 (347:56)
- `getApplicationIcon` may return vector drawable, handle the case: 1 – 1 (220:82)
- The meta-data tag in your app's `AndroidManifest.xml` does not have the right value: 1 – 1 (396:89)
- This Activity already has an action bar supplied, remove `android:theme` attribute: 3 – 3 (14:686, 29:1073, 254:1622)
- URI scheme in your app's manifest is not set up correctly, correct `android:scheme` value: 1 – 1 (188:344)
- This Activity already has an action bar supplied, remove `getSupportActionBar()` from source code and append `NoActionBar` in `android:theme` in manifest: 1 – 1 (207:41)
- Use different theme for the activity: 1 – 1 (38:369)
- Make Provider `android:authority` unique for Debug and Release builds: 1 – 1 (342:1955)
- `ClassNotFoundException` receiver, correct error in the manifest: 1 – 1 (259:503)

- Get proper context: 15 – 13 (32:553, 78:281, 107:62, 116:1727, 116:1713, 157:751, 157:739, 203:2, 210:19, 238:144, 247:2628, 255:459, 264:202, 364:191, 416:1)
- Fragment not attached to Activity, use proper context: 2 – 2 (157:510, 381:21)
- Get context properly: 5 – 5 (36:54, 174:56, 279:79, 290:265, 300:241)
- NPE, null check: 13 – 11 (32:292, 96:98, 116:117, 157:1, 157:530, 192:982, 192:981, 348:47, 362:806, 372:116, 382:89, 387:329, 408:420)
- NPE, define context with final keyword: 2 – 1 (19:473, 19:470)
- NPE, handle null condition: 1 – 1 (237:1420)
- NPE, use singleton: 1 – 1 (194:534)

Compatibility: 146 – 100 (app number - 6, 11, 13, 16, 18, 26, 27, 29, 32, 33, 36, 41, 43, 44, 45, 55, 60, 65, 73, 74, 78, 88, 92, 93, 98, 99, 100, 102, 105, 108, 115, 116, 120, 130, 141, 143, 148, 150, 151, 154, 155, 157, 163, 173, 175, 187, 191, 192, 194, 205, 209, 216, 219, 227, 234, 235, 237, 238, 242, 243, 247, 252, 254, 255, 256, 259, 267, 274, 288, 290, 293, 295, 298, 302, 309, 313, 318, 327, 342, 344, 347, 354, 357, 362, 363, 364, 365, 366, 370, 371, 372, 374, 380, 386, 388, 391, 392, 398, 408, 415)

- bindService() no longer supports implicit Intent starting with L, use explicit intent: 1 - 1 (6:225)
- Not allowed to send broadcast intent.action.HEADSET_PLUG, catch exception: 1 – 1 (6:131)
- NoSuchMethodError: 47 – 36; change implementation: 45 – 35 (6:142, 6:78, 18:418, 29:884, 29:223, 32:118, 73:249, 73:193, 78:280, 100:32, 102:155, 108:1, 143:224, 148:7, 192:1792, 192:193, 192:97, 209:513, 216:177, 227:108, 235:12, 242:175, 247:3775, 247:2927, 247:2218, 254:889, 255:364, 255:269, 259:426, 290:562, 290:217, 293:29, 302:95, 309:271, 318:124, 327:166, 342:1644, 342:317, 363:4, 365:7, 370:4, 386:1, 388:86, 391:550, 408:364), remove the method: 1 – 1 (120:33), catch exception: 1 – 1 (342:2154)
- NoClassDefFoundError: 3 – 3; use another class: 2 – 2 (13:22, 247:2394), use layout qualifiers to load correct views for different api levels: 1 – 1 (309:310)
- NoSuchFieldError, catch exception: 1 – 1 (173:19)
- Before Froyo we need to construct the external cache dir ourselves, check build: 1 – 1 (16:26)
- Use compatible command: 1 – 1 (11:466)
- incompatibility with Android embedded Web view, get resource before calling super.onCreate: 1 – 1 (26:406)
- PointF is not Parcelable in API7: 1 – 1 (32:248)
- UnsupportedOperationException: 4 – 4; use StringFactory instead: 1 – 1 (44:6), use Base.Widget.AppCompat.Button as parent style to style negative buttons: 1 – 1 (318:478), not supported on this device, catch exception: 1 – 1 (154:251), getBlob is not supported, retrofit getBlob method for android 2.3: 1 – 1 (237:984)
- nested fragments were introduced in Android 4.2, remove nesting: 1 – 1 (55:81)
- Uses different projections in querying calendar contract instances: 1 – 1 (60:89)
- Operation not permitted, check build version and handle accordingly: 2 – 2 (65:17, 115:116)
- Remove isDestroyed(): 1 – 1 (74:655)
- Catch exception: 1 – 1 (88:8)

- TimeZone.mTransition is now long[] in SDK 23, Update timezone and Change android version: 1 – 1 (102:12)
- The Android version of SimpleDateFormat doesn't support the X pattern: 1 – 1 (116:1711)
- Need to use app:srcCompat instead of android:src for image view when you use vector on devices below api 21: 1 – 1 (130:995)
- Use CheckBoxPreference instead of SwitchPreference for old versions: 1 – 1 (141:1)
- Rename fragment.getLayoutInflater for Android O+. This method name is a duplicate of a final method in class Landroid/app/Fragment: 1 – 1 (151:2540)
- Use `android.content.pm.LauncherApps` for app discovery on Android 5+: 1 – 1 (154:597)
- Crashes while loading contact photo using LOOKUP_KEY, catch exception and fall back to old method of retrieving photo: 1 – 1 (157:671)
- For Lollipop, the user certificates path changed: 1 – 1 (191:3)
- Use the deprecated preferences activity: 1 – 1 (192:164)
- Use Google's SupportMapFragment instead of MapFragment: 1 – 1 (192:129)
- Cast AbsListView to ListView: 1 – 1 (194:246)
- In api < 23 Fragment.onAttach(Context) is never called by android, override deprecated Fragment.onAttach(Activity): 1 – 1 (205:441)
- Dependency "synchronization" not found for preference "sync_period", remove the call: 1 – 1 (209:512)
- onClick in the menu resource file doesn't work on 4.0.x if you use a theme, handle through source code: 1 – 1 (219:13)
- GeoPoint not working properly in <= API 16: 1 – 1 (234:16)
- Using an attribute for color will crash on API <= 20. Different drawable xmls are necessary for each theme: 1 – 1 (237:1470)
- Move ic_settings_launcher_36dp.xml from drawable-nodpi to drawable: 1 – 1 (238:79)
- If using ActionBarSherlock or ActionBarCompat you should use the appropriate provided extra, change imports: 1 – 1 (242:49)
- CertificateException: java.security.cert.CertPathValidatorException: TrustAnchor found but certificate validation failed, do not use this security provider for Android 5+: 1 – 1 (252:51)
- Check build version to get root container: 1 – 1 (255:333)
- Log.wtf is not supported in < 2.2, remove the call: 1 – 1 (288:48)
- Do not use android:summary in preference. Get summary programmatically: 1 – 1 (313:89)
- check for older targets via @TargetApi: 1 – 1 (344:65)
- Open folder crashes on Android 7, set VM policy to avoid crash when sending folder URI to file manager: 1 – 1 (362:831)
- the documents folder isn't available on older Android versions, check build version: 1 – 1 (362:772)
- Use normal theme instead of dialog theme. This caused problems as dialogs don't have an ActionBar, and adding ActionBar explicitly gives problems with old API levels: 1 – 1 (362:51)
- Honeycomb version 11 does not show title bar (has custom title bar, so getActionBar() returns null), null check: 1 – 1 (99:20)
- Use ContextCompat instead of context for getDrawable for API level <21: 1 – 1 (371:77)
- Fix build version check, increase version no: 1 – 1 (374:12)
- Could not find method android.view.Window.setStatusBarColor, add flag FLAG_DRAWS_SYSTEM_BAR_BACKGROUNDS: 1 – 1 (187:8)

- skip theme preference on holo devices: 1 – 1 (391:375)
- set exported = false explicitly, providers are by default exported in lower versions: 1 – 1 (392:7)
- RemoteControlClient recycles bitmaps on it's own. Check build version and copy bitmap: 1 – 1 (92:197)
- Upgrade library or dependency: 27 – 25 (13:106, 27:4478, 27:4330, 27:3772, 32:501, 36:62, 43:38, 44:38, 74:1384, 98:56, 130:988, 150:99, 151:1737, 227:266, 255:371, 256:11, 267:28, 274:8, 295:140, 298:1, 347:353, 357:284, 362:591, 366:460, 372:225, 380:218, 415:4)
- Downgrade library: 5 – 5 (27:3739, 45:10, 342:1374, 362:580, 364:285)
- Remove library: 2 – 2 (41:8, 155:314)
- Workaround for bug in support library: 2 – 2 (33:24, 243:152)
- Workaround for bug in support library, check build version and handle: 2 – 2 (163:329, 391:252)
- Use different class of the support library: 1 – 1 (93:50)
- Restore switch compatibility library: 1 – 1 (302:974)
- Bug in Android appcompat support library, fixed by removing the `setSupportProgressBarIndeterminate()` method call: 1 – 1 (157:97)
- AppCompat does not support API level < 21, check build version: 1 – 1 (398:19)
- `FileUriExposedException`. For `targetSdkVersion` is 24 or higher, use `FileProvider` class to give access to the particular file or folder to make them accessible for other apps. add `FileProvider` in the manifest: 2 – 2 (318:656, 354:2)
- Remove shared element transition: 1 – 1 (175:6)
- Update build tool version in gradle: 1 – 1 (105:4)

App Resources: 89 – 63 (app number - 14, 18, 19, 26, 29, 31, 32, 35, 36, 38, 52, 53, 72, 74, 80, 107, 110, 116, 117, 126, 127, 128, 154, 155, 157, 172, 176, 185, 192, 194, 197, 205, 207, 209, 211, 227, 230, 231, 237, 244, 247, 248, 255, 264, 289, 292, 294, 313, 329, 334, 335, 342, 347, 352, 359, 362, 364, 366, 367, 380, 382, 408, 409)

- Fix style: 1 – 1 (18:331)
- Fix theme issue in style: 7 – 6 (31:440, 110:69, 116:540, 126:1, 176:15, 176:3, 335:123)
- Add theme style for v23 in values-v23: 1 – 1 (227:222)
- Remove `res/values-large/styles.xml`: 1 – 1 (36:18)
- API21- crash on theme handling, created two separate drawable files instead of using a custom `?attr` in drawable: 1 – 1 (154:208)
- Fix drawable: 2 – 2 (211:333, 364:206)
- Add missing resource id: 1 – 1 (18:111)
- Update resource id: 1 – 1 (38:434)
- Use resource id correctly in the source code: 1 – 1 (347:344)
- Use correct resource layout in the source code: 1 – 1 (313:104)
- Restore deleted menu item: 1 – 1 (18:68)
- Remove toggle button: 1 – 1 (19:1021)
- Translation problem: 9 – 9 (26:130, 32:702, 72:326, 157:911, 192:1514, 244:604, 247:1604, 367:153, 409:36)
- Translation problem, fix missing plurals: 1 – 1 (157:930)

- a bug with localization: 1 – 1 (342:291)
- Incorrect localization causes index out of bound: 1 – 1 (32:246)
- Create missing text view: 1 – 1 (32:355)
- Fix layout view: 1 – 1 (32:339)
- Fix layout view width: 1 – 1 (342:172)
- ClassNotFoundException when unmarshalling: android.support.v7.widget.Toolbar\$SavedState, fix layout resource: 1 – 1 (209:532)
- Fix image view: 1 – 1 (157:632)
- Fix text view: 1 – 1 (205:428)
- Drawable - Fix icon renaming to match recommended naming conventions: 1 – 1 (36:61)
- Correctly define view's background value: 1 – 1 (38:457)
- Add drawables and correct view's background value: 1 – 1 (38:421)
- Resource retrieved incorrectly, remove resource string and retrieve programmatically: 1 – 1 (35:11)
- Add default strings.xml to fall back to English: 1 – 1 (52:54)
- Fix strings: 3 – 3 (72:41, 172:3, 231:19)
- Add missing strings: 1 – 1 (72:106)
- Correct resource string in the source code: 2 – 2 (207:31, 334:294)
- Move string array from string.xml to arrays.xml: 1 – 1 (289:18)
- Change resource file location: 1 – 1 (74:268)
- for vector resources, set AppCompatActivity.setCompatVectorFromResourcesEnabled(true): 1 – 1 (80:99)
- fix vector drawable: 1 – 1 (185:15)
- No view found for id, make sure that layout resource id is unique: 1 – 1 (107:61)
- The specified key should be an id declared in the resources of the application: 1 – 1 (117:47)
- Correct android:pathData in vector drawable: 1 – 1 (127:404)
- Don't use placeholder, use full package name/classname instead in pref headers: 1 – 1 (128:93)
- ClassNotFoundException, correct the package name in preferences.xml: 1 – 1 (154:51)
- Fix PreferenceScreen: 1 – 1 (237:1956)
- Set android:defaultValue for preference: 1 – 1 (255:487)
- Unknown component, correct target component package name in preference screen: 1 – 1 (14:816)
- Moved the intent based header to the end - the first header must be fragment based in the preferences file: 1 – 1 (359:55)
- Remove hardcoded applicationID (class name) for aboutActivity in preferences, instead use intent filter: 1 – 1 (352:6)
- Refactor Setting preference: 1 – 1 (364:528)
- Do not use RippleView: 1 – 1 (155:302)
- Wrong state class, expecting View State but received class, Layout had different classes for the same ID when rotating, make same class: 1 – 1 (194:391)
- Remove layout alias used for large screens: 1 – 1 (211:332)
- Resource not found, catch exception: 2 – 2 (227:190, 237:969)
- Resource not found, get drawable correctly: 1 – 1 (230:532)
- Resource is missing, remove the code referencing the resource ID: 1 – 1 (237:1081)
- Use support library to get resource: 1 – 1 (247:2575)
- Add missing icon: 1 – 1 (248:70)

- Use AppCompatDrawableManager instead of ContextCompat to get drawable: 1 – 1 (255:530)
- Change drawable resource: 1 – 1 (255:519)
- Crash when ellipsing line, add android:singleLine="true" in the text view: 1 – 1 (264:207)
- Missing call to getResources() added: 1 – 1 (294:30)
- Theme color pref - Color setting was set to an invalid resource: 1 – 1 (342:640)
- Resolve colors correctly: 1 – 1 (366:157)
- Change background transparent to solid color: 1 – 1 (53:8)
- Assign android:color value properly: 1 – 1 (408:384)
- the xxxhdpi `active` drawable was corrupted, regenerating the drawable fixed: 1 – 1 (362:690)
- two views of different type have the same id in the same hierarchy, fixed duplicate view IDs used: 1 – 1 (380:154)
- Remove scientific e notation from vector drawables: 1 – 1 (382:279)
- New background image with smaller resolution: 1 – 1 (408:417)
- Add or change proguard rules: 5 – 5 (29:1905, 197:126, 292:57, 329:11, 362:389)

Permission-based Security: 59 – 46 (app number - 6, 14, 19, 26, 32, 54, 62, 72, 86, 89, 95, 102, 111, 123, 125, 149, 154, 157, 166, 168, 169, 170, 183, 193, 220, 222, 225, 230, 238, 242, 245, 250, 264, 265, 266, 284, 298, 313, 324, 325, 338, 345, 359, 369, 376, 395)

- Services can show dialogs using TYPE_SYSTEM_ALERT which require SYSTEM_ALERT_WINDOW permission. Add the permission: 1 – 1 (14:688)
- Add missing system permission: 12 – 11 (26:127, 95:13, 149:13, 166:36, 220:105, 242:202, 266:3, 284:10, 338:117, 345:197, 345:89, 359:67)
- Permission denial, catch exception and show error message: 4 – 4 (32:105, 168:116, 324:67, 369:7)
- Permission Denial: not allowed to send broadcast android.intent.action.PHONE_STATE, catch exception: 1 – 1 (170:12)
- The NetworkInterface API call seems to require the INTERNET permission. Using the WifiManager allows us to remove this requirement: 1 – 1 (245:37)
- Use app's private directory to load data: 1 – 1 (325:16)
- File.listFiles() returns null on API 24, null check (actual solution is to use read external storage permission): 1 – 1 (86:191)
- SecurityException: Not allowed to change Do Not Disturb state, catch exception and show Do Not Disturb access settings: 1 – 1 (238:67)
- No persistable permission grants found for UID and Uri, add permission flags for uri: 2 – 1 (157:734, 157:582)
- Custom permission has been used without defining, define the permission: 1 – 1 (19:746)
- Add missing custom permission: 1 – 1 (225:11)
- Permission Denial due to apps install order, catch exception: 1 – 1 (123:175)
- Implement runtime permission: 23 - 18 (6:232, 6:216, 54:23, 62:3, 62:1, 72:393, 72:117, 102:176, 102:43, 111:64, 125:194, 183:78, 193:19, 222:289, 230:329, 250:6, 264:155, 264:138, 265:26, 298:3, 313:67, 376:33, 395:23)
- Correct runtime permission implementation: 2 – 2 (72:187, 89:52)
- Properly handle the part where permission is not granted: 2 – 2 (72:164, 157:758)

- Grant permission required by other apps: 1 – 1 (166:27)
- Catch exception when the permission is not granted: 1 – 1 (123:182)
- Check for SD write permission before deleting a folder: 1 – 1 (125:50)
- Stay on Lollipop SDK: 1 – 1 (154:549)
- Update library: 1 – 1 (169:12)

Device Orientation: 58 – 48 (app number - 7, 16, 17, 18, 29, 31, 36, 81, 82, 92, 112, 119, 143, 151, 157, 194, 198, 207, 211, 215, 228, 237, 247, 252, 254, 255, 258, 259, 290, 292, 293, 305, 306, 316, 331, 341, 342, 346, 352, 358, 364, 382, 385, 401, 408, 412, 417, 418)

- Prevent activity destruction on orientation by adding android:configChanges: 10 – 10 (7:44, 16:7, 157:238, 258:28, 290:585, 331:28, 385:31, 412:56, 417:1, 418:6)
- fix screen orientation through android:screenOrientation: 3 – 3; portrait: 2 – 2 (346:7, 358:28), sensor: 1 – 1 (401:5)
- Fragment must be a public static class to be properly recreated from instance state: 1 – 1 (17:110)
- Replace onCreate with onActivityCreated in the fragment: 1 – 1 (237:1849)
- Fragment not attached to Activity, Save state in onCreate: 1 – 1 (18:547)
- Cannot perform this action after onSaveInstanceState, do not open WelcomeDialogFragment in onPostExecute: 1 – 1 (198:72)
- No view found for id, nested fragments can't handle setRetainInstance: 1 – 1 (29:1599)
- Unable to instantiate fragment, revert retain instance to true: 1 – 1 (259:231)
- Initialize fragment in onAttachFragment: 1 – 1 (81:853)
- Move initialization of fragment to onCreateView from onCreate: 1 – 1 (408:352)
- Override onAttach and onDetach methods of the fragment: 1 – 1 (157:230)
- onLoadFinished called twice, after loading call getLoaderManager().destroyLoader(LOADER_ID): 1 – 1 (151:1227)
- Catch exception: 4 – 3 (7:16, 7:15, 207:959, 306:563)
- Re-order method call sequence: 3 – 3 initialize object at proper place(18:353), modify adapters properly (82:22, 92:345)
- Move the instantiation of an object to onCreate() method: 1 – 1 (207:448)
- An object is called before its created, check null: 1 – 1 (293:451)
- ClassCastException: ScrollView\$SavedState cannot be cast to HorizontalScrollView\$SavedState, remove scrollview id & inflatedId, override onSaveInstanceState and onRestoreInstanceState: 1 – 1 (36:115)
- Check null on saved instance state: 1 – 1 (112:14)
- Recreate progress bar if the activity is destroyed: 1 – 1 (119:2)
- Instantiate arraylist when creating and call super.onSaveInstanceState: 1 – 1 (143:108)
- View not attached to window manager: 5 – 5; null check: 2 – 2 (194:10, 247:1776), dismiss dialog in onDestroy: 1 – 1 (305:1), catch exception in dialog#dismiss: 1 – 1 (385:51), catch exception: 1 – 1 (382:8)
- Get resources in onCreate: 1 – 1 (207:921)
- Override onViewStateRestored and check null context: 1 – 1 (207:850)
- Before calling finish(), check the activity is not null: 1 – 1 (211:134)

- Override finishUpdate and catch exception: 1 – 1 (215:80)
- on pre ICS devices you have to call the super function in the onChangeListener: 1 – 1 (228:1)
- handle orientation change without activity restart: 1 – 1 (252:12)
- Use object properly: 1 – 1 (254:1348)
- Generated resource id properly for dynamically created component: 1 – 1 (254:137)
- Get resources properly: 1 – 1 (341:103)
- Bug in Google API, workaround – use getSupportActionBar instead of getActionBar: 1 – 1 (255:244)
- Check the value in the bundle is not null: 1 – 1 (292:139)
- Rewrite all the dialogs using DialogFragments instead of AlertDialog: 1 – 1 (316:30)
- Check instance of: 1 – 1 (342:235)
- Check null on view: 1 – 1 (352:127)
- Use proper context: 1 – 1 (382:147)
- Do not use this.activity: 1 – 1 (31:422)
- Handle orientation lock properly: 1 – 1 (364:125)

Inter-Component Communication: 49 – 40 (app number - 2, 7, 19, 26, 29, 32, 43, 48, 49, 50, 60, 72, 74, 106, 122, 127, 129, 143, 151, 157, 184, 192, 197, 207, 237, 243, 247, 254, 263, 299, 302, 339, 340, 351, 362, 374, 381, 397, 400, 410)

- Catch exception and display a custom URI: 2 - 2 (2:13, 49:13)
- Catch exception and display error message: 11 – 10 (26:300, 32:289, 72:114, 106:153, 122:23, 157:780, 184:3, 351:58, 362:822, 362:71, 400:50)
- Catch exception and create a fake intent return for onActivityResult: 1 – 1 (237:1806)
- Retrieve URI correctly: 1 – 1 (26:405)
- Restructure the URL link: 1 – 1 (143:89)
- Query on package manager: 6 – 5 (29:880, 43:36, 60:48, 74:1323, 74:1168, 374:84)
- If the contact id (part of uri) does not exist then return: 1 – 1 (237:1260)
- Remove the code which starts the activity: 1 – 1 (247:3568)
- Use full package name in the manifest: 1 – 1 (254:1602)
- Workaround, Invert the native activity preference: 1 – 1 (302:379)
- Recreate activity when some changing preferences: 1 – 1 (339:435)
- There were two parallel network requests launched, fix double auth dialog: 1 – 1 (410:78)
- null check on intent: 4 – 4 (7:26, 19:164, 247:2239, 263:6)
- null check on intent and extra: 1 – 1 (48:11)
- check getIntent hasExtra before accessing: 1 – 1 (299:13)
- null check on intent data: 1 – 1 (254:1341)
- null check on intent and action: 1 – 1 (50:16)
- null check on action: 1 – 1 (362:604)
- Check for null intent passed to Service.onStartCommand (happens when the service is restarted by Android): 1 – 1 (397:238)
- START_STICKY service recreated by calling onStartCommand() with a null intent, null check: 1 – 1 (192:668)

- Failure delivering result ResultInfo: 2 – 2; check null on returned data: 1 – 1 (72:197), check null on url: 1 – 1 (340:90)
- Calling startActivity() from outside of an Activity context requires the FLAG_ACTIVITY_NEW_TASK flag: 2 – 2 (129:13, 410:84)
- When there is another app that can handle the Edit Intent for Tasks, the Chooser will crash, make sure to put custom Parcelables into a nested Bundle to make sure it's not unparcelled by any intermediate system app: 1 – 1 (243:221)
- Got an activity result that wasn't meant for us, pending intent activities are launched and the result is delivered back via onPendingIntentResult(): 1 – 1 (151:1582)
- call onActivityResult with super keyword: 1 – 1 (381:109)
- Failure sending broadcast Intent TransactionTooLargeException, use data holder instead of passing huge directory through intent extra: 1 – 1 (207:694)
- Too large string to pass through bundle: 1 – 1 (127:154)
- SecurityException: Not allowed to start service Intent without permission none, Export service component: 1 – 1 (197:179)

Memory: 49 – 35 (app number - 7, 16, 18, 26, 29, 32, 36, 57, 66, 68, 72, 80, 96, 113, 116, 130, 151, 179, 181, 192, 196, 204, 207, 209, 212, 214, 254, 255, 275, 293, 306, 342, 343, 357, 414)

- Corrupted file, sanity check and show error message: 1 – 1 (7:50)
- Downscale image: 7 – 6 (16:104, 26:250, 26:179, 113:121, 130:513, 342:2412, 343:18)
- Call recycle on the bitmap object when the activity is paused: 1 – 1 (66:134)
- Cache pre-scaled bitmaps, not original size. Also, hold a BitmapCache in a singleton to avoid leaking bitmaps and/or recycling bitmaps that are already in use: 1 – 1 (293:116)
- Catch exception in handling bitmap: 1 – 1 (209:502)
- Set largeHeap to true and recycle the images: 1 – 1 (181:253)
- Create process with large heap and do not support hardware accelerated: 2 – 2 (68:13, 116:1260)
- Return a reference to the bitmap but not hold a reference itself, so that the bitmap can be garbage collected: 1 – 1 (96:8)
- Use stream: 1 – 1 (18:471)
- Catch exception and decrease maximum cache size: 1 – 1 (26:351)
- Catch exception: 3 – 3 (29:2195, 32:78, 306:1262)
- Use weak reference for cache: 1 – 1 (36:6)
- Don't process multiple events in parallel: 1 – 1 (57:15)
- Refactor: 1 – 1 (66:2)
- Limit no. of files upload: 1 – 1 (72:607)
- Change UI design: 1 – 1 (80:65)
- All favorites are loaded into memory, don't load all: 1 – 1 (96:12)
- Don't load the entire workbook into memory: 1 – 1 (204:8)
- Don't load all local message metadata into memory during synchronize: 1 – 1 (151:2061)
- Iterate messages by uid, don't keep messages around longer than necessary: 1 – 1 (151:1879)
- OOM after changing screen orientation multiple times, reuse previous requests to fetch text diffs after a config change: 1 – 1 (179:48)

- Place Upper bounds on log lines: 1 – 1 (192:1084)
- Limit wifi and cellular data per location: 1 – 1 (192:993)
- Data accumulated constantly making them become HUGE and exponentially increasing storage necessary, clear data: 1 – 1 (192:591)
- Null all references to UI elements and call GC: 1 – 1 (196:129)
- Null various listeners in onDestroy: 1 – 1 (306:754)
- Some file exports need to create the whole file in memory before saving it, detect a low memory situation and stop creating rows: 1 – 1 (204:60)
- The activity is removed from the stack: 1 – 1 (207:843)
- Properly handle file: 1 – 1 (209:533)
- Infinite dialog loop when video files can't be loaded, check VideoPlayerFragment.this.isPrepared before starting mediaPlayer: 1 – 1 (212:71)
- Don't pass entire SearchResults back to activity: 1 – 1 (212:31)
- Don't use Volley in ImageViewerActivity: 1 – 1 (212:14)
- Refactor asyncTask and use adapter: 1 – 1 (214:23)
- Reorder the code which cancels thumbnail generation task: 1 – 1 (254:1169)
- OOM when scrolling Thumbnails, create view only if differs, otherwise reuse: 1 – 1 (254:905)
- Prevent the Podcast Player from getting killed by system because of low memory, use startForeground() for podcast service component: 1 – 1 (255:396)
- Convert PNG files to WEBP and startup graphics intro to SVG vector images: 1 – 1 (275:6)
- Use another image library: 1 – 1 (342:147)
- Cancel when area too large to display: 1 – 1 (357:137)
- Write from zip directly to disk, and don't load in memory first: 1 – 1 (414:122)

Device and OS: 21 – 17 (app number - 13, 26, 29, 60, 92, 128, 133, 144, 192, 204, 307, 335, 345, 347, 366, 410, 413)

- Device specific, use FLAG_UPDATE_CURRENT instead of FLAG_CANCEL_CURRENT: 1 – 1 (335:222)
- devices without vibrator, check vibrate preference is not null: 1 – 1 (335:65)
- Device specific, nothing can be done: 1 – 1 (345:548)
- Device specific, only query provide for needed fields: 1 – 1 (345:253)
- Device specific, update proguard rules: 3 – 3 (29:1883, 347:322, 366:199)
- Device specific – NFC services on Samsung: 1 – 1 (413:9)
- Native library does not exists on the phone, show error msg: 1 – 1 (307:5)
- Android WebView was not present on device, catch exception: 1 – 1 (410:193)
- Phone does not have external storage, handle the condition: 1 – 1 (133:302)
- UnsupportedOperationException: Unexpected Phone Type: 0, default the signal strength and CDMA dbm to be UNKNOWN_SIGNAL: 1 – 1 (192:1137)
- Crash when exporting on a non-gsm, non-cdma device. IllegalArgumentException: Error: unknown phone type 0, handle the case with another column in provider: 1 – 1 (204:12)
- Got an intent not generated by IntentGenerator, add EXTRA_FLAG_TITLE to intent: 1 – 1 (144:777)
- use the context menu for the first fragment when two are open, the app will crash, recreate context menu: 1 – 1 (92:181)

- SQLiteConstraintException: reports.radio may not be NULL. mPhoneType is not one of these values PHONE_TYPE_GSM and PHONE_TYPE_CDMA, There are a lot of devices which can't do phone calls out here. Almost all the tablets, allow empty phone type: 1 – 1 (192:598)
- Construct intent in proper format for Samsungs S Planner calendar app when creating new event: 1 – 1 (60:57)
- Android firmware bug, can't do anything: 1 – 1 (26:263)
- Android's implementation of InflaterInputStream: 1 – 1 (13:47)
- Location.convert(String) is localization independent, so it throws an exception when a parameter contains a "," instead of a "." as decimal separator: 1 – 1 (128:10)
- fix bug in PackageManager - a replaced package name might cause non-exported intents to appear: 1 – 1 (144:624)

Process and Threads: 19 – 17 (app number - 14, 29, 76, 78, 159, 162, 165, 189, 237, 255, 277, 323, 324, 342, 347, 348, 362)

- Can't create handler inside thread that has not called Looper.prepare(): 6 – 6; instantiate handler with Handler(Looper) constructor: 2 – 2 (14:620, 76:42), added a call to Looper.prepare(): 1 – 1 (165:2), run toast in UI thread: 1 – 1 (78:265), use AsyncTask: 1 – 1 (362:18), remove the function: 1 – 1 (237:1493)
- NetworkOnMainThreadException: 6 – 6; use AsyncTask: 3 – 3 (159:1, 277:83, 342:367), set thread policy: 1 – 1 (162:66), run on background thread: 2 – 2 (324:99, 348:97)
- CalledFromWrongThreadException, call adapter data set refresh in the main thread: 1 – 1 (347:278)
- The content of the adapter has changed but ListView did not receive a notification, make sure the content of your adapter is not modified from a background thread: 2 – 2 (189:85, 324:71)
- resuming of a podcast is done on the main thread, use separate thread: 1 – 1 (29:215)
- Thread limit reached, use HandlerThread instead of async task: 1 – 1 (323:1)
- Do not create separate process for the activities, use default process: 1 – 1 (237:1123)
- SecurityException: Not allowed to bind to service, start service in remote process using android:process tag in manifest: 1 – 1 (255:388)

Back and Up Navigation: 17 – 16 (app number - 5, 6, 14, 19, 31, 36, 38, 39, 72, 128, 134, 144, 237, 264, 318, 341)

- Back Pressed - Null check: 4 – 4, null intent (5:10), null activity context (14:851, 134:47), view not loaded (36:39)
- Back pressed NPE – load fragment in onCreate rather than in onRestart: 1 – 1 (14:741)
- Back pressed NPE – not finished loading (AsyncTask) override onDestroy in the fragment and handle it gracefully: 1 – 1 (72:283)
- Back pressed, back during an update process, check if activity is finishing before alert dialog is shown: 1 – 1 (38:471)
- Back Pressed – user exits from a dialog fragment too fast, catch exception: 1 – 1 (31:31)

- Back Pressed, use proper context: 2 – 2 use context instead of activity context (264:196),
getApplicationContext instead of getContext (341:111)
- Back Pressed, remove NavUtils for home button: 1 – 1 (128:56)
- Parent Activity not specified - add the android.support.PARENT_ACTIVITY <meta-data> element: 1 – 1
(6:180)
- Activity does not have a parent activity name specified, use fully qualified component names to
refer to parent activities: 1 – 1 (144:761)
- Up Navigation, add android:parentActivityName="..." in AndroidManifest: 1 – 1 (39:3)
- Back pressed, add code for up navigation: 2 – 2 (237:567, 318:205)
- Back Pressed - incorrect implementation of onBackPressed(), Null check and finish fragment: 1 – 1
(19:544)