

Dataset: Configuration change in Android apps

1. <https://github.com/d4rken/reddit-android-appstore>

Project created date: 2016-09-03

Download in play store:

Commit period: Sep 4, 2016 to Aug 7, 2017 - 11 months

Commit number: 10

No. of developers involved: 4 (6, 2, 1, 1)

App components: activity – 4

1# About activity added.

2# Add android:parentActivityName in an activity.

3# Add android:parentActivityName in an activity.

4# Add setting activity. Add label in about activity.

5# remove an activity. add an activity. change parent activity name. change directory of an activity.

6# add android:configChanges="orientation|screenSize"

7# remove android:configChanges="orientation|screenSize"

8# add a meta-data in app.

9# add theme in an activity.

10# revert 8#.

2. <https://github.com/j4velin/SystemAppMover>

Project created date: 2013-11-20

Download in play store: 1,000,000 - 5,000,000

Commit period: Jul 11, 2014 to Oct 4, 2016 – 2 yrs. 2 months

Commit number: 8

No. of developers involved: 2 (7, 1)

App components: activity – 1

Exclusive version and uses-sdk related commit: 7

1# version update.

2# version update.

3# increased target sdk from 17 to 21 and version update.

#4 version update.

#5 version update.

#6 version update.

#7 included theme for the app and increase min sdk from 4 to 7.

#8 version update.

3. <https://github.com/LonamiWebs/Kloon1010>

Project created date: 2017-01-31

Download in play store: XXXXXXXX

Commit period: Jan 27, 2017 – 1 day

Commit number: 2

No. of developers involved: 1

App components: activity – 1

- 1# change value of android:screenOrientation from landscape to portrait.
- 2# change app icon

4. <https://github.com/uberspot/2048-android>

Project created date: 2014-03-14

Download in play store: 1,000,000 - 5,000,000

Commit period: Mar 15, 2014 to Sep 6, 2016 – 2 yrs. 5 months

Commit number: 19

No. of developers involved: 2 (18, 1)

App components: activity – 1

Exclusive version and uses-sdk related commit: 17

1# update version.

2# update version. Add theme in an activity. Set orientation to portrait. Set config change.

3# update version.

4# update version.

5# update version.

6# update version.

7# update version.

8# include screenSize in android:configChanges.

9# update version.

10# update version.

11# update version.

12# downgrade min sdk version from 10 to 8.

13# update version. Upgrade target sdk from 19 to 20.

14# update version.

15# update version. Upgrade target sdk from 20 to 22.

16# update version. Upgrade target sdk from 22 to 23.

17# update version.

18# update version.

19# update version. Upgrade target sdk from 23 to 24

5. <https://github.com/2buntu/2buntu-android-app>

Project created date: 2013-04-30

Download in play store: 500 - 1,000

Commit period: May 8, 2013 to Nov 4, 2013 – 6 months

Commit number: 23

No. of developers involved: 2 (22, 1)

App components: activity – 4 service -1 receiver – 1 provider – 1

Exclusive version and uses-sdk related commit: 10

1# added a use permission.

2# update version. Add a use permission. Add a service and a receiver components.

3# add default install location “internalOnly”.

4# add a provider component.

5# version update.

6# change name of a receiver.
7# version update.
8# version update.
9# remove labels from two activities.
10# version update. Add android:logo in application.
11# change app logo.
12# version update.
13# change default install location to "auto". Version update.
14# version update. Upgrade target sdk from 17 to 18. Add an activity component.
15# version update.
16# add setting activity.
17# version update.
18# version update.
19# add app name. replace fully qualified class name with shorthand for activities.
20# version update.
21# add a use permission. Version update.
22# version update.
23# version update. Upgrade target sdk from 18 to 19.

6. <https://github.com/tuxmobil/CampFahrplan>

Project created date: 2011-07-14

Download in play store: 10,000 - 50,000

Commit period: Oct 24, 2014 to Dec 24, 2014 – 2 months

Commit number: 10

No. of developers involved: 2 (8, 2)

App components: activity – 6 service – 1 receiver – 3 provider –

Exclusive version and uses-sdk related commit: 1

1# correct formatting.
2# remove version and uses-sdk.
3# add an activity.
4# remove android:logo.
5# remove an activity. add an activity.
6# add theme in the setting activity.
7# add theme in an activity.
8# add theme in an activity.
9# add an activity.
10# add launchMode to "singleTop" in the main activity.

7. <https://github.com/ligi/SCR>

Project created date: 2014-12-03

Download in play store: 1,000 - 5,000

Commit period: Nov 22, 2016 to – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –
1# added xmlns:tools.

8. <https://github.com/eqvinox/wifisetup>

Project created date: 2015-08-05

Download in play store: 1,000 - 5,000

Commit period: Aug 6, 2015 to Aug 5, 2016 – 1 yr. 0 months

Commit number: 5

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# change package name. upgrade version. Upgrade min sdk from 14 to 18. Upgrade target sdk from 19 to 21. Add a uses-feature. Remove two activities. add an activity.

2#, 3#, 4#, 5# version update.

9. <https://github.com/k3b/APhotoManager>

Project created date: 2015-07-27

Download in play store:

Commit period: Jun 4, 2015 to Aug 29, 2017 – 2 yrs. 2 months

Commit number: 50

No. of developers involved: 1

App components: activity – 8 service – receiver – provider –

1# add a use permission.

2# add a setting activity.

3# add a use permission.

4# add an activity.

5# change name and label of an activity.

6# comment out main intent filter.

7# change name of an activity.

8# change app icon value.

9# change app icon value.

10# change package structure of an activity name. Add an activity.

11# Remove two use permissions. change name of two activities. Remove an activity.

12# add an activity.

13# add app name.

14# add four use permissions.

15# change package name and app name. add fully qualified name in the activities.

16# add copyright.

17# add fully qualified name in app name. remove setting activity.

18# remove an activity.

19# add an intent filter in an activity.

20# add label and data tag in an intent filter.

21# add an intent filter. Remove a data from an intent filter.

22# change a comment.

23# add install location "auto"
24# add support-screens tag. Use shorthand class name. Add an activity.
25# remove main intent filter. Remove some actions.
26# include label in an activity. Remove label from filters. Add a category.
27# add main filter.
28# add an activity.
29# change android:allowBackup value from true to false.
30# add a use feature. Set large heap true.
31# add a use permission.
32# add setting activity.
33# change label of four activities.
34# change label of an activity.
35# add an action in a filter.
36# add action elements in a filter.
37# add intent filters.
38# add xmlns:tools. Add tools:replace="android:allowBackup" in application.
39# add intent filters and a category in a filter.
40# add two use permissions.
41# add intent filters.
42# add intent filters.
43# add an activity.
44# add icon in an activity. Add an activity.
45# remove an activity.
46# change android:mimeType value of a data element.
47# change an icon value in an activity.
48# add an activity.
49# add an activity
50# remove an activity. add an activity. change name and label of an activity.

10. <https://github.com/netmackan/ATimeTracker>

Project created date: 2013-07-30

Download in play store: 100 - 500

Commit period: Jul 31, 2013 to Jun 13, 2016 – 2 yrs. 10 months

Commit number: 14

No. of developers involved: 2 (13, 1)

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 9

1# commented out uses-sdk

2# version update. Change label of an activity.

3# change package name and shared id. Update version.

4#, 5#, 6# version update.

7# Renamed activity Preferences to Settings.

8# revert 1# and downgrade target sdk from 15 to 14.

9# add android:installLocation="preferExternal".

10# version update.
11# add use permissions.
12# version update.
13# version update.
14# version update.

11. <https://github.com/jroal/a2dpvolume>

Project created date: 2015-03-14
Download in play store: 100,000 - 500,000
Commit period: Jan 17, 2016 to Oct 16, 2017 – 1 yr. 9 months
Commit number: 15
No. of developers involved: 1
App components: activity – 8 service – 4 receiver – 2 provider –
Exclusive version and uses-sdk related commit: 10

1# version update.
2# version update. Upgrade target sdk from 18 to 23.
3# version update. Remove use permissions. Upgrade min sdk version from 15 to 19. Remove a service. Add a service.
4#, 5#, 6# version update.
7# version update. Downgrade target sdk from 23 to 19.
8# version update. Upgrade target sdk from 19 to 23.
9#, 10# version update.
11# add meta-data for app indexing in play store.
12# version update
13# comment out meta-data. Update version.
14# add a use permission.
15# version update.

12. <https://github.com/itkach/aard2-android>

Project created date: 2014-07-20
Download in play store: 10,000 - 50,000
Commit period: Aug 7, 2014 to Oct 15, 2017 – 3 yrs. 2 months
Commit number: 51
No. of developers involved: 1
App components: activity – 31 service – receiver – provider –
Exclusive version and uses-sdk related commit: 37

1# downgrade min sdk from 17 to 15.
2# add android:configChanges in an activity. Add a new activity.
3#, 4#, 5#, 6# version update.
7# add a use permission.
8# version update.
9# use shorthand in the activity class name. remove launch mode from main activity. Merge two activities.
10# version update.

11# remove configChanges from application tag and include in the main activity. Remove label from an activity. add screenLayout in configChanges of an activity.
 12# version update.
 13# set no task affinity for the activity.
 14#, 15#, 16#, 17# version update.
 18# add xml encoding tag. Use shorthand in app name. add two android:uses-permission inside manifest. Add a new activity.
 19# remove one android:uses-permission from 18# and change one android:uses-permission to use permission.
 20# version update.
 21# remove a use permission.
 22#, 23#, 24#, 25#, 26#, 27#, 28#, 29# version update.
 30# add a filter category in the main activity. Add uses-library and meta-data.
 31# version update.
 32# add a use permission.
 33# version update.
 34# remove a use permission. Add a use permission.
 35#, 36#, 37#, 38#, 39#, 40#, 41# version update.
 42# add many duplicate alias.
 43# version update.
 44# add an intent filter in an activity.
 45#, 46# version update
 47# remove many duplicate activity alias. Change name of twenty seven activity alias and name of host elements in an intent filter of the alias.
 48#, 49#, 50#, 51# version update.

13. <https://github.com/bailuk/AAT>

Project created date: 2015-11-29

Download in play store:

Commit period: Sep 13, 2016 to Jul 16, 2017 – 10 months

Commit number: 21

No. of developers involved: 1

App components: activity – 20 service – 1 receiver – provider – 1

Exclusive version and uses-sdk related commit: 3

1# formatting change.

2# comment out uses-sdk.

3# fix screen orientation to portrait in two activities.

4# version update.

5# remove a comment.

6# remove label and screen orientation from an activity. Remove an activity.

7# remove an activity.

8# version update.

9# replace package name with a placeholder in an android:authorities value of a provider.

10# remove version code and name. add a filter. Change values in data elements.

- 11# add app name.
- 12# change in comment.
- 13# formatting change.
- 14# remove screen orientation from all the activities.
- 15# change activities names. Add a new activity.
- 16# add android:windowSoftInputMode in two activities.
- 17# remove android:fullBackupContent
- 18# change an activity name.
- 19# add a use permission. Merge two filters.
- 20# remove a use permission.
- 21# add mimeType in a data selement.

14. <https://github.com/greenaddress/abcore>

Project created date: 2016-01-06

Download in play store: 100 - 500

Commit period: Jan 15, 2016 to Aug 8, 2017 – 1 yr. 6 months

Commit number: 10

No. of developers involved: 1

App components: activity – 10 service – 3 receiver – 1 provider –

- 1# replace shorthand with fully qualified name in some activities.
- 2# add tools:replace in application tag. Replace fully qualified class name with shorthand in some activities. Add a new activity.
- 3# add android:noHistory="true" in an activity.
- 4# formatting change.
- 5# change value of tools:replace.
- 6# remove an activity.
- 7# add a new activity.
- 8# add 2 use permissions. Add a new receiver.
- 9# add a setting activity.
- 10# remove tools:replace and xmlns:tools.

15. <https://github.com/ennswi/AndroidCaldavSyncAdapater>

Project created date: 2015-01-14

Download in play store: 10,000 - 50,000

Commit period: Sep 8, 2014 to Apr 14, 2016 – 1 yr. 7 months

Commit number: 20

No. of developers involved: 4 (11, 4, 6, 1)

App components: activity – 1 service – 2 receiver – provider –

Exclusive version and uses-sdk related commit: 13

- 1# version update.
- 2# add a use permission.
- 3# version update.
- 4# change app icon.
- 5# version update.

6# add a use permission.
7# formatting change.
8#, 9# version update.
10# change package name.
11#, 12# version update.
13# syntax change.
14#, 15#, 16#, 17#, 18# version update.
19# version update. Add a use permission.
20# version update. Upgrade target sdk from 20 to 22.

16. <https://github.com/DanielBarnett714/Acastus>

Project created date: 2016-07-26
Download in play store: 50 - 100
Commit period: Aug 29, 2016 to Mar 26, 2017 – 7 months
Commit number: 3
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –

1# remove data elements from a filter.
2# add a new activity.
3# Remove an activity. add an activity.

17. <https://github.com/billthefarmer/accordion>

Project created date: 2013-05-04
Download in play store:
Commit period: Jan 23, 2017 to Jun 14, 2017 – 4 months
Commit number: 3
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# add xmlns:tools and tools:ignore in the manifest tag. Upgrade target sdk from 17 to 25. Change app theme. Replace fully qualified class name with shorthand.
2# version update.
3# add tools:ignore in uses-sdk.

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

Project created date: 2014-07-13
Download in play store:
Commit period: Feb 18, 2016 to Sep 5, 2017 – 1 yr. 6 months
Commit number: 4
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –
Exclusive version and uses-sdk related commit: 3

1# version update.
2# add intent filter in an activity.

3#, 4# version update.

19. <https://github.com/butzist/ActivityLauncher>

Project created date: 2014-02-17

Download in play store: 500,000 - 1,000,000

Commit period: May 13, 2017 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# version update.

20. <https://github.com/abertschi/ad-free>

Project created date: 2017-04-15

Download in play store:

Commit period: Apr 16, 2017 to Sep 11, 2017 – 5 months

Commit number: 18

No. of developers involved: 1

App components: activity – 1 service – 2 receiver – provider –

1# remove an activity. add an activity.

2# remove a service. Add a service.

3# add a new service. Change label of a service.

4# add use permissions.

5#, 6#, 7# change name of an activity.

8# declare a service name as inner class with \$.

9# add screen orientation as portrait in application and an activity.

10# change name of a service.

11# change package structure of a service name.

12# change package name.

13# add app name.

14#, 15# add a receiver and a service.

16# change label of a service.

17# change name of a service.

18# remove two receivers and two services components.

21. <https://github.com/AdAway/AdAway>

Project created date: 2012-07-15

Download in play store:

Commit period: Jun 3, 2013 to Nov 19, 2016 – 3 yrs. 5 months

Commit number: 26

No. of developers involved: 5 (13, 1, 11, 1, 1)

App components: activity – 8 service – 4 receiver – 3 provider – 1

Exclusive version and uses-sdk related commit: 19

1# remove android:hardwareAccelerated="false".

2# formatting change.
3#, 4#, 5#, 6#, 7# version update.
8# upgrade target sdk from 17 to 19.
9# version update.
10# remove uses-sdk.
11#, 12#, 13#, 14# version update.
15# remove a use permission.
16# version update.
17# change app icon.
18#, 19#, 20#, 21# version update.
22# add an intent filter in an activity.
23# version update.
24# add meta-data in an activity.
25# version update.
26# add android:roundIcon in application tag.

22. <https://github.com/ilijamt/android-adbm>

Project created date: 2013-07-30
Download in play store: 10,000 - 50,000
Commit period: Mar 7, 2015 to Mar 9, 2015 – 2 days
Commit number: 2
No. of developers involved: 1
App components: activity – 5 service – 1 receiver – 4 provider –
Exclusive version and uses-sdk related commit: 2

1# remove uses-sdk.
2# remove version name and code.

23. <https://github.com/danielegobbetti/ICSImport>

Project created date: 2013-11-03
Download in play store:
Commit period: Jan 15, 2014 to Jun 22, 2016 – 2 yrs. 5 months
Commit number: 4
No. of developers involved: 2 (3, 1)
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 2

1# version update.
2# version update. Add a use permission.
3# add mime type in the data element.
4# version update.

24. <https://github.com/DanielBarnett714/AddressToGPS>

Project created date: 2015-10-24
Download in play store:
Commit period: Oct 25, 2015 to Mar 31, 2016 – 5 months

Commit number: 11

No. of developers involved: 3 (8, 2, 1)

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 6

1#, 2# change application label.

3# add version name. change application label. Change label of an activity. Set configChanges in an activity.

4#, 5#, 6#, 7#, 8# version update.

9# remove version name and code.

10# remove theme from an activity. Add a filter.

11# add a filter.

25. https://github.com/AnderWeb/android_packages_apps_Launcher

Project created date: 2010-03-16

Download in play store:

Commit period: Dec 18, 2008 to Nov 28, 2010 – 1 yr. 11 months

Commit number: 28

No. of developers involved: 8 (12, 9, 2, 3, 1, 1, 1, 1)

App components: activity – 6 service – receiver – 1 provider – 1

Exclusive version and uses-sdk related commit: 5

1# add permissions and use permissions. Add app name. Remove configChanges from an activity. Add a provider.

2# add android:sharedUserLabel in the manifest.

3# add android:windowSoftInputMode in an activity.

4# remove android:windowSoftInputMode from the activity.

5# remove all.

6# revert 5#

7# add screen orientation in an activity

8# add a use permission.

9# add a new activity.

10# change value of android:sharedUserLabel.

11# add theme to an activity.

12# remove an activity.

13# change theme of an activity. Change icon of an activity and add android:finishOnCloseSystemDialogs="true".

14# add setting activity.

15# add a use permission.

16# change label of an activity.

17#, 18# add a use permission.

19# add two new activities.

20# remove a receiver. Add an activity.

21# change package name of an activity.

22# add version name and code.

23# change an activity icon.

24# change theme of an activity.
25#, 26#, 27#, 28# version update.

26. <https://github.com/phora/AeonDroid>

Project created date: 2015-09-14
Download in play store: XXXXXXX
Commit period: Sep 14, 2015 to Oct 2, 2015 – 18 days
Commit number: 12
No. of developers involved: 1
App components: activity – 5 service – 1 receiver – provider –

- 1# add a service.
- 2# add theme to an activity.
- 3# change package structure of 2 activities.
- 4# add configChanges in an activity.
- 5# add singleTop launch mode in the main activity.
- 6# change labels in two activities and app.
- 7# add app name. add theme in the main activity.
- 8# remove them from application and main activity.
- 9# change package name of a service.
- 10#, 11#, 12# add a new activity.

27. https://github.com/daktak/afh_downloader

Project created date: 2016-07-04
Download in play store:
Commit period:
Commit number: 0

28. <https://github.com/ukanth/afwall>

Project created date: 2012-10-27
Download in play store: 500,000 - 1,000,000
Commit period: Jan 25, 2015 to Sep 25, 2017 – 2 yrs. 8 months
Commit number: 52
No. of developers involved: 2 (51, 1)
App components: activity – 15 service – 3 receiver – 7 provider – 1
Exclusive version and uses-sdk related commit: 6

- 1# remove use permissions and an activity.
- 2# use shorthand in activities and app names.
- 3# version update. Remove singleInstance launch mode from an activity. Add a new activity.
- 4# change app theme. Add themes in 2 activities.
- 5# add themes in 4 activities. Replace shorthand with fully qualified names in two activities.
- 6# change themes of activities.
- 7# version update.
- 8# add singleInstance launch mode in an activity. Remove screenSize from configChanges in an activity.

9# use shorthand and change directory in an activity, four receivers, and two services.
10# version update.
11# remove singleInstance launch mode from an activity.
12# add priority and a category in a filter. Remove an activity.
13# version update.
14# add singleInstance launch mode in application tag. Add a new activity. Change theme of an activity.
15# syntax change.
16#, 17# version update.
18# remove version name and code.
19# remove uses-sdk. Add a use permission.
20# remove icon from a receiver.
21# change launch mode to singleTask in application tag. Add supportsRtl="true". Remove themes from 8 activities. Remove orientation and configChanges from an activity.
22# enable large heap.
23# replace shorthand with fully qualified class names in app and components.
24# change icon of a receiver. Add icon in a receiver. Add icon in a meta-data of a receiver.
25# formatting change.
26# remove android:excludeFromRecents="true" from an activity.
27# add a comment.
28# change a comment.
29# add meta-data in application. Add a provider.
30# remove a service.
31# change theme of an activity.
32# change launch mode from singleTask to singleTop in application.
33# replace package name with a placeholder in an authorities of a provider.
34#, 35# add an activity.
36# remove a comment.
37# enable android:resizeableActivity in application.
38# enable hardware accelerated.
39# change app theme. Remove theme from an activity.
40# add a service component.
41# change a service name.
42# use shorthand in app and components name. add a new activity.
43# add a meta-data in an activity.
44# add android:roundIcon and tools:ignore in application.
45# remove an activity.
46# add configChanges in activities.
47# add a use permission.
48# change name of a service.
49# change package name of a service.
50# remove a receiver.
51# remove comments.
52# add android:exported="false" in a service.

29. <https://github.com/achromaticmetaphor/agram>

Project created date: 2014-09-15

Download in play store: 100 - 500

Commit period: May 30, 2017 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# upgrade target sdk from 24 to 25.

30. <https://github.com/benjaminaigner/aiproute>

Project created date: 2015-08-28

Download in play store:

Commit period: Oct 6, 2015 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 3 service – 1 receiver – 1 provider –

1# add use permissions and a use feature. Add a receiver and a service.

31. <https://github.com/pinetum/AirUnlock-for-Android>

Project created date: 2016-07-11

Download in play store: 5 - 10

Commit period: Jul 11, 2016 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – 1 provider –

1# change package name.

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

Project created date: 2015-11-01

Download in play store: 500,000 - 1,000,000

Commit period: Mar 5, 2010 to Jan 15, 2017 – 6 yrs. 10 months

Commit number: 55

No. of developers involved: 2 (39, 16)

App components: activity – 2 service – 1 receiver – 2 provider – 1

Exclusive version and uses-sdk related commit: 23

1# add main activity and a service.

2# add a new activity.

3# add use permissions.

4# add a receiver.

5# add a new activity.

6# change name of the setting activity.

7# set orientation of an activity portrait.

8# add a use permission.
9# add singleInstance launch mode to an activity.
10# add android:debuggable="true" in application.
11# add an activity.
12# upgrade min sdk from 4 to 5.
13# add a receiver.
14# add a receiver and a use permission.
15# add a use permission.
16# change name of the components.
17# add android:noHistory="true" android:launchMode="singleTask in an activity. Add android:noHistory="true" android:clearTaskOnLaunch="true" in an activity.
18# revert 17#. Add android:clearTaskOnLaunch="true" android:launchMode="singleTask in an activity.
19# version update. Downgrade min sdk from 5 to 4. Add target sdk 5.
20# add a receiver.
21# add a use permission.
22# add a comment and change a comment.
23# change app icon.
24# comment out android:debuggable="true" and a use permission.
25# version update.
26# rename settings activity.
27# add an activity.
28# version update.
29# add an intent filter in an activity.
30#, 31# version update.
32# add a service.
33# remove android:clearTaskOnLaunch="true" from an activity. Add android:finishOnTaskLaunch="true" in three activities.
34#, 35#, 36# version update.
37# upgrade target sdk from 5 to 9.
38# upgrade target sdk from 9 to 10.
39# version update.
40# remove a use permission.
41# upgrade target sdk from 10 to 19.
42# add a use permission.
43#, 44# version update.
45# upgrade target sdk from 19 to 23.
46# version update.
47# remove the old manifest.
48# introduce new manifest. Change package name. change package name in authorities in a provider.
49# version update.
50# upgrade target sdk from 23 to 24.
51# version update.

52# add theme to app.
53#, 54#, 55# version update.

33. <https://github.com/rosenpin/AlwaysOnDisplayAmoled>

Project created date: 2016-06-10
Download in play store: 5,000,000 - 10,000,000
Commit period:
Commit number: 0

34. <https://github.com/TeamAmaze/AmazeFileManager>

Project created date: 2014-07-14
Download in play store: 500,000 - 1,000,000
Commit period: Jul 28, 2017 to Oct 9, 2017 – 2 months
Commit number: 9
No. of developers involved: 2 (6, 3)
App components: activity – 5 service – 6 receiver – 2 provider – 1
Exclusive version and uses-sdk related commit: 2

1# add an intent filter in an activity.
2# add a provider.
3#, 4# version update.
5# change package in app name.
6# change two activities names.
7# change package name of 6 services and a receiver components. Change a service name.
8# correct typos in 7#.
9# add mime type in an intent filter.

35. <https://github.com/Dejvino/amdroid>

Project created date: 2014-08-31
Download in play store: 10,000 - 50,000
Commit period: Sep 4, 2014 to Nov 2, 2014 – 2 months
Commit number: 2
No. of developers involved: 1
App components: activity – 1 service – 1 receiver – provider –

1# remove seven activities. add an activity. version update. Upgrade min sdk from 1 to 14. Add target sdk
2# add singleInstance launch mode in the main activity.

36. <https://github.com/RomanGolovanov/ametro>

Project created date: 2015-03-16
Download in play store: 100,000 - 500,000
Commit period:
Commit number: 0
No. of developers involved: 0
App components: activity – 6 service – receiver – provider –

37. <https://github.com/rootkiwi/an2linuxclient>

Project created date: 2017-01-02

Download in play store: 1,000 - 5,000

Commit period: Jan 18, 2017 to Apr 1, 2017 – 2 months

Commit number: 2

No. of developers involved: 1

App components: activity – 7 service – 2 receiver – provider –

1# add a service component.

2# add three activities.

38. <https://github.com/xpheres/AndroidAnalyticalTranslator>

Project created date: 2015-04-05

Download in play store:

Commit period: Apr 9, 2015 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# add a use permission.

39. <https://github.com/mjdenham/and-bible>

Project created date: 2011-09-26

Download in play store: 100,000 - 500,000

Commit period: Mar 18, 2016 to Oct 1, 2017 – 1 yr. 6 months

Commit number: 59

No. of developers involved: 1

App components: activity – 31 service – receiver – provider –

Exclusive version and uses-sdk related commit: 50

1#, 2#, 3#, 4#, 5#, 6#, 7# version update.

8# change app theme.

9# add theme in three activities.

10#, 11# version update.

12# upgrade min sdk from 8 to 9.

13# change theme of three activities.

14#, 15#, 16# version update.

17# add a new activity.

18# add theme in the new activity.

19#, 20# version update.

21# revert 18#

22#, 23#, 24#, 25#, 26#, 27#, 28#, 29# version update.

30# remove an activity.

31# version update.

32# add a new activity.

33#, 34#, 35#, 36#, 37#, 38#, 39#, 40#, 41#, 42#, 43#, 44#, 45#, 46# version update.
47# Support multi-window and larger aspect ratio screens. add android:resizeableActivity="true" in application tag.
48#, 49#, 50#, 51#, 52#, 53#, 54#, 55#, 56#, 57#, 58#, 59# version update.

40. <https://github.com/klassm/andFHEM>

Project created date: 2012-01-05

Download in play store: 10,000 - 50,000

Commit period: Oct 31, 2013 to Dec 18, 2017 – 4 yrs. 1 month

Commit number: 122

No. of developers involved: 2 (120, 2)

App components: activity – 20 service – 14 receiver – 5 provider – 1

Exclusive version and uses-sdk related commit: 77

1# remove a receiver.

2# add keyboardHidden|screenSize in configChange of an activity. add an action in an intent filter of a service.

3# add an activity.

4# change name of a service. Change action name in an intent filter of a service.

5# version update.

6# add a receiver and a service.

7# add a service

8# version update.

9# add a service.

10#, 11#, 12# version update.

13# remove two actions from an intent filter of three receivers. Add two actions in an intent filter of a service.

14#, 15# version update.

16# add an action in an intent filter of a service.

17# version update.

18# remove an action from an intent filter of a service.

19#, 20# version update.

21# add a use permission.

22#, 23#, 24# version update.

25# add a service.

26# change name of an activity and two receivers. Remove an activity. add an activity.

27# change package structure of two activities names and a receiver name. change name of a receiver. add an activity.

28#, 29#, 30#, 31#, 32#, 33# version update.

34# Use fully qualified name in app and components.

35# add an activity.

36# version update.

37# add a use permission.

38# version update.

39# remove a permission and use permissions.

40#, 41#, 42#, 43#, 44# version update.
45# formatting change.
46#, 47# version update.
48# remove a receiver. add a receiver. add a service.
49# version update.
50# remove a service.
51# add an action in an intent filter of a service.
52#, 53#, 54# version update.
55# remove a service and a receiver.
56# add an activity and make it main activity. remove label from an activity.
57#, 58#, 59#, 60#, 61#, 62# version update.
63# upgrade min sdk from 7 to 9. Add a meta-data in app. Change package name of an activity.
64# version update.
65# add exported="true" in three receivers. Add an action in an intent filter of a receiver.
66#, 67#, 68# version update.
69# change action name in an intent filter of a service.
70#, 71#, 72#, 73#, 74#, 75# version update.
76# add a use permission.
77#, 78#, 79# version update.
80# remove uses sdk. Add allowBackup="true".
81# add xmlns:tools. Protect two services with permission. add tools:ignore="ExportedReceiver" in two receivers.
82#, 83#, 84# version update.
85# define two permissions.
86#, 87#, 88#, 89#, 90# version update.
91# change theme of an activity.
92# version update
93# remove an action from two services.
94#, 95# version update.
96# add an action in an intent filter of a service. Add a service.
97# add alwaysRetainTaskState="true" in an activity.
98# add a service.
99#, 100#, 101#, 102#, 103# version update.
104# add an action in an intent filter of two services.
105#, 106#, 107# version update.
108# change name of a service and remove action elements from an intent filter of the service. Add a service.
109# add a service.
110# version update.
111# add an activity and two services.
112# add an action in an intent filter of a service.
113#, 114# version update.
115# add a service.
116#, 117# version update.

118# add an activity.
119# enable hardware acceleration.
120#, 121# version update.
122# remove an action from an intent filter of a service. Add a service.

41. <https://github.com/yvesf/andiodine>

Project created date: 2014-01-11
Download in play store:
Commit period: Mar 8, 2015 to Nov 29, 2016 – 1 yr. 8 months
Commit number: 2
No. of developers involved: 3 (1, 1, 1)
App components: activity – 2 service – 1 receiver – provider –

1# remove android:debuggable="true" from application.
2# add a use permission.

42. <https://github.com/Zukero/andors-trail>

Project created date: 2013-09-19
Download in play store: 500,000 - 1,000,000
Commit period: Nov 15, 2010 to Jul 19, 2016 – 5 yrs. 8 months
Commit number: 64
No. of developers involved: 2 (61, 3)
App components: activity – 17 service – receiver – provider –
Exclusive version and uses-sdk related commit: 51

1# version update.
2# version update. Add an activity.
3# version update.
4# version update. Add an activity.
5# version update. Upgrade target sdk from 8 to 9. Add supports-screens. Add two activities.
6#, 7#, 8# version update.
9# upgrade target sdk from 9 to 10.
10#, 11#, 12#, 13#, 14#, 15#, 16# version update.
17#, 18#, 19# add a new activity.
20# change name of an activity. Add three activities.
21# formatting change.
22#, 23#, 24# version update.
25# add android:description in application.
26#, 27#, 28#, 29#, 30#, 31# version update.
32# add android:clearTaskOnLaunch="true" in the main activity.
33#, 34#, 35#, 36#, 37#, 38#, 39# version update.
40# add a new activity.
41#, 42#, 43#, 44#, 45#, 46# version update.
47# upgrade target sdk from 10 to 17. Add android:allowBackup="true".
48#, 49#, 50# version update.
51# remove four activities.

52#, 53#, 54#, 55#, 56#, 57# version update.

58# upgrade target sdk from 17 to 19.

59#, 60#, 61# version update.

62# upgrade target sdk from 17 to 21.

63#, 64# version update.

43. <https://github.com/flocke/andOTP>

Project created date: 2017-07-05

Download in play store: 100 - 500

Commit period: Nov 24, 2015 to Aug 23, 2017 – 1 yr. 9 months

Commit number: 13

No. of developers involved: 3 (10, 2, 1)

App components: activity – 7 service – receiver – provider –

1# change value of android:allowBackup from true to false.

2# add app name.

3# change package name.

4# add use permissions.

5# remove an activity. add an activity.

6# add a setting activity.

7# add a new activity.

8# add about activity.

9# change label of an activity.

10# change package name of four activities.

11#, 12# add a new activity.

13# revert 2#.

44. <https://github.com/fr3ts0n/AndrOBD>

Project created date: 2015-05-23

Download in play store:

Commit period: May 30, 2015 to Nov 8, 2017 – 2 yrs. 5 months

Commit number: 48

No. of developers involved: 1

App components: activity – 6 service – receiver – provider –

Exclusive version and uses-sdk related commit: 34

1# version update. Upgrade target sdk from 17 to 22. Change labels of two activities. Add setting activity.

2# remove an intent filter from the main activity.

3#, 4# version update.

5# formatting change.

6#, 7#, 8#, 9#, 10#, 11# version update.

12# add theme to app and activities. Remove theme from an activity.

13#, 14# version update.

15# upgrade min sdk from 11 to 12. Change an activity name and label. Add a new activity.

16# version update. Add configChanges in an activity.

17# formatting changes.
18# syntax change.
19# version update.
20# change app theme. Remove android:textColor from activities.
21# change activities themes. Add theme in an activity.
22# version update.
23# version update. Downgrade min sdk from 12 to 11.
24#, 25#, 26#, 27#, 28#, 29#, 30#, 31#, 32# version update.
33# version update. Add use permissions.
34# version update.
35# add android:description in application.
36#, 37# version update.
38# upgrade target sdk from 22 to 24. Add a use permission.
39# version update. Upgrade target sdk from 24 to 25. Remove shorthand from name of activities.
40#, 41#, 42#, 43#, 44#, 45#, 46# version update.
47# version update. Upgrade min sdk from 11 to 14 and target sdk from 25 to 26.
48# version update.

45. <https://github.com/BenoitDuffez/AndroidCupsPrint>

Project created date: 2015-06-05

Download in play store: 50,000 - 100,000

Commit period: Jun 6, 2015 to Mar 18, 2017 – 1 yr. 9 months

Commit number: 15

No. of developers involved: 1

App components: activity – 5 service – 1 receiver – provider –

1# remove uses-sdk. Add a service component.
2# change package name. remove version name and code. Change package name in app and 10 activities.
3# change directory of a service component.
4# change app icon.
5# remove theme and allowBackup from application. Remove all the activities.
6# add an activity.
7# add label to the activity.
8# add meta-data to app.
9#, 10#, 11# add a new activity.
12# change package name in 4 activities.
13# add android:allowBackup="true" in application.
14# formatting change.
15# add a new activity.

46. <https://github.com/iamtrk/Device-Explorer>

Project created date: 2016-09-19

Download in play store: 5,000 - 10,000

Commit period:

Commit number: 0

47. <https://github.com/markmcavoy/androidtoken>

Project created date: 2015-03-13

Download in play store:

Commit period:

Commit number: 0

48. <https://github.com/daktak/androidpn-client>

Project created date: 2016-02-18

Download in play store:

Commit period: Feb 19, 2016 to Mar 8, 2016 – 1 month

Commit number: 14

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 2

1# add a preference activity.

2# change package name. remove version name and code. Add theme, supportsRtl, and allowBackup in application. Remove uses-sdk. Remove three activities. Add an activity. Add theme and supportsRtl to an activity.

3# add a receiver and a use permission.

4# change package name. add version name and code. Use fully qualified name in components.

5# use shorthand in component names.

6# version update.

7# version update. Change app and an activity icons.

8# change app theme and 2 activities themes. Remove supportsRtl and icon from an activity.

9# remove themes from two activities.

10# change app theme.

11# remove version name and code.

12# change app theme.

13# set android:exported="false" in a service. Add android:fullBackupContent="true" in application.

14# formatting change.

49. <https://github.com/antlersoft/android-vnc-viewer>

Project created date: 2015-07-16

Download in play store: 1,000,000 - 5,000,000

Commit period: Nov 24, 2008 to Mar 15, 2017 – 8yrs. 3 months

Commit number: 30

No. of developers involved: 3 (26, 3, 1)

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 12

1# add a use permission.

2# remove label from application. Remove shorthand (dot) from activities names.

3# change label of an activity.

4# add landscape orientation in 2 activities. Change an activity name. add an intent filter in the activity. Add configChanges in the activity.
5# add version code and version name in the application tag.
6# remove 5# and add in the manifest tag.
7# version update. Add uses-sdk.
8# add empty supports-screens tag.
9# add an attribute in 8#.
10#, 11#, 12#, 13# version update.
14# add an intent filter in an activity.
15# add a new activity.
16# version update.
17# add android:debuggable="true" in application.
18# add android:installLocation="preferExternal" in the manifest tag.
19# version update. Remove 17#.
20# upgrade min sdk from 1 to 3.
21# version update.
22# version update. Add android:debuggable="false".
23#, 24# version update.
25# change install location to auto.
26# add a use permission.
27# version update.
28# change app icon.
29# version update. Remove android:debuggable="false". Add a use permission.
30# version update.

50. <https://github.com/phora/AndroPTPB>

Project created date: 2015-09-14

Download in play store:

Commit period: Sep 15, 2015 to Jan 7, 2016 – 3 months

Commit number: 5

No. of developers involved: 1

App components: activity – 6 service – receiver – provider –

1# remove an activity.

2# use shorthand in component names. Add a new activity.

3# change label in app and three activities. Add a default category in the main activity.

4# add parent activity meta-data in two activities.

5# add two new activities.

51. <https://github.com/tstein/AndroSS>

Project created date: 2010-12-17

Download in play store: 100,000 - 500,000

Commit period: Dec 20, 2010 to Jun 27, 2013 – 2 yrs. 6 months

Commit number: 28

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 16

1# change an activity name. add a receiver component.

2# formatting change.

3# version update. Increase value of priority in an intent filter.

4# downgrade min sdk from 8 to 7.

5#, 6#, 7# version update.

8# add a use permission inside application tag.

9# version update.

10# formatting change.

11# move a use permission outside application tag.

12# version update.

13# add two new activities.

14#, 15#, 16#, 17#, 18# version update.

19# change android:debuggable to false.

20# version update.

21# add a new activity.

22# add themes to two activities.

23# add a default category in an intent filter.

24#, 25# version update.

26# version update. Add max sdk version.

27# version update.

28# add target sdk. Remove android:debuggable="false". Add android:allowBackup="true" in application.

52. <https://github.com/andstatus/andstatus>

Project created date: 2011-12-23

Download in play store: 5,000 - 10,000

Commit period: Jun 27, 2015 to Dec 16, 2017 – 2 yrs. 5 months

Commit number: 25

No. of developers involved: 1

App components: activity – 18 service – 4 receiver – 2 provider – 2

Exclusive version and uses-sdk related commit: 1

1# change encoding value from caps to small letter.

2# change value of alwaysRetainTaskState from True to true. Change a parent activity name in an activity.

3# remove themes from three activities and add a theme in application. Change theme of an activity.

4# change theme of app.

5# version update.

6# remove version name and code. Remove uses-sdk. change android:allowBackup to false.

7# change launch mode of an activity from singleTask to standard.

8# add a new activity.

9# add a service component.

10# remove an activity. Add a new activity.

11# change theme of app.
12#, 13# add a new activity.
14# change label of an activity.
15# remove launch mode from an activity.
16# remove parent activity name from an activity.
17# remove android:noHistory="true" from an activity.
18# change theme of app.
19# move an intent filter. Add a new activity. Remove an activity.
20# change value of a meta-data. Add an intent filter and meta-data in an activity.
21# remove meta-data from app and activities. Remove a provider.
22# change package structure of two activities.
23# change an activity name.
24# change label of an activity.
25# add an action in an intent filter of a receiver.

53. <https://github.com/HugoGresse/Anecdote>

Project created date: 2016-02-13
Download in play store: 5,000 - 10,000
Commit period: Feb 14, 2016 to Jun 25, 2017 – 1 yr. 4 months
Commit number: 6
No. of developers involved: 1
App components: activity – 3 service – receiver – provider – 1

1# add configChanges in an activity.
2# add meta-data to app.
3# add an action in an intent filter.
4# add a use permission.
5# add name of app. Add a new activity.
6# change name of an activity. Add a new activity and a provider.

54. <https://github.com/null-dev/animeopenings-android>

Project created date: 2015-11-18
Download in play store:
Commit period: Nov 20, 2015 to Mar 8, 2016 – 3 months
Commit number: 6
No. of developers involved: 1
App components: activity – 4 service – 1 receiver – provider –

1# add a new activity.
2# add a use permission. Add a service component.
3# revert 1#. Add singleTask launch mode in an activity.
4# add an action in an intent filter.
5# remove comments and a meta-data from app.
6# change an activity name.

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

Project created date: 2013-01-20

Download in play store: 1,000,000 - 5,000,000

Commit period: Nov 10, 2014 to Nov 12, 2017 – 3 yrs. 0 months

Commit number: 285

No. of developers involved: 10 (271, 6, 3, 1, 1, 1, 1, 1, 1, 1)

App components: activity – 21 service – 4 receiver – 6 provider – 2

Exclusive version and uses-sdk related commit: 242

1#, 2# version update.

3# remove instrumentation tag.

4# version update.

5# add a new activity.

6# - 38# version update.

39# add a new activity.

40# - 47# version update.

48# enable large heap.

49#, 50#, 51#, 52# version update.

53# remove two activities. Add an activity.

54#, 55#, 56#, 57#, 58#, 59#, 60#, 61# version update.

62# add an intent filter in an activity.

63# - 73# version update.

74# add a provider component.

75# version update.

76# change an activity name.

77#, 78# version update.

79# add uses-sdk.

80# version update.

81# revert 79#.

82# - 97# version update.

98# remove theme from an activity.

99# - 104# version update.

105# add theme in an activity.

106# version update.

107# remove theme from an activity.

108#, 109# version update.

110# change app theme. Add themes in 2 activities.

111# version update.

112# change an activity name. use shorthand.

113#, 114#, 115# version update.

116# change app and 3 activities themes.

117#, 118# version update.

119# add parent activity and its meta-data in 4 activities. Remove parent activity from an activity.

120# - 127# version update.

128# add a use permission.

129# - 132# version update.

133# define a new permission.
134# - 137# version update.
138# add two new activities.
139# - 148# version update.
149# change parent activity name in an activity.
150# change value of a meta-data of a parent activity name.
151# version update.
152# add uses-sdk.
153#, 154# version update.
155# add an intent filter in an activity.
156# -162# version update.
163# remove comments.
164# - 193# version update.
194# change app theme.
195# version update.
196# remove an activity.
197#, 198# version update.
199# remove app theme. Add theme in an activity.
200# - 205# version update.
206# change value of tools:overrideLibrary in uses-sdk.
207#, 208# version update.
209# add theme in an activity.
210# version update.
211# add an intent filter in an activity.
212# change value of android:windowSoftInputMode to adjustResize.
213# - 218# version update.
219# remove intent filters. Modify intent filters.
220# version update.
221# change themes in 5 activities.
222# - 227# version update.
228# remove theme from an activity.
229#, 230#, 231# version update.
232# add a meta-data in a provider.
233#, 234# version update.
235# add exported values explicitly in all the 18 activities.
236# - 243# version update.
244# add adjustPan in android:windowSoftInputMode in an activity.
245# - 257# version update.
258# add a receiver component.
259# version update.
260# add a use permission. Add two receivers and two services components.
261# - 265# version update.
266# add a provider component.
267#, 268# version update.

269# add intent filter in an activity and make the activity exported explicitly.
270#, 271# version update.
272# change app icon. Add round icon.
273#, 274# version update.
275# add data in an intent filter.
276#, 277# version update.
278# add a receiver component.
279#, 280# version update.
281# add intent filter in an activity and make the activity exported explicitly.
282# - 285# version update.

56. <https://github.com/tran-khoa/ANNO1404-Warenrechner-App>

Project created date: 2017-04-10

Download in play store:

Commit period:

Commit number: 0

57. <https://github.com/no-go/AnotherRSS>

Project created date: 2017-07-21

Download in play store: 100 - 500

Commit period: Jul 24, 2017 to Aug 10, 2017 – 17 days

Commit number: 4

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – 3 provider – 1

Exclusive version and uses-sdk related commit: 1

1# add a new activity.

2# add target sdk.

3# add a receiver and a service component.

4# remove uses-sdk and add a new activity component.

58. <https://github.com/AntonioRedondo/AnotherMonitor>

Project created date: 2015-03-26

Download in play store: 1,000 - 5,000

Commit period: Mar 29, 2015 to Aug 14, 2017 – 2 yrs. 2 months

Commit number: 7

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 7

1#, 2#, 3# version update.

4# upgrade target sdk from 21 to 23.

5# upgrade min sdk from 14 to 16.

6# version update.

7# version update. Upgrade target sdk from 23 to 25.

59. <https://github.com/jdmonin/anstop>

Project created date: 2015-08-01

Download in play store:

Commit period: Oct 26, 2009 to Nov 1, 2015 – 6 yrs. 0 months

Commit number: 19

No. of developers involved: 2 (13, 6)

App components: activity – 4 service – receiver – provider –

Exclusive version and uses-sdk related commit: 7

1# version update.

2# change android:debuggable to false.

3# revert 2#.

4# version update. change android:debuggable to false.

5# version update.

6# change android:debuggable to true. Add a service component.

7# remove screen orientation from an activity.

8# remove a service component.

9# version update.

10# remove android:debuggable="true". Upgrade min sdk from 3 to 4.

11# formatting change.

12# version update.

13# add a use permission.

14#, 15# version update.

16# upgrade min sdk from 4 to 8. Add target sdk. Add android:allowBackup="true" in application.

17# upgrade target sdk from 8 to 11.

18# upgrade target sdk from 11 to 14. Add app theme.

19# add copyright.

60. <https://github.com/antennapod/AntennaPod>

Project created date: 2012-07-31

Download in play store: 100,000 - 500,000

Commit period: Sep 20, 2014 to Oct 22, 2017 – 3 yrs. 1 month

Commit number: 122

No. of developers involved: 12 (74, 24, 7, 6, 2, 2, 1, 1, 1, 1, 1, 1)

App components: activity – 19 service – 1 receiver – 5 provider – 1

Exclusive version and uses-sdk related commit: 91

1# change package name of four services and five receivers.

2# change package structure of a service and a receiver.

3# remove uses-sdk. Remove 3 services and 3 receivers components. Change package structure of a receiver.

4# add a receiver component.

5# add a new activity component.

6#, 7# version update.

8# add a receiver component.

9#, 10#, 11#, 12#, 13#, 14#, 15#, 16#, 17#, 18#, 19# version update.

20# change mimetype in a data tag in an intent filter.
21# add label to an activity.
22# merge two intent filters. Change scheme and mime type.
23#, 24#, 25#, 26#, 27#, 28#, 29#, 30#, 31#, 32# version update.
33# add meta-data in application.
34#, 35#, 36# version update.
37# remove theme from app.
38#, 39#, 40#, 41#, 42#, 43#, 44#, 45# version update.
46# remove an activity.
47# version update.
48# add a receiver component.
49#, 50#, 51#, 52#, 53#, 54#, 55# version update.
56# add parent activity in meta-data of an activity.
57# - 77# version update.
78# remove a meta-data.
79#, 80#, 81#, 82#, 83#, 84#, 85# version update.
86# change value of screen orientation of an activity.
87# add a new activity.
88# version update.
89# remove a receiver component.
90# version update.
91# add meta-data to app.
92# add a new activity.
93#, 94#, 95#, 96#, 97#, 98#, 99# version update.
100# revert 91#.
101# version update.
102# add screenSize in configChanges in all the activities.
103# version update.
104# add two meta-data tags in app.
105# change data tag format.
106# version update.
107# revert 104#.
108#, 109# version update.
110# add a new activity and make it main activity.
111# version update.
112# repeat 104#. Add an intent filter in an activity.
113# add an intent filter in an activity.
114#, 115#, 116#, 117# version update.
118# add install location auto.
119# version update.
120# add a provider component.
121# version update.
122# change authorities of a provider.

61. <https://github.com/reloZid/android-anuto>

Project created date: 2015-03-03

Download in play store: 5,000 - 10,000

Commit period: Mar 13, 2015 to Aug 6, 2017 – 2 yrs. 4 months

Commit number: 28

No. of developers involved: 4 (21, 4, 2, 1)

App components: activity – 4 service – receiver – provider –

1# enable hardware acceleration.

2# set portrait screen orientation in an activity.

3# change package name. use fully qualified name in an activity.

4# add two use permissions. Add app name. remove allowBackup from application.

5# comment out use permissions.

6# add supports-screens. Set allowBackup to false.

7#, 8# change app icon.

9# add a new activity and make it main activity.

10# change package structure in an activity name.

11# change app name.

12# change package structure in two activities names.

13# remove an activity. add an activity.

14# use shorthand in app name. remove app theme. Add theme to an activity and add android:keepScreenOn="true". move an intent filter.

15# add screen orientation in application. Remove screen orientation from 2 activities. Add a new activity.

16# remove theme from an activity. Change themes in two activities.

17# add a comment. Add theme to an activity.

18# set portrait orientation in activities.

19# remove orientation and allowBackup from application. Remove keepScreenOn from an activity.

20# remove an activity. add an activity.

21# add setting activity.

22# add label to an activity. Change theme of the activity.

23# add label and icon in setting activity. Change theme of the setting activity.

24# add icon in an activity.

25# change package structure of three activities.

26# change name of an activity.

27# change label of an activity.

28# remove an activity. add an activity. Correct package structure of an activity name.

62. <https://github.com/helloworld1/AnyMemo>

Project created date: 2010-04-19

Download in play store: 100,000 - 500,000

Commit period: Dec 16, 2015 to May 30, 2017 – 1 yr. 5 months

Commit number: 7

No. of developers involved: 1

App components: activity – 28 service – 4 receiver – 3 provider – 2

- 1#, 2# remove an activity. add an activity.
- 3# add a new activity. Change names of two activities. Remove configChanges from an activity.
- 4# add configChanges in an activity.
- 5# change package structure of app name.
- 6# add themes in two activities.
- 7# add a new activity.

63. <https://github.com/AnySoftKeyboard/AnySoftKeyboard>

Project created date: 2012-04-18
Download in play store: 1,000,000 - 5,000,000
Commit period: Nov 15, 2016 to Sep 29, 2017 – 10 months
Commit number: 5
No. of developers involved: 1
App components: activity – 7 service – 1 receiver – provider –

- 1# add android:noHistory="true" in an activity.
- 2# add meta-data in an activity.
- 3# change app and activities icons.
- 4# add roundIcon in app and activities.
- 5# add a new activity.

64. <https://github.com/axxapy/apkExtractor>

Project created date: 2015-03-16
Download in play store: 1,000 - 5,000
Commit period: Mar 16, 2015 to Oct 26, 2017 – 2 yrs. 7 months
Commit number: 10
No. of developers involved: 2 (9, 1)
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 6

- 1# add use permissions.
- 2# add an intent filter and meta-data in an activity.
- 3# add version name and code. Add uses-sdk.
- 4# set singleTask launch mode in an activity.
- 5# upgrade min sdk version from 7 to 8.
- 6# remove uses-sdk.
- 7#, 8# version update.
- 9# use shorthand in the activity name. add theme to the activity.
- 10# version update.

65. <https://github.com/JusticeRage/ApkTrack>

Project created date: 2015-02-15
Download in play store:
Commit period: Jan 2, 2017 to Sep 13, 2017 – 8 months
Commit number: 2
No. of developers involved: 1

App components: activity – 1 service – 2 receiver – 3 provider – 1

1# remove an activity used for ACRA. Add a provider component.

2# add a use permission.

66. <https://github.com/SimpleMobileTools/Simple-App-Launcher>

Project created date: 2016-08-06

Download in play store: 5,000 - 10,000

Commit period: Aug 7, 2016 to Nov 11, 2017 – 1 yr. 3 months

Commit number: 10

No. of developers involved: 1

App components: activity – 6 service – receiver – provider –

1# change package structure of an activity name. add an about activity.

2# change app icon.

3# add android:fullBackupContent="true" in application.

4# add a new activity.

5# add a setting activity.

6# change app label.

7# add use permission.

8# add xmlns:tools in manifest tag.

9# add two new activities. Add theme in an activity. Use fully qualified name in two activities. Move main intent filter.

10# add app name. change app icon. Remove supportsRtl and fullBackupContent from application. Add round icon.

67. <https://github.com/microg/AppleWifiNlpBackend>

Project created date: 2014-03-11

Download in play store:

Commit period: Apr 5, 2015 to Jun 13, 2017 – 2 yrs. 2 months

Commit number: 5

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# version update. Upgrade target sdk from 21 to 22. Remove uses-library.

2# version update. Add a use permission.

3# change copyright.

4# remove version name and code.

5# change copyright.

68. <https://github.com/MajeurAndroid/Android-Applications-Info>

Project created date: 2015-04-03

Download in play store: 1,000 - 5,000

Commit period: Apr 17, 2015 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –
1# formatting change.

69. <https://github.com/mpietrzak/apv>

Project created date: 2015-04-29

Download in play store:

Commit period: Dec 27, 2011 to Oct 10, 2013 – 1 yr. 9 months

Commit number: 23

No. of developers involved: 2 (20, 3)

App components: activity – 4 service – receiver – provider –

Exclusive version and uses-sdk related commit: 15

1#, 2#, 3# version update.

4# version update. Remove resizable from supports-screens.

5# version update. Add target sdk.

6# formatting change.

7# change package name. change app icon.

8# revert 7#.

9# version update.

10# version update. Upgrade min sdk from 3 to 5. Add max sdk.

11# version update. Downgrade min sdk from 5 to 3.

12# version update. Remove android:debuggable="true" from manifest tag. Add android:allowBackup="true" in application.

13# change comment.

14# upgrade target sdk from 10 to 17. Remove max sdk.

15# add app name.

16#, 17#, 18#, 19# version update.

20# upgrade min sdk.

21# syntax change.

22# version update.

23# version update. Upgrade target sdk from 17 to 18.

70. <https://github.com/jtmcn/archwiki-viewer>

Project created date: 2012-09-22

Download in play store: 10,000 - 50,000

Commit period: Apr 6, 2017 to Jun 12, 2017 – 2 months

Commit number: 6

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# remove version name and code. Remove uses-sdk. Change app icon. Enable allowBackup and fullBackupContent in application. Change label of an activity.

2# change app icon.

3# revert 2#.

4# change activities names.

5# remove an activity. add an activity.

6# remove a comment.

71. <https://github.com/jdeslip/arxiv-mobile>

Project created date: 2015-03-23

Download in play store: 50,000 - 100,000

Commit period: Dec 27, 2011 to Sep 7, 2017 – 5 yrs. 8 months

Commit number: 4

No. of developers involved: 2 (3, 1)

App components: activity – 9 service – receiver – 1 provider –

Exclusive version and uses-sdk related commit: 3

1#, 2# version update.

3# add an intent filter in an activity.

4# version update. Upgrade target sdk from 11 to 15.

72. <https://github.com/dozingcat/AsciiCam>

Project created date: 2012-02-12

Download in play store: 100,000 - 500,000

Commit period: Nov 13, 2017 – 1 day

Commit number: 2

No. of developers involved: 2 (1, 1)

App components: activity – 5 service – 1 receiver – 2 provider – 1

1# add a provider component.

2# version update. Remove a provider. Add a provider.

73. <https://github.com/lsubel/amam-cordova>

Project created date: 2016-03-31

Download in play store: 1 - 5

Commit period: Apr 9, 2016 to Jul 5, 2016 – 3 months

Commit number: 9

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 9

1#, 2#, 3#, 4#, 5#, 6#, 7#, 8#, 9# version update.

74. <https://github.com/AsteroidOS/AsteroidOSSync>

Project created date: 2016-06-06

Download in play store:

Commit period: Sep 29, 2016 to Oct 5, 2017 – 1 yr. 0 month

Commit number: 9

No. of developers involved: 2 (8, 1)

App components: activity – 1 service – 2 receiver – provider –

1# add an intent filter in an activity.

2# remove themes from 2 activities. Add icon in an activity.

3# add a service component.

4# change package structure of 2 services names.
5# remove use permissions.
6# remove labels from two activities.
7# remove two activities. Add an activity. Change name of an activity component. Set portrait orientation and singleInstance launch mode in the activity.
8#, 9# add a use permission.

75. <https://github.com/IIIIIT/AtmosphereLogger>

Project created date: 2011-10-15
Download in play store: 10,000 - 50,000
Commit period: Nov 23, 2014 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 1 service – 1 receiver – 1 provider –

1# remove version name and code. Remove uses-sdk. Enable allowBackup in application.

76. <https://github.com/indrora/Atomic>

Project created date: 2014-02-08
Download in play store:
Commit period: Feb 25, 2015 to Nov 1, 2015 – 8 months
Commit number: 8
No. of developers involved: 1
App components: activity – 10 service – 1 receiver – provider –
Exclusive version and uses-sdk related commit: 2

1# formatting change.
2# version update.
3# change app icon. Remove an activity component.
4# add themes in 4 activities. Change theme of an activity. add tools:replace="android:theme" in an activity.
5# remove two activities. Change theme of an activity. Remove parent activity name from the activity.
6# change theme of an activity.
7# use shorthand in app name. change app label. Remove three activities.
8# version update.

77. <https://github.com/nvllsvm/Audinaut>

Project created date: 2016-12-18
Download in play store: 50 - 100
Commit period: Jan 9, 2017 to Aug 14, 2017 – 7 months
Commit number: 5
No. of developers involved: 1
App components: activity – 5 service – 3 receiver – 9 provider – 1

1# change package name. change package name in 5 activities, 2 services, 9 receivers, and a provider.
2# remove a service component.

3# remove a uses-feature. Remove a category from an intent filter.
4# change app theme.
5# remove use permissions.

78. <https://github.com/quaap/AudioMeter>

Project created date: 2016-11-18
Download in play store:
Commit period: Nov 19, 2016 to Nov 28, 2016 – 9 days
Commit number: 8
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –
Exclusive version and uses-sdk related commit: 2

1# set portrait orientation in an activity.
2# change app icon.
3# add version name and code. Add an action in an intent filter.
4# version update.
5# add about activity.
6# syntax change.
7# version update. Add a new activity. Add parent activity name in an activity.
8# version update.

79. https://github.com/ReeceStevens/ut_ewh_audiometer_2014

Project created date: 2014-04-13
Download in play store: 5,000 - 10,000
Commit period: Apr 13, 2014 to Dec 6, 2014 –7 months
Commit number: 13
No. of developers involved: 1
App components: activity – 13 service – receiver – provider –

1# add a use permission. Set portrait orientation in all the 4 activities. Add parent activity meta-data in an activity.
2# add parent activity meta-data in two activities.
3# add a new activity.
4# add use permissions. Add two new activities.
5# add a use permission.
6# add two new activities.
7# set portrait screen orientation and parent activity meta-data in three activities. Change parent activity name in two activities. Set portrait orientation in two activities and remove orientation from an activity.
8# add version name and code. Remove a use permission.
9# add a new activity.
10# add two new activities.
11# remove parent activity meta-data from an activity. Change parent activity names in meta-data of two activities.
12# add android:parentActivityName in all the activities. Change a parent activity meta-data.

13# change parent activity name and its meta-data in an activity.

80. <https://github.com/rascarlo/AURdroid>

Project created date: 2017-05-30

Download in play store: 500 - 1,000

Commit period:

Commit number: 0

81. <https://github.com/tejado/Authorizer>

Project created date: 2016-09-28

Download in play store: 100 - 500

Commit period: Oct 26, 2016 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – 2 provider – 1

1# change package name. change package name in all the places. Change app icon. Change resource in two meta-data of an activity.

82. <https://github.com/MBach/AutoAirplaneMode>

Project created date: 2017-02-21

Download in play store:

Commit period:

Commit number: 0

83. <https://github.com/adolfintel/chromiumUpdater>

Project created date: 2016-10-27

Download in play store: 10,000 - 50,000

Commit period: Dec 2, 2016 to Jun 6, 2017 – 6 months

Commit number: 3

No. of developers involved: 1

App components: activity – 6 service – 1 receiver – 1 provider –

1#, 2# add two new activities.

3# add an action in an intent filter.

84. <https://github.com/DizzyThermal/Auto-Away>

Project created date: 2013-04-01

Download in play store: 1,000 - 5,000

Commit period: Apr 1, 2013 to Jun 8, 2013 – 2 months

Commit number: 8

No. of developers involved: 1

App components: activity – 6 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 6

1#, 2# version update.

3# remove max sdk.

4#, 5#, 6# version update.
7# version update. Add app theme.
8# version update. Change app icon.

85. <https://github.com/vvolas/Awesome-Live-Wallpaper>

Project created date: 2016-03-31
Download in play store:
Commit period: Aug 16, 2016 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 1 service – 1 receiver – provider –

1# add a setting activity. Add android:exported="true" in a service.

86. <https://github.com/brarcher/baby-sleep-sounds>

Project created date: 2016-01-21
Download in play store: 10 - 50
Commit period: Jan 23, 2016 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –

1# add configChanges in an activity.

87. <https://github.com/mdecorde/BABYNAME>

Project created date: 2016-06-05
Download in play store: XXXXXXX
Commit period: Jun 5, 2016 to Jun 22, 2016 – 17 days
Commit number: 5
No. of developers involved: 1
App components: activity – 6 service – receiver – provider –
Exclusive version and uses-sdk related commit: 3

1# add version name and code. Add install location auto.
2# change package name in all the places.
3#, 4#, 5# version update.

88. <https://github.com/SibDev/BadPixels>

Project created date: 2015-05-18
Download in play store: 1,000 - 5,000
Commit period: Oct 8, 2016 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# upgrade min sdk from 4 to 8.

89. <https://github.com/scheich/Balance>

Project created date: 2013-11-25

Download in play store: XXXXXXXX

Commit period: Oct 12, 2012 to Nov 30, 2013 – 1 yr. 1 month

Commit number: 4

No. of developers involved: 2 (3, 1)

App components: activity – 1 service – 1 receiver – 2 provider –

Exclusive version and uses-sdk related commit: 2

1# add a use permission.

2# change package name. version update. Downgrade min sdk from 10 to 8 and upgrade target sdk from 15 to 16. Add max sdk. Add a use permission. Remove app theme. Add allowBackup in application. Remove a service. Add a service. add a new activity. Add two receivers. Remove a receiver.

3#, 4# version update.

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

Project created date: 2010-04-19

Download in play store: 100,000 - 500,000

Commit period: Sep 18, 2014 to Feb 28, 2015 – 5 months

Commit number: 6

No. of developers involved: 2 (4, 2)

App components: activity – 12 service – 3 receiver – 4 provider – 1

Exclusive version and uses-sdk related commit: 2

1# version update.

2# remove version name and code. Remove uses-sdk.

3# change app icon.

4# change theme of an activity.

5# add app name.

6# add screenSize in configChanges of activities.

91. <https://github.com/zxing/zxing>

Project created date: 2011-10-12

Download in play store: 100,000,000 - 500,000,000

Commit period: Feb 15, 2008 to Oct 29, 2017 – 9 yrs. 8 months

Commit number: 152

No. of developers involved: 3 (80, 68, 3)

App components: activity – 9 service – receiver – provider –

Exclusive version and uses-sdk related commit: 96

1# formatting change.

2# correct attribute names in an activity, action, and category.

3# change package structure of an activity name.

4# change copyright.

5# delete manifest.

6# add a new manifest.

7# change package name. add configChanges and an intent filter in an activity. Add an intent filter in an activity. Add a new activity.

8# add version name and code.

9# remove portrait orientation from an activity.

10# change app icon.

11# add a new activity. Add a use permission.

12# remove three activities. Add three activities.

13#, 14# add a new activity.

15#, 16#, 17# version update.

18# remove a use permission. Add a use permission.

19# add a use permission.

20#, 21# version update.

22# version update. Add an intent filter in an activity.

23# version update. Add uses-sdk. Add two intent filters in an activity.

24#, 25# version update.

26# upgrade min sdk from 1 to 3.

27#, 28#, 29#, 30# version update.

31# version update. Add supports-screens.

32# version update.

33# change package structure of 4 activities.

34# version update.

35# version update. Upgrade min sdk from 3 to 4. Remove an intent filter from an activity. Change an action name and add a data element in an intent filter. Remove an intent filter from an activity.

36# version update.

37# version update. Downgrade min sdk from 4 to 3.

38#, 39# version update.

40# add a new activity.

41# version update.

42# version update. Add target sdk.

43# version update.

44# version update. Add a uses-feature.

45#, 46# version update.

47# add a use permission.

48#, 49#, 50# version update.

51# version update. Add a use permission.

52#, 53#, 54#, 55# version update.

56# add a new activity. Add use permissions.

57# version update.

58# comment out an intent filter from an activity.

59# version update. Add install location auto.

60# remove the commented intent filter.

61# version update.

62# add a use permission.

63#, 64#, 65#, 66#, 67# version update.

68# add android:windowSoftInputMode="stateAlwaysHidden" in an activity.
69# version update.
70# add android:configChanges="orientation" in an activity.
71#, 72#, 73#, 74#, 75#, 76# version update.
77# add label and an intent filter in an activity.
78# version update.
79# version update. Add xlargeScreens in supports-screens. Add theme in an activity.
80# version update.
81# add uses features.
82# remove an activity.
83# add a uses-configuration tag. Add permission groups. Add permission groups in uses permissions.
84# enable stateNotNeeded in all activities and clearTaskOnLaunch in an activity.
85# remove two uses permissions.
86#, 87#, 88# version update.
89# version update. Upgrade min sdk from 3 to 7 and target sdk from 4 to 7.
90# version update.
91# remove use permissions.
92# add an intent filter in an activity.
93# formatting change.
94# remove permission groups.
95# add uses features.
96# add a new activity.
97#, 98#, 99#, 100#, 101#, 102# version update.
103# upgrade target sdk from 7 to 10.
104# add uses features and required="false".
105#, 106#, 107#, 108#, 109# version update.
110# remove required="false" from uses-feature.
111# enable hardware acceleration, allowBackup in app. Add logo in app.
112# remove labels from two activities.
113# version update.
114# version update. Upgrade min sdk from 7 to 10 and target sdk from 10 to 17. Change theme in an activity. Remove theme from an activity.
115#, 116#, 117#, 118#, 119# version update.
120# upgrade target sdk from 17 to 18.
121# version update. Upgrade min sdk from 10 to 15.
122# version update.
123# upgrade target sdk from 18 to 19.
124#, 125#, 126# version update.
127# remove intent filters from four activities. Remove configChanges from an activity. Remove label from an activity.
128# add android:stateNotNeeded="true" in an activity.
129#, 130#, 131# version update.
132# change orientation of two activities from landscape to sensorLandscape.
133# version update.

134# add screenSize in configChanges.
135# remove configChanges from two activities.
136#, 137#, 138#, 139# version update.
140# upgrade target sdk from 19 to 21.
141#, 142# version update.
143# version update. Upgrade target sdk from 21 to 22.
144# upgrade target sdk from 22 to 23.
145# revert 144#.
146# version update.
147# add a comment.
148# version update.
149# version update. Upgrade target sdk from 15 to 16.
150# remove three uses features. Add a use feature. Remove supports-screens.
151# upgrade min sdk from 16 to 19.
152# version update.

92. <https://github.com/szym/barnacle>

Project created date: 2010-07-03

Download in play store: 1,000,000 - 5,000,000

Commit period: Jan 3, 2011 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 3 service – 1 receiver – 2 provider –

1# version update. Remove a category from an intent filter of the main activity. Add two receiver components. Define two new permissions. Add two use permissions.

93. <https://github.com/dougkeen/BartRunnerAndroid>

Project created date: 2012-09-26

Download in play store: 100,000 - 500,000

Commit period: Aug 12, 2015 to Oct 19, 2015 – 2 months

Commit number: 3

No. of developers involved: 2 (2, 1)

App components: activity – 3 service – 2 receiver – 1 provider –

1# syntax change.

2# remove version name and code. Remove uses-sdk. Add allowBackup in application.

3# change app icon.

94. https://github.com/daktak/basketbuild_downloader

Project created date: 2016-04-24

Download in play store:

Commit period: Apr 25, 2016 to Jun 17, 2016 – 1 month

Commit number: 6

No. of developers involved: 1

App components: activity – 3 service – 1 receiver – 2 provider –

- 1# add a use permission. Disable allowBackup in application.
- 2# formatting change.
- 3# add a service and a receiver components.
- 4# remove a use permission. Add a use permission. Add a receiver component.
- 5# comment out a use permission. Add a use permission.
- 6# add a new activity component.

95. <https://github.com/kwantam/batsHIIT>

Project created date: 2013-07-27
Download in play store: 500 - 1,000
Commit period:
Commit number: 0

96. <https://github.com/sriharshaarangi/BatteryChargeLimit>

Project created date: 2017-03-18
Download in play store:
Commit period: Mar 27, 2017 to Jul 25, 2017 – 4 months
Commit number: 16
No. of developers involved: 2 (13, 3)
App components: activity – 3 service – 1 receiver – 5 provider –
Exclusive version and uses-sdk related commit: 4

- 1#, 2# version update.
- 3# remove comments.
- 4# syntax change.
- 5# add singleTop launch mode in an activity.
- 6# version update.
- 7# version update. Add an activity and a receiver components.
- 8# add a use permission. Add a receiver component.
- 9# remove version name and code.
- 10# change name of an activity.
- 11# add two receiver components.
- 12# syntax change.
- 13# add about activity.
- 14#, 15# add a use permission.
- 16# disable allowBackup. Change package structure of 2 activities and 3 receivers. Add a label in a receiver.

97. <https://github.com/enricocid/Battery-Live>

Project created date: 2016-11-09
Download in play store: 500 - 1,000
Commit period: Nov 12, 2016 to Jun 11, 2017 – 7 months
Commit number: 8
No. of developers involved: 2 (7, 1)
App components: activity – 2 service – 1 receiver – provider –

- 1# add setting activity.
- 2# change app theme. Add theme in service. Remove an activity. add an activity.
- 3# remove an activity. add an activity and make it main activity. set exported to true in the activity.
- 4# add roundIcon in app.
- 5# add about activity.
- 6# Syntax change.
- 7# remove theme from service.
- 8# set portrait orientation in an activity.

98. <https://github.com/darshan-/Battery-Indicator-Free>

Project created date: 2012-01-15

Download in play store: 5,000,000 - 10,000,000

Commit period: Aug 29, 2010 to Sep 1, 2017 – 7 yrs.

Commit number: 99

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – 2 provider –

Exclusive version and uses-sdk related commit: 88

- 1# change package name.
- 2# remove an activity.
- 3# version update. Change labels of app and three activities.
- 4# version update. Remove use permissions.
- 5#, 6#, 7#, 8#, 9#, 10#, 11# version update.
- 12# add a uses-feature. Add supports-screens.
- 13# version update. Upgrade min sdk from 3 to 4 and target sdk from 4 to 11.
- 14# version update. Enable hardware acceleration. Change themes of two activities.
- 15# version update. Downgrade min sdk from 4 to 3.
- 16#, 17#, 18#, 19#, 20#, 21# version update.
- 22# version update. Upgrade target sdk from 11 to 14. Change label of an activity.
- 23#, 24#, 25#, 26#, 27#, 28#, 29#, 30#, 31#, 32#, 33#, 34#, 35#, 36#, 37# version update.
- 38# version update. Upgrade min sdk from 3 to 7.
- 39#, 40#, 41#, 42# version update.
- 43# version update. Add an intent filter in a receiver.
- 44#, 45#, 46# version update.
- 47# version update. remove an activity. add an activity. Add label in an intent filter and remove a category. Remove labels from three activities. Change name of a service. Add process and icon to the service. Remove label from a receiver and add process. Upgrade target sdk from 14 to 17.
- 48#, 49#, 50#, 51#, 52#, 53#, 54#, 55#, 56#, 57#, 58# version update.
- 59# version update. Set exported of a receiver to true. Add a new receiver.
- 60#, 61#, 62#, 63#, 64#, 65#, 66#, 67#, 68#, 69#, 70#, 71# version update.
- 72# version update. Upgrade target sdk from 17 to 21.
- 73#, 74#, 75#, 76# version update.
- 77# version update. Upgrade target sdk from 21 to 22.
- 78#, 79#, 80#, 81#, 82#, 83#, 84#, 85#, 86#, 87#, 88#, 89#, 90#, 91#, 92#, 93#, 94# version update.

95# add xmlns:tools in the manifest tag. version update. Add process, allowBackup, and resizableActivity in application. Add themes in two activities. Change process of a receiver. Remove uses-sdk.

96#, 97#, 98#, 99# version update.

99. <https://github.com/vitas/beaconloc>

Project created date: 2015-12-18

Download in play store: 5,000 - 10,000

Commit period: Dec 21, 2015 to Jan 7, 2016 – 16 days

Commit number: 13

No. of developers involved: 1

App components: activity – 3 service – receiver – 3 provider –

1# add a use permission and a uses-feature. Add a new activity.

2# remove a use permission.

3# remove android:allowBackup="true" from application.

4# remove theme from an activity.

5# remove launch mode from an activity.

6# change name of an activity.

7# revert 5#.

8# add a receiver component.

9# add an action in an intent filter of a receiver. Add a receiver component.

10# remove a receiver component.

11# add use permissions. Add a receiver component.

12# remove a use permission. Add two use permissions.

13# add a receiver. Use variables in place of package name in action names of an intent filter.

100. <https://github.com/knirrr/BeeCount>

Project created date: 2014-05-05

Download in play store: 10,000 - 50,000

Commit period: May 15, 2014 to Jun 12, 2017 – 3 yrs. 1 month

Commit number: 49

No. of developers involved: 1

App components: activity – 8 service – receiver – provider –

Exclusive version and uses-sdk related commit: 38

1# add use permissions. Add app name.

2# add version name. Enable large heap (incorrectly in manifest tag).

3#, 4#, 5#, 6# version update.

7# change label of an activity. Add themes in three activities.

8#, 9#, 10#, 11#, 12# version update.

13# version update. Add theme in an activity.

14#, 15#, 16#, 17#, 18# version update.

19# add an activity component.

20# version update.

21# version update. Remove parent activity name and its meta-data from an activity.

22# version update. Add configChnages in an activity.
 23#, 24#, 25#, 26#, 27#, 28#, 29#, 30# version update.
 31# version update. Add android:noHistory="true" in an activity.
 32# add a category in an intent filter. Add uses-library and meta-data in app.
 33#, 34#, 35#, 36#, 37#, 38#, 39#, 40#, 41#, 42# version update.
 43# version update. Add theme in an activity.
 44# version update.
 45# add install location auto.
 46#, 47#, 48#, 49# version update.

101. <https://github.com/VladThodo/behe-keyboard>

Project created date: 2017-06-28
 Download in play store: 1,000 - 5,000
 Commit period: Jul 30, 2017 –1 day
 Commit number: 1
 No. of developers involved: 1
 App components: activity – 2 service – 1 receiver – provider –

 1# add a use permission.

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

Project created date: 2016-02-10
 Download in play store: 100 - 500
 Commit period:
 Commit number: 0

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

Project created date: 2015-04-09
 Download in play store: 10,000 - 50,000
 Commit period: Apr 12, 2015 to Apr 13, 2016 – 1 yr.
 Commit number: 21
 No. of developers involved: 5 (12, 3, 3, 2, 1)
 App components: activity – 4 service – receiver – provider –

 1# remove an activity. add an activity.
 2# add about activity.
 3# add a use permission.
 4# add a new activity.
 5# add a use permission.
 6# remove about activity.
 7# add setting activity.
 8# remove label from an activity.
 9# remove an activity. add an activity.
 10# add portrait orientation and configChanges in an activity.
 11# add configChanges and parent activity name in two activities.
 12# formatting change.

- 13# add singleTop launch mode in an activity.
- 14# add app name.
- 15# remove parent activity name from two activities and add meta-data with parent activity name.
- 16# change package structure in 3 activities.
- 17# change activity names. Change parent activities names in meta-data of 2 activities.
- 18# change package structure in value of meta-data.
- 19# add a new activity.
- 20# change package structure in an activity name and meta-data value.
- 21# change an activity name. change parent activities names in 2 activities.

104. <https://github.com/javiersantos/WhatsAppBetaUpdater>

Project created date: 2015-04-04

Download in play store:

Commit period: Jan 25, 2016 to Jan 28, 2016 – 3 days

Commit number: 2

No. of developers involved: 1

App components: activity – 3 service – receiver – 1 provider –

1# change app theme. Remove theme from an activity.

2# add configChanges in an activity.

105. <https://github.com/arnef/bewegungsmelder-android>

Project created date: 2013-10-24

Download in play store: 10,000 - 50,000

Commit period: Nov 1, 2013 to Nov 3, 2017 – 4 yrs.

Commit number: 11

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 6

1#, 2# version update.

3# add configChanges in an activity.

4# change package name. change package name in 3 activities names.

5# version update.

6# version update. Add android:debuggable="false" in application.

7# version update. Upgrade target sdk from 16 to 20. Remove android:debuggable="false".

8# file renamed without change.

9#, 10# version update.

11# remove uses-sdk.

106. <https://github.com/Renard1911/BaiApp>

Project created date: 2016-04-07

Download in play store:

Commit period: Apr 8, 2016 to Apr 27, 2016 – 19 days

Commit number: 2

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

1# add themes in 2 activities. remove an activity. add an activity.

2# change package name. use fully qualified name in components.

107. <https://github.com/BiglySoftware/BiglyBT-Android>

Project created date: 2017-08-15

Download in play store: 1,000 - 5,000

Commit period: Aug 17, 2017 to Oct 31, 2017 – 2 months

Commit number: 5

No. of developers involved: 1

App components: activity – 13 service – 1 receiver – provider – 1

1# change package name. change value of tools:overrideLibrary in uses-sdk. Add a use feature.

Change app name, icon. Change package name in a service name. Change package name in all places.

Change labels of intent filters. Add data elements in intent filters. Add an intent filter.

2# change authorities in a provider.

3# add android:resizeableActivity="true" in application.

4# add a setting activity. Change value tools:overrideLibrary of in uses-sdk.

5# add a use feature. Add a meta-data in app.

108. <https://github.com/apiote/Bimba>

Project created date: 2017-02-27

Download in play store: XXXXXX

Commit period: Jul 5, 2017 to Aug 28, 2017 – 1 month

Commit number: 10

No. of developers involved: 1

App components: activity – 6 service – 2 receiver – provider –

1# add xml encoding tag. Change app icon. Add a main activity.

2# add use permissions. Add a service component.

3# add a new activity.

4# add two new activity. move main intent filter.

5# change package structure of 4 activities names. Add a service component.

6# change an activity name.

7# add a new activity.

8# syntax change.

9# add a help activity.

10# syntax change.

109. <https://github.com/GiorgioRegni/Binaural-Beats>

Project created date: 2010-12-19

Download in play store: 1,000,000 - 5,000,000

Commit period: Dec 27, 2010 to Oct 28, 2015 – 4 yrs. 10 months

Commit number: 37

No. of developers involved: 1

App components: activity – 3 service – receiver – 1 provider – 1

Exclusive version and uses-sdk related commit: 23

1# change an activity name.
2# add theme in app.
3# version update.
4# version update. Set portrait orientation in an activity.
5#, 6# version update.
7# version update. Add a use permission.
8#, 9#, 10#, 11#, 12#, 13#, 14#, 15#, 16#, 17# version update.
18# version update. Enable allowBackup. Remove uses-sdk.
19# add uses-sdk.
20# formatting change.
21#, 22#, 23# version update.
24# version update. Add install location auto.
25# version update. Add supports-screens. Upgrade min sdk from 7 to 8.
26# version update. Add a new activity. Remove attributes of supports-screens except smallScreens.
27# version update.
28# version update. Add a receiver component. Add a use permission.
29# version update. Upgrade min sdk from 8 to 10. Add target sdk.
30# version update.
31# version update. Remove supports-screens.
32#, 33# version update.
34# add use permissions. Add an activity, a service, and a receiver component.
35# version update.
36# version update. Remove a use permission. Remove an activity, a service, and a receiver.
37# version update. Add meta-data in app. Add an activity and a provider components.

110. <https://github.com/iexos/BipolAlarm>

Project created date: 2015-11-27

Download in play store: 0

Commit period:

Commit number: 0

111. <https://github.com/PrivacyApps/birthday-calendar>

Project created date: 2012-07-15

Download in play store: 1,000 - 5,000

Commit period: Nov 5, 2016 to Nov 6, 2016 – 2 days

Commit number: 5

No. of developers involved: 1

App components: activity – 3 service – 3 receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# remove uses-sdk.

2# add xmlns:tools in the manifest. Enable fullBackupContent in application. Add tools:ignore="ExportedService" in two services.

3# change name of an activity. make an activity exported explicitly. Add launch mode and task affinity in the activity. remove an intent filter.
4# add tools:ignore="GoogleAppIndexingWarning" in application.
5# change theme of an activity.

112. <https://github.com/btcontract/wallet>

Project created date: 2015-07-15
Download in play store: 50,000 - 100,000
Commit period: Sep 3, 2015 to Apr 2, 2017 – 1 yr. 7 months
Commit number: 11
No. of developers involved: 1
App components: activity – 7 service – receiver – provider –

1# formatting change.
2# add an activity.
3#, 4# change theme of an activity.
5# enable allowBackup in application. Remove two activities.
6#, 7#, 8# add a new activity.
9# remove an activity.
10# remove two activities.
11# add a new activity.

113. <https://github.com/bitcoin-wallet/bitcoin-wallet>

Project created date: 2012-03-31
Download in play store: 10,000 - 50,000
Commit period: Mar 3, 2012 to Nov 12, 2017 – 5 yrs. 7 months
Commit number: 301
No. of developers involved: 1
App components: activity – 12 service – 4 receiver – 2 provider – 3
Exclusive version and uses-sdk related commit: 228

1#, 2# version update.
3# change name of a service.
4# change app name.
5# version update.
6# add a new activity.
7# version update.
8# add android:windowSoftInputMode="adjustResize" in an activity.
9# remove an intent filter from an activity.
10# upgrade target sdk from 10 to 11. Add theme in app. Remove themes from 6 activities.
11# change app theme.
12# enable hardware acceleration.
13# version update.
14# add android:windowSoftInputMode="adjustResize" in an activity.
15# add about activity.
16# remove a service. Add a service.

17# remove orientation from configChanges in six activities. Change screen orientation to behind in an activity.

18#, 19# version update.

20# formatting change.

21#, 22#, 23# version update.

24# change app icon.

25# add a use permission.

26#, 27# version update.

28# remove singleTask launch mode.

29# version update.

30# add a service component.

31# add a use permission. Add an action in an intent filter of a receiver.

32# set exported to false in a service.

33# version update.

34# add an intent filter in a receiver.

35#, 36#, 37#, 38#, 39#, 40#, 41# version update.

42# remove a service component.

43#, 44#, 45# version update.

46# add two use permissions.

47# version update.

48# upgrade min sdk from 5 to 8.

49#, 50# version update.

51# add a new activity.

52# version update.

53# add two use features.

54# add use permissions. Add uses features. Add a new activity.

55# version update.

56# set android:allowBackup="false" in application.

57# version update.

58# add in xmlns:tools manifest. Add in tools:ignore="OldTargetApi" uses-sdk.

59# version update.

60# remove android:path from data of an intent filter of a receiver.

61#, 62#, 63# version update.

64# add labels in eight activities.

65#, 66#, 67#, 68#, 69#, 70# version update.

71# add a new activity.

72# version update.

73# remove android:debuggable="true" from application.

74# version update.

75# change label of an activity.

76#, 77#, 78# version update.

79# upgrade min sdk from 8 to 10.

80# change install location from preferExternal to internalOnly.

81# add a new activity.

82#, 83#, 84#, 85#, 86#, 87# version update.
88# Remove two activities. Add an activity.
89# version update.
90# add android:xlargeScreens="true" in supports-screens.
91#, 92# version update.
93# change launch mode from singleInstance to singleTask.
94#, 95#, 96# version update.
97# add a new activity.
98#, 99#, 100#, 101# version update.
102# remove two action elements from an intent filter.
103#, 104# version update.
105# remove an intent filter from an activity.
106# move an intent filter.
107# remove an activity.
108# add a use permission and a use feature.
109#, 110#, 111#, 112# version update.
113# add a service component.
114#, 115#, 116#, 117#, 118#, 119#, 120#, 121#, 122# version update.
123#, 124# add an intent filter in an activity.
125# - 142# version update.
143# change mime type in a data element.
144#, 145# version update.
146# change package structure of an activity name.
147# add a new activity.
148#, 149#, 150#, 151# version update.
152# formatting change.
153#, 154#, 155#, 156# version update.
157# remove a use permission.
158# change name of an activity.
159#, 160# version update.
161# upgrade target sdk from 15 to 16.
162# add a service component.
163#, 164#, 165#, 166#, 167#, 168#, 169#, 170#, 171# version update.
172# add a meta-data in app.
173# remove about activity. Change package structure of an activity name.
174# version update.
175# add a provider component.
176#, 177# version update.
178# change an action name and remove a data element from an intent filter.
179#, 180#, 181#, 182#, 183# version update.
184# change app icon. Remove theme from app. Add themes in 8 activities.
185#, 186#, 187#, 188#, 189#, 190#, 191#, 192#, 193#, 194#, 195# version update.
196# add android:exported="true" in an activity.
197# version update.

198# remove a data element from an intent filter.
 199# - 214# version update.
 215# upgrade target sdk from 16 to 21.
 216#, 217#, 218#, 219#, 220# version update.
 221# change a receiver name.
 222# add a service component.
 223#, 224#, 225#, 226#, 227#, 228#, 229#, 230#, 231# version update.
 232# add comments.
 233#, 234# version update.
 235# upgrade target sdk from 21 to 23.
 236#, 237# version update.
 238# add labels in an activity and an intent filter.
 239#, 240#, 241# version update.
 242# change label of a receiver.
 243# change app icon.
 244#, 245#, 246#, 247#, 248#, 249#, 250# version update.
 251# add a use permission.
 252# upgrade min sdk from 15 to 16.
 253#, 254# version update.
 255# formatting change.
 256# change package structure in names of 3 provider components.
 257#, 258#, 259#, 260#, 261# version update.
 262# upgrade target sdk from 23 to 25.
 263# add a meta-data in an activity.
 264# - 284# version update.
 285# remove a provider and add a provider.
 286#, 287#, 288# version update.
 289# upgrade target sdk from 25 to 26.
 290# change app icon.
 291#, 292# version update.
 293# remove screen orientation from 7 activities.
 294#, 295#, 296#, 297#, 298#, 299#, 300#, 301# version update.

114. <https://github.com/kenCode-de/bitshares-wallet>

Project created date: 2016-02-24
 Download in play store: XXXXXXXX
 Commit period: Feb 25, 2016 to May 14, 2016 – 2 months
 Commit number: 12
 No. of developers involved: 2 (10, 2)
 App components: activity – 4 service – receiver – provider –
 Exclusive version and uses-sdk related commit: 4

1# version update.
 2# add three activities. Add use permissions and a use feature.
 3# new manifest.

4# Change theme of the main activity. Remove three activities. Remove use permissions and a use feature. Add uses-sdk.
5# version update. Change package name. change theme of an activity. Add three activities. Upgrade target sdk from 22 to 23. Add use permissions and a use feature.
6# add application closing tag.
7# revert 6#.
8# remove use permissions.
9#, 10#, 11# version update.
12# revert 8#.

115. <https://github.com/ligi/BLExplorer>

Project created date: 2015-04-11
Download in play store: 1,000 - 5,000
Commit period:
Commit number: 0

116. <https://github.com/grote/BlitzMail>

Project created date: 2013-03-29
Download in play store: 10 - 50
Commit period: Mar 30, 2013 to Jan 11, 2017 – 3 yrs. 9 months
Commit number: 18
No. of developers involved: 1
App components: activity – 4 service – receiver – 1 provider –
Exclusive version and uses-sdk related commit: 7

1# upgrade min sdk from 7 to 8.
2# use shorthand in activities names. Add android:excludeFromRecents="true" in an activity. Add a new activity.
3# add a use permission.
4#, 5# version update.
6# add android:installLocation="preferExternal" in manifest tag.
7# change install location to auto.
8# add supports-screens.
9# upgrade target sdk from 17 to 18. Remove a use permission.
10# version update.
11# upgrade target sdk from 18 to 19. Add app theme. Change themes in two activities. Add a new activity.
12# add task affinity in two activities.
13#, 14# version update.
15# remove version name and code. Remove uses-sdk.
16# add a use permission. Add a data element with mime type. Add an intent filter.
17# add a use permission. Add a receiver component.
18# change themes in 3 activities.

117. <https://github.com/blokadaorg/blokada>

Project created date: 2016-11-19
Download in play store:
Commit period:
Commit number: 0

118. <https://github.com/scoutant/blokish>

Project created date: 2011-04-20
Download in play store: 100,000 - 500,000
Commit period: Feb 2, 2017 to Feb 3, 2017 – 2 days
Commit number: 3
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –

1# no change.

2# version update. Upgrade target sdk from 23 to 25. Remove two intent filters and a meta-data from an activity.

3# change themes of app and an activity.

119. <https://github.com/scoute-dich/Blue-Minimal>

Project created date: 2015-10-10
Download in play store:
Commit period: Apr 23, 2016 to Feb 1, 2017 – 9 months
Commit number: 8
No. of developers involved: 2 (4, 4)
App components: activity – 1 service – receiver – provider –

1# remove uses-sdk. Remove a meta-data. Change value of a meta-data. Change app theme. Add android:fullBackupContent="true" in application.

2# add android:supportsRtl="false" in application.

3# add xmlns:tools in manifest tag. Add tools:ignore="GoogleAppIndexingWarning" in application. Remove three activities. Add an activity.

4# add a use permission.

5# revert 4#.

6# add intent filters in an activity.

7# enable hardware acceleration and large heap.

8# remove an intent filters. change an action and a category of an intent filter.

120. <https://github.com/pipakin/Android-Bluetooth-Reprap>

Project created date: 2011-11-11
Download in play store:
Commit period: Nov 13, 2011 to Nov 17, 2011 – 5 days
Commit number: 4
No. of developers involved: 1
App components: activity – 7 service – 1 receiver – provider –
Exclusive version and uses-sdk related commit: 2

1# version update. Use shorthand in the app name. add a new activity.

- 2# version update.
- 3# use fully qualified names in app and components.
- 4# version update.

121. <https://github.com/Sash0k/bluetooth-spp-terminal>

Project created date: 2014-03-25
 Download in play store: 10,000 - 50,000
 Commit period: Apr 14, 2014 to May 2, 2016 – 1 yr. 11 months
 Commit number: 2
 No. of developers involved: 2 (1, 1)
 App components: activity – 3 service – receiver – provider –

 1# remove configChanges from two activities.
 2# add a use permission.

122. <https://github.com/janosgyerik/bluetoothviewer>

Project created date: 2013-05-09
 Download in play store: 10,000 - 50,000
 Commit period: Feb 8, 2015 to May 14, 2016 – 1 yr. 3 months
 Commit number: 3
 No. of developers involved: 1
 App components: activity – 3 service – receiver – provider –
 Exclusive version and uses-sdk related commit: 2

 1# add app name.
 2#, 3# version update.

123. <https://github.com/kenkendk/android-blueze-ime>

Project created date: 2015-05-03
 Download in play store:
 Commit period: Jan 11, 2011 to Sep 27, 2013 – 2 yrs. 8 months
 Commit number: 22
 No. of developers involved: 1
 App components: activity – 3 service – 4 receiver – 1 provider –
 Exclusive version and uses-sdk related commit: 13

 1# add label in an activity. Change label of an activity.
 2# version update.
 3# version update. Add a new activity.
 4#, 5#, 6# version update.
 7# version update. Add a service and a receiver components. Add a use permission.
 8#, 9# version update.
 10# version update. Remove an intent filter. Add two intent filters. Add a service component.
 11#, 12# version update.
 13# add a use permission.
 14# version update.
 15# protect an activity with a permission.

16# revert 15#.
17#, 18# version update.
19# add a use permission.
20# version update.
21# remove a use permission.
22# version update.

124. <https://github.com/ghisguth/sunlight>

Project created date: 2012-12-28
Download in play store: 1,000 - 5,000
Commit period: Nov 8, 2012 to Oct 11, 2015 – 2 yrs. 11 months
Commit number: 8
No. of developers involved: 1
App components: activity – 1 service – 1 receiver – provider –
Exclusive version and uses-sdk related commit: 2

1# add use features. Remove an activity. Add a service.
2# formatting change.
3# add app icon.
4# add a new activity.
5# formatting change.
6# add target sdk.
7# remove version name and code. Remove uses-sdk.
8# formatting change.

125. https://github.com/zikalify/BMI_Calculator

Project created date: 2014-01-25
Download in play store:
Commit period: Apr 28, 2014 to Sep 13, 2017 – 3 yrs. 4 months
Commit number: 14
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 12

1# change xml version.
2# revert 1#. Add version name and code.
3#, 4#, 5#, 6#, 7#, 8#, 9#, 10#, 11#, 12#, 13#, 14# version update.

126. <https://github.com/bobthekingofegypt/BobBall>

Project created date: 2012-03-11
Download in play store: XXXXXXXX
Commit period: Sep 16, 2015 to Feb 13, 2016 – 5 months
Commit number: 6
No. of developers involved: 2 (5, 1)
App components: activity – 7 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# remove version name and code. Remove uses-sdk.
2#, 3# add a use permission.
4# comment out a use permission.
5# Add six new activities. Move the main intent filter in another activity.
6# add xmlns:tools in manifest tag. Add android:fullBackupContent="true" in application. Add tools:ignore in six activities.

127. <https://github.com/drout/boilr>

Project created date: 2014-07-19
Download in play store: 1,000 - 5,000
Commit period: Oct 7, 2014 to Sep 22, 2017 – 3 yrs. 0 month
Commit number: 27
No. of developers involved: 2 (23, 4)
App components: activity – 5 service – 2 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 19

1#, 2#, 3#, 4#, 5#, 6# version update.
7# Add closing quotation mark.
8#, 9#, 10#, 11#, 12# version update.
13# upgrade target sdk from 20 to 21.
14#, 15# change app theme.
16# add a use permission.
17# upgrade min sdk from 11 to 15. Add parent activity name in three activities.
18# add android:noHistory="true" in an activity.
19# version update.
20# remove a use permission.
21# version update.
22# upgrade target sdk from 21 to 24.
23# add configChanges in an activity.
24#, 25# version update.
26# upgrade target sdk from 24 to 26.
27# version update.

128. <https://github.com/sophiehuiberts/Bomber-for-android>

Project created date: 2012-06-02
Download in play store: XXXXXXXX
Commit period: May 24, 2012 to Jun 5, 2012 – 11 days
Commit number: 3
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

1# add icon in an activity.
2# add a new activity.
3# add app icon.

129. <https://github.com/JohnMH/BoogDroid>

Project created date: 2015-12-28

Download in play store: 50 - 100

Commit period: Nov 16, 2014 to Oct 4, 2017 – 2 yrs. 10 months

Commit number: 7

No. of developers involved: 3 (3, 2, 2)

App components: activity – 3 service – receiver – provider –

1# change app theme. Remove parent activity name from an activity.

2# add theme in an activity.

3# change package name. change app theme. Remove a meta-data from app. Change theme in an activity. Change scheme of a data. Remove an ad activity.

4# remove an activity.

5# add a meta-data. Add themes in 2 activities. Change theme of an activity.

6# change package name. Use fully qualified names in activities.

7# change package name. Use fully qualified names in activities.

130. <https://github.com/eleybourn/Book-Catalogue>

Project created date: 2010-04-17

Download in play store: 100,000 - 500,000

Commit period: Apr 21, 2010 to Jun 24, 2017 – 7 yrs. 2 months

Commit number: 202

No. of developers involved: 3 (128, 70, 4)

App components: activity – 35 service – 1 receiver – provider – 1

Exclusive version and uses-sdk related commit: 148

1# remove an activity.

2#, 3#, 4# version update.

5# version update. Add a new activity.

6#, 7#, 8#, 9#, 10#, 11# version update.

12# version update. Add three new activities.

13# version update. Remove label from an activity. Add a use permission.

14# version update.

15# version update. Change label of an activity. Add three new activities.

16#, 17#, 18#, 19#, 20#, 21#, 22# version update.

23# add two new activities.

24# version update. Add a new activity. Downgrade min sdk from 7 to 4.

25#, 26# formatting change.

27#, 28#, 29#, 30#, 31# version update.

32# version update. Add android:installLocation="preferExternal" in manifest.

33# version update.

34# version update. Remove install location.

35# version update.

36# formatting change.

37#, 38#, 39#, 40#, 41#, 42# version update.

43# add a provider component.

44#, 45# add a new activity.

46# add android:debuggable="true" in application.
47# revert 46#.
48# remove a use permission.
49#, 50# add a new activity.
51#, 52#, 53#, 54#, 55#, 56# version update.
57# formatting change.
58#, 59# version update.
60# version update. Add android:installLocation="auto".
61#, 62#, 63#, 64# version update.
65# add a use permission.
66#, 67#, 68# version update.
69# add a use permission.
70# version update.
71# version update. Add two new activities.
72#, 73#, 74#, 75# version update.
76# version update. Add app name. add debuggable=true. Add a new service. Remove main intent filter from an activity. Add twelve new activities.
77# change install location to preferExternal. Add a use permission.
78# remove a use permission. Add a new activity for ACRA.
79# add three new activities.
80# change a comment.
81# add configChanges in an activity. Add intent filter and meta-data in an activity.
82# change install location to internalOnly. Remove launch mode from an activity. Remove an activity. Add four new activities.
83# change install location to preferExternal and move install location incorrectly in application.
84# place install location in manifest tag.
85# version update.
86# change debuggable to false.
87# version update. Remove android:debuggable attribute.
88# change app icon.
89#, 90#, 91#, 92#, 93#, 94#, 95# version update.
96# add a new activity. move an intent filter and a meta-data of an activity.
97#, 98#, 99#, 100#, 101#, 102#, 103#, 104#, 105# version update.
106# change install location to auto. Remove two activities.
107#, 108#, 109#, 110#, 111#, 112#, 113#, 114#, 115#, 116#, 117#, 118#, 119#, 120# version update.
121# change name of an activity. Change package structure of two activities.
122#, 123#, 124#, 125#, 126#, 127# version update.
128# formatting change.
129# - 143# version update.
144# add a new activity.
145# rename the activity in 144#.
146#, 147#, 148#, 149#, 150# version update.
151# upgrade min sdk from 4 to 7. Add target sdk. Change app icon. Add app logo and theme. Change theme of an activity and add themes in 26 activities. Add labels in four activities.

152# version update.
153# add android:noHistory="true" in an activity.
154# add themes in 5 activities. Remove six activities.
155# change comment.
156# add a new activity.
157#, 158#, 159# version update.
160# change launch mode of an activity to standard. Add singleInstance launch mode in an activity.
161#, 162#, 163#, 164# version update.
165# change app icon and logo.
166#, 167#, 168#, 169#, 170#, 171#, 172#, 173# version update.
174# no change.
175#, 176#, 177#, 178#, 179# version update.
180# no change.
181#, 182#, 183#, 184# version update.
185# add a use permission.
186#, 187#, 188#, 189#, 190#, 191#, 192#, 193#, 194# version update.
195# Remove unwanted characters.
196#, 197#, 198#, 199#, 200#, 201#, 202# version update.

131. <https://github.com/charlieCollins/and-bookworm>

Project created date: 2015-03-15

Download in play store:

Commit period: Jan 18, 2010 to Apr 29, 2011 – 1 yr. 3 months

Commit number: 53

No. of developers involved: 1

App components: activity – 10 service – receiver – provider –

Exclusive version and uses-sdk related commit: 21

1# add instrumentation and uses-library tags.

2# revert 1#

3# add a new activity.

4# add a use permission.

5# add a new activity.

6# add app name.

7# change name of an activity.

8# add two new activity.

9# change name of an activity.

10# add a use permission.

11# add landscape orientation in an activity.

12# remove an activity. Add a new activity.

13# add a new activity.

14# add a preference activity.

15# add a new activity.

16# add a use permission. Add a new activity.

17# change name of an activity.

18# add a new activity.
19# remove an activity.
20#, 21#, 22#, 23# version update.
24# add a use permission.
25# version update.
26# remove an activity. Change name of an activity.
27#, 28# version update.
29# change name of an activity.
30# upgrade min sdk from 3 to 4.
31# add a new activity.
32# version update.
33# change name of an activity.
34# downgrade min sdk from 4 to 3. Add target sdk. Add supports-screens.
35# version update. Remove target sdk. Upgrade min sdk from 3 to 4.
36# version update. Remove a use permission.
37# version update.
38# remove label of an activity.
39#, 40#, 41#, 42# version update.
43# add a new activity.
44# add install location auto in application. Remove three activities. Add an activity.
45# move install location in manifest.
46#, 47#, 48#, 49# version update.
50# add android:backupAgent in application. Add a meta-data in app.
51# change name of two activities.
52#, 53# version update.

132. <https://github.com/quaap/BookyMcBookface>

Project created date: 2017-09-19

Download in play store: 10 - 50

Commit period: Sep 17, 2017 to Oct 10, 2017 – 1 month

Commit number: 14

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 6

1# remove an action from an activity. Add a new activity.
2# remove an activity. Add a new activity.
3# add version name and code.
4# add android:fullBackupContent in application.
5# add xmlns:tools in manifest. Add tools:ignore in application.
6# change package name.
7# set portrait orientation in two activities.
8#, 9#, 10#, 11#, 12# version update.
13# add app name. add a new activity.
14# set portrait orientation in the new activity.

133. <https://github.com/abrensch/brouter>

Project created date: 2014-01-13

Download in play store: 100,000 - 500,000

Commit period: Apr 15, 2014 to Sep 25, 2017 – 3 yrs. 5 months

Commit number: 19

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 18

1# add a new activity. Upgrade min sdk from 5 to 10. Add target sdk. Add use permissions.

2#, 3#, 4#, 5#, 6#, 7#, 8#, 9#, 10#, 11#, 12#, 13#, 14#, 15#, 16#, 17#, 18#, 19# version update.

134. <https://github.com/scoute-dich/browser>

Project created date: 2016-10-22

Download in play store:

Commit period: Oct 28, 2016 to Aug 19, 2017 – 9 months

Commit number: 27

No. of developers involved: 2 (16, 11)

App components: activity – 11 service – receiver – provider – 1

1# add an action in an intent filter. Change name of an activity. Add a new activity.

2# add a provider component.

3# add use permissions.

4# add a new activity.

5# add a use permission. Add a meta-data in an activity.

6# remove portrait orientation from two activities.

7# add a new activity.

8# add configChanges in nine activities. Remove portrait orientation from an activity.

9# add an intent filter in an activity.

10# change label of an intent filter.

11# add a new activity.

12# change name and launch mode of an activity. Add a category and an action in an intent filter.

Remove an activity. add an activity.

13# add four actions in an intent filter. Add a meta-data in an activity. Add four new activities.

14# remove android:supportsRtl="false" from application. Add two new activities.

15# change themes in four activities.

16# add a new activity. Remove four activities.

17# remove an activity.

18# remove two activities. Add five new activities.

19# remove an action from an intent filter. Remove an intent filter and label from nine activities.

Change name of five activities.

20# change launch mode to singleTask in five activities.

21# change launch mode to singleInstance in all the 14 activities.

22# change themes in 14 activities.

23# remove android:largeHeap="true" and android:hardwareAccelerated="true".

24# add an activity. Change themes of four activities. Remove eleven activities.
25# remove use permissions.
26# add app theme. Remove themes from 5 activities.
27# add five new activities.

135. <https://github.com/avianey/Level>

Project created date: 2012-09-23
Download in play store: 10,000,000 - 50,000,000
Commit period: Oct 13, 2012 to Mar 22, 2014 – 1 yr. 5 months
Commit number: 7
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# version update.
2# upgrade min sdk from 4 to 8 and target sdk from 11 to 17. Enable allowBackup.
3# upgrade min sdk from 8 to 9 and target sdk from 17 to 19. Remove a use permission. Add android:required=true in a use feature.
4# version update. Add android:debuggable="true" in application.
5# change debuggable to false.
6# version update. Change debuggable to true.
7# downgrade min sdk from 9 to 8. Change debuggable to false.

136. <https://github.com/nkanaev/bubble>

Project created date: 2015-05-09
Download in play store: 10,000 - 50,000
Commit period: May 13, 2015 to Jul 23, 2016 – 1 yr. 2 months
Commit number: 17
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1#, 2# add a new activity.
3# formatting change.
4# change name of an activity. Change parent activity name in another activity.
5# enable large heap.
6# version update. Add a meta-data in app. Add a use permission.
7# revert 6#.
8# remove uses-sdk. Remove an activity. Change parent activity name in an activity.
9# add app name.
10# remove version name and code.
11# revert 9#.
12# add an intent filter in an activity.
13# add a use permission.
14# modify pathPattern in data elements. Replace mime type with pathPattern in a data element.
15# add two new data elements.

16# remove seven data elements with pathPattern. Add five data elements with mime type.
17# add app name.

137. <https://github.com/notriddle/budget-envelopes>

Project created date: 2013-07-10

Download in play store: 10,000 - 50,000

Commit period: Jul 14, 2013 to Jan 26, 2016 – 2 yrs. 6 months

Commit number: 37

No. of developers involved: 4 (33, 3, 1, 1)

App components: activity – 2 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 23

1# version update. Add a new activity.

2# add theme in an activity.

3#, 4# version update.

5# add about activity.

6#, 7# version update.

8# upgrade target sdk from 17 to 18.

9# version update.

10# version update. Add a receiver and a service components.

11# version update.

12# formatting change.

13#, 14# version update.

15# add two new activities including setting activity. Change main activity.

16# add android:windowSoftInputMode="stateVisible" and android:noHistory="true" in an activity.

17# change label of an activity.

18# change main activity. Remove android:noHistory=true from an activity.

19# add an intent filter in an activity.

20#, 21# version update.

22# add theme in an activity.

23#, 24#, 25# version update.

26# version update.

27# upgrade target sdk from 18 to 19.

28#, 29#, 30# version update.

31# add a new activity.

32# version update. Change theme of an activity.

33#, 34# version update.

35# remove six activities.

36#, 37# version update.

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

Project created date: 2016-01-16

Download in play store: 100 - 500

Commit period: Jan 24, 2016 to Sep 28, 2017 – 8 months

Commit number: 18

No. of developers involved: 1

App components: activity – 9 service – receiver – 1 provider –

1# 2#, 3#, 4# add a new activity.

5# add a use permission. Add a new activity.

6# add configChanges in three activities.

7# add a receiver component.

8# add singleTop launch mode in an activity. Add a new activity.

9# add a use permission and a use feature.

10# add singleTop launch mode in an activity.

11# add android:windowSoftInputMode="stateHidden" in two activities.

12# add a setting activity.

13# remove parent activity name from seven activities.

14# add an intent filter and a meta-data in an activity.

15# add a meta-data in an activity.

16# add app name.

17# add a new activity.

18# remove android:windowSoftInputMode="stateHidden" from two activities.

139. <https://github.com/alexghr/bulkshare>

Project created date: 2014-09-22

Download in play store: 10 - 50

Commit period: Sep 23, 2014 to Feb 29, 2016 – 1 yr. 5 months

Commit number: 5

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# formatting change.

2# change package name.

3# change app icon.

4# change package name. use fully qualified name in all activities.

5# change app theme. Use shorthand in activities names. Remove screen orientation from two activities.

140. <https://github.com/meefik/busybox>

Project created date: 2015-10-04

Download in play store: 500,000 - 1,000,000

Commit period: Jan 28, 2016 to Feb 12, 2016 – 1 month

Commit number: 2

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# add a use permission.

2# revert 1#.

141. <https://github.com/c3nav/c3nav-android>

Project created date: 2015-12-14

Download in play store: 1,000 - 5,000
Commit period: Dec 15, 2015 to Dec 25, 2015 – 10 days
Commit number: 9
No. of developers involved: 2 (6, 4)
App components: activity – 1 service – receiver – provider –

- 1# add use permissions.
- 2# change package name. use fully qualified name in the activity.
- 3# add a use permission.
- 4# add label in an activity.
- 5# change app icon.
- 6# add two intent filters in the activity.
- 7# change app icon.
- 8# add a use permission.
- 9# change allowBackup to false.

142. <https://github.com/guardianproject/cacert>

Project created date: 2011-09-01
Download in play store: XXXXXXX
Commit period: Sep 3, 2011 to Jul 24, 2013 – 1 yr. 10 months
Commit number: 9
No. of developers involved: 2 (5, 4)
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 6

- 1# remove an activity. add an activity.
- 2#, 3#, 4# version update.
- 5# version update. Downgrade min sdk from 8 to 7.
- 6# add a use permission.
- 7# add android:allowBackup="false" in application.
- 8# downgrade min sdk from 7 to 4. Add target and max sdk.
- 9# version update.

143. <https://github.com/Frozen-Developers/android-cache-cleaner>

Project created date: 2013-11-06
Download in play store: 100,000 - 500,000
Commit period: Nov 28, 2013 to Sep 18, 2015 – 1 yr. 9 months
Commit number: 45
No. of developers involved: 1
App components: activity – 2 service – 1 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 24

- 1# upgrade target sdk from 18 to 19.
- 2# add string resource in version name. add parent activity name and its meta-data in an activity.
Add an intent filter in the activity.
- 3# change package structure of 2 activities.
- 4# downgrade min sdk from 14 to 7. Change app theme.

5# remove string resource from version name.
6# version update.
7# add a use permission. Add a receiver and a service component.
8# add android:installLocation="internalOnly" in the manifest.
9# version update.
10# add configChanges in an activity.
11#, 12#, 13# version update.
14# add android:windowSoftInputMode="adjustPan" in an activity.
15#, 16#, 17# version update.
18# upgrade min sdk from 7 to 9.
19#, 20#, 21# version update.
22# upgrade target sdk from 19 to 20.
23# add android:exported="false" in an activity.
24# add android:supportsRtl="true" in application.
25#, 26# version update.
27# upgrade target sdk from 20 to 21.
28# change app theme. Add theme in an activity.
29# remove theme from an activity.
30# revert 29#.
31# remove android:windowSoftInputMode="adjustPan" from an activity.
32# change app icon.
33# formatting change.
34# version update.
35# remove configChanges from an activity.
36#, 37#, 38#, 39# version update.
40# remove version name and code. Remove uses-sdk.
41# remove theme from an activity.
42# add theme in an activity.
43# add supports-screens.
44# add android:fullBackupContent="true" in application.
45# add a use permission.

144. <https://github.com/otaconix/caffeinetile>

Project created date: 2016-11-27

Download in play store:

Commit period: Nov 30, 2016 to Dec 2, 2016 – 3 days.

Commit number: 2

No. of developers involved: 1

App components: activity – 1 service – 2 receiver – provider –

1# add app theme. Use shorthand in a service name. add a setting activity.

2# add a service component.

145. <https://github.com/Xlythe/Calculator>

Project created date: 2012-06-16

Download in play store: 100 - 500

Commit period: Nov 29, 2014 to Nov 14, 2016 – 1 yrs. 11 months

Commit number: 13

No. of developers involved: 1

App components: activity – 3 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 4

1# remove version name and code.

2# change package structure in an activity name.

3# remove uses-sdk.

4# remove a use permission. Remove an activity.

5# add uses-sdk.

6# remove max sdk.

7# remove android:clearTaskOnLaunch="true", android:finishOnTaskLaunch="true", and android:noHistory="true" from an activity.

8# add a use permission.

9# add android:supportsRtl="true" in application.

10# remove uses-sdk. Add android:fullBackupContent="true" and android:resizeableActivity="true" in application. Add <layout> tag in an activity.

11# formatting change.

12# add use permissions.

13# change package name.

146. <https://github.com/SimpleMobileTools/Simple-Calculator>

Project created date: 2015-12-24

Download in play store: 5,000 - 10,000

Commit period: Dec 31, 2015 to Nov 11, 2017 – 1 yr. 10 months

Commit number: 26

No. of developers involved: 1

App components: activity – 7 service – receiver – 1 provider –

1# add a receiver component.

2# add an activity.

3# formatting change.

4# add theme in an activity.

5# add portrait orientation in two activities.

6# change package name.

7# formatting change.

8# change package name. use fully qualified name in component names.

9# remove android:supportsRtl="true" from application.

10# add about activity.

11# add label in an activity.

12# use shorthand in component names.

13# add a new activity.

14# change app icon. Remove icon and label from a receiver.

15# add an icon in a receiver.

- 16# change package structure in 3 activities names.
- 17# change name of an activity.
- 18# remove screen orientation from two activities.
- 19# add parent activity name in two activities. Add a setting activity.
- 20# remove android:allowTaskReparenting="true" from an activity.
- 21# change app label.
- 22# use fully qualified names in two activities. Add a new activity.
- 23# change package structure of a receiver name and change icon of the receiver.
- 24# change app icon. Add roundIcon.
- 25# add a new activity. Make the activity main activity.
- 26# add xmlns:tools in manifest. Add a use permission.

147. <https://github.com/SimpleMobileTools/Simple-Calendar>

Project created date: 2016-01-26

Download in play store: 500,000 - 1,000,000

Commit period: Jan 27, 2016 to Nov 13, 2017 – 1 yr. 9 months

Commit number: 59

No. of developers involved: 1

App components: activity – 11 service – 2 receiver – 5 provider – 1

- 1# add portrait orientation in the main activity.
- 2# add a receiver component.
- 3# add a new activity.
- 4# change package name. use fully qualified names in components.
- 5# use shorthand in component names. Add about activity.
- 6# add a new activity.
- 7# change app icon. Remove icon and label from a receiver.
- 8# add an icon in the receiver.
- 9# change package structure of 3 activities.
- 10# change name of an activity.
- 11#, 12# add a new activity.
- 13# change name of an activity.
- 14# add a receiver component.
- 15# add a use permission. Add a receiver component.
- 16# remove screen orientation from all the 5 activities.
- 17# add setting activity.
- 18# enable task reparenting in the setting activity and add a parent activity name.
- 19# add parent activity name in four activities.
- 20# remove task reparenting from setting activity.
- 21# change app label.
- 22# add app name.
- 23# remove android:supportsRtl="true" from application.
- 24# change package structure of a receiver name.
- 25# add a use permission.

26# change name of a receiver and an activity components. Change resource of a meta-data in a receiver.
27# add label in a receiver. Add a receiver component.
28# add a new activity.
29# add a service component.
30# change icons of two receivers.
31# change an icon of a receiver.
32# use fully qualified name in an activity. Remove parent activity name from an activity.
33# use fully qualified name in an activity and add parent activity name.
34# add a new activity.
35# add a new activity and make that activity main.
36# change app icon. Change icons of two receivers.
37# formatting change.
38# add a use permission.
39# add two use permissions.
40# comment out the permissions added in 39#.
41# add a new activity.
42# remove and add a use permission.
43# add an intent filter in an activity.
44# add a provider component.
45# add a service component.
46# add roundIcon in app.
47# revert 40#. Add a use permission.
48# add a receiver.
49# add use permissions.
50# remove use permissions. Revert 48#.
51# add a receiver.
52# add an intent filter in an activity.
53# add a use permission.
54# change authorities value of a provider. Change resource of a meta-data in the provider.
55# add xmlns:tools in manifest. Add a use permission.
56# remove a use permission.
57# formatting change.
58#, 59# add a use permission.

148. <https://github.com/pascalfree/calendar-color>

Project created date: 2014-11-22

Download in play store:

Commit period:

Commit number: 0

149. <https://github.com/k3b/CalendarIcsAdapter>

Project created date: 2014-03-21

Download in play store:

Commit period: May 5, 2014 to May 26, 2016 – 1 yr. 11 months

Commit number: 14

No. of developers involved: 2 (13, 1)

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 7

1#, 2# formatting change.

3# version update.

4# upgrade min sdk from 7 to 8.

5# version update.

6# remove data elements from an intent filter.

7# version update.

8# Add android:installLocation="preferExternal" in manifest.

9# change install location to auto.

10#, 11#, 12# version update.

13# add data element with mime type in an intent filter.

14# remove version name and code. Add data element with mime type in an intent filter.

150. <https://github.com/PrivacyApps/calendar-import-export>

Project created date: 2012-07-25

Download in play store: 10,000 - 50,000

Commit period: Sep 14, 2015 to May 21, 2016 – 8 months

Commit number: 5

No. of developers involved: 2 (3, 2)

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# formatting change.

2#, 3#, 4# version update.

5# remove version name and code.

151. <https://github.com/quarck/CalendarNotification>

Project created date: 2016-02-07

Download in play store: 10,000 - 50,000

Commit period: Feb 10, 2016 to Sep 27, 2017 – 1 yr. 7 months

Commit number: 71

No. of developers involved: 1

App components: activity – 12 service – 6 receiver – 12 provider – 1

Exclusive version and uses-sdk related commit: 26

1# add a use permission. Add three intent filters in a receiver. Add a receiver component.

2# add a receiver component.

3# remove app name. remove two service components.

4# add parent activity name in two activities. Add a new activity.

5# add android:taskAffinity="" in an activity. Add a new activity.

6# remove a service. Add a service.

7# add a service component.

8# change label of an activity.
9# change labels of two activities.
10# change package structure in 4 activities, a service, and 5 receivers.
11# change package structure of 5 activities, 2 services, 5 receivers.
12#, 13#, 14#, 15#, 16# version update.
17# version update. Add android:noHistory="true" and android:excludeFromRecents="true" in an activity.
18#, 19#, 20#, 21#, 22#, 23# version update.
24# version update. Add app name. add a receiver component.
25#, 26#, 27#, 28#, 29# version update.
30# version update. Remove android:taskAffinity="" from an activity.
31#, 32#, 33#, 34#, 35# version update.
36# add a receiver component.
37# change component names.
38#, 39# version update.
40# add a new activity.
41# version update.
42# version update. Change parent activity name in an activity and add an intent filter.
43# version update.
44# remove version name and code.
45# add about activity.
46# add a new activity. Remove android:noHistory="true" and android:excludeFromRecents="true" from an activity.
47# change package structure of an activity name. add a new activity.
48# add a use permission. add a new activity. Remove android:permission from an activity. Add two actions in an intent filter.
49# add themes in 7 activities. Change theme of an activity. Remove an activity. Add a parent activity name in an activity.
50# change theme of an activity.
51# change theme of an activity. Remove screen orientation from an activity.
52# change name of a receiver.
53# add a service component.
54# add a new activity.
55# add a new activity.
56# add a service component.
57# add two receiver components.
58# add an action in an intent filter of a receiver.
59# add a provider component.
60# change app name. change package structure of 2 activities.
61# change package structure of 2 activities.
62# change app name.
63# add xmlns:tools in manifest. Add android:fullBackupContent="false" and tools:ignore="GoogleAppIndexingWarning" in application.
64# add three receivers.

65# add a service component.
66# change name of an activity.
67# add a new activity.
68# add label in an activity.
69# change name of an activity.
70# formatting change.
71# add a service component.

152. <https://github.com/rparkins999/CalendarTrigger>

Project created date: 2015-12-16

Download in play store:

Commit period: Dec 18, 2015 to Jun 23, 2017 – 1 yr. 6 months

Commit number: 8

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 1

1# change package name. add use permissions.

2# formatting change.

3# change package name. remove uses-sdk. Change package name in an activity name.

4# use shorthand in an activity name. add a new activity.

5# add a use permission. add a setting activity.

6# add use permissions. Add android:exported="false" and android:description in a service. Add an intent filter in a receiver.

7# remove version name and code.

8# add a use permission.

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

Project created date: 2012-05-13

Download in play store: 500,000 - 1,000,000

Commit period: Dec 10, 2013 to Apr 9, 2017 – 3 yrs. 4 months

Commit number: 10

No. of developers involved: 2 (5, 5)

App components: activity – 2 service – 1 receiver – 3 provider –

Exclusive version and uses-sdk related commit: 3

1# change app theme.

2#, 3# version update.

4# remove version name and code. Remove uses-sdk.

5# add an intent filter in an activity.

6# change app theme.

7# add android:installLocation="internalOnly" in manifest.

8# add an intent filter in a receiver.

9# add an activity and move main intent filter to this activity. Use shorthand in component names.

10# remove xmlns:tools from manifest. Add android:excludeFromRecents="true" and

android:finishOnTaskLaunch="true" in two activities. Enable exported and noHistory in the main

activity. Add singleTask launch mode in the main activity. Remove android:exported="true" and tools:ignore="ExportedActivity" from an activity.

154. <https://github.com/citiususc/calendula>

Project created date: 2013-12-03

Download in play store: 1,000 - 5,000

Commit period: Dec 4, 2013 to Dec 14, 2016 – 3 yrs.

Commit number: 56

No. of developers involved: 2 (54, 2)

App components: activity – 19 service – 1 receiver – 4 provider –

1# add a new activity.

2# add android:windowSoftInputMode="adjustPan" in an activity.

3#, 4# add a new activity.

5# upgrade min sdk from 8 to 9. Remove an intent filter from an activity. Add four new activities and a receiver. Add use permissions.

6# add app name. add android:screenOrientation="portrait" in seven activities.

7# add a new activity. Add a use permission.

8# change app icon. Add supports-screens.

9# add three meta-data in application.

10# change package structure of a receiver name. change value of a meta-data.

11# change app icon.

12# add theme in an activity.

13# add parent activity name in an activity. Add a new activity.

14# add singleInstance launch mode in an activity.

15# revert 14#.

16# add theme in an activity.

17# change value of a meta-data.

18# Add <android:uses-permission> tags incorrectly inside manifest. Use fully qualified name in app and receivers names. Add a singleInstance launch mode in two activities. Add a receiver component. Add a setting activity.

19# add a use permission. comment out five use permissions. Comment out <android:uses-permission> tags inside manifest. Add a receiver component.

20# change value of a meta-data. Add a new meta-data in app.

21# comment out a use permission.

22# comment out an activity. Remove android:enabled="false" from a receiver.

23# add a use permission.

24# add a use permission. remove comment from a use permission. add an action in a receiver. Change values in two meta-data.

25# change value of a meta-data. Add a new meta-data. Add a service component.

26# remove setting activity. Remove a service.

27# add setting activity.

28# add xmlns:tools in manifest. Add a <android:uses-permission> element inside manifest. Add tools:replace in application. Add two new activities.

29# formatting change.

30# change value of a meta-data.
 31# add a new activity.
 32# add a receiver component.
 33# add android:windowSoftInputMode="stateHidden" in an activity.
 34# add a new activity.
 35# remove version name and code. Remove uses-sdk. Remove three activities. Remove four meta-data.
 36# add a new activity.
 37# formatting change.
 38# change value of a meta-data.
 39# use shorthand in app and component names. Add two new activities.
 40# remove an activity. Add themes in three activities.
 41# add about activity.
 42#, 43# add a new activity.
 44# add theme in an activity.
 45# add portrait orientation in an activity.
 46# add a service component.
 47# add a use permission.
 48# add portrait orientation in an activity.
 49# remove an intent filter. Remove launch mode and label from an activity.
 50# add two new activities.
 51# add copyright.
 52# add a new activity.
 53# add configChanges in an activity.
 54# remove parent activity name from an activity.
 55# add a use permission.
 56# add singleTask launch mode in an activity.

155. <https://github.com/renyuneyun/CamCov>

Project created date: 2016-07-22

Download in play store:

Commit period: Aug 6, 2016 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – 1 provider –

1# add a receiver component.

156. <https://github.com/SimpleMobileTools/Simple-Camera>

Project created date: 2016-04-12

Download in play store: 50,000 - 100,000

Commit period: Apr 14, 2016 to Nov 7, 2017 – 1 yr. 6 months

Commit number: 30

No. of developers involved: 1

App components: activity – 6 service – receiver – 1 provider – 1

1# add a use feature and a use permission. add portrait orientation in the main activity.
2# change orientation to landscape.
3# add a use permission.
4# revert 2#.
5# add theme in an activity. Add about activity.
6# add a new activity.
7# change app icon.
8# add a use permission.
9#, 10# add an intent filter in an activity.
11# add a receiver component.
12# remove orientation from two activities. Add a setting activity.
13# change label of a setting activity.
14# change package structure in 4 activities names.
15# add a use feature. Remove android:enabled="true" and android:exported="true" from a receiver. Remove priority and a category from an intent filter of the receiver.
16# add four intent filters in an activity.
17# add parent activity name in three activities. Add android:allowTaskReparenting="true" in an activity.
18# remove android:allowTaskReparenting="true" from an activity.
19# change parent activity names in two activities.
20# change app label.
21# remove android:supportsRtl="true" from application.
22# revert 21#.
23# use fully qualified name in two activities.
24# add a new activity.
25# change app icon.
26# remove android:supportsRtl="true" from application.
27# add roundIcon in app.
28# add a new activity and make it main activity.
29# add a provider component.
30# add xmlns:tools in manifest. Add a use permission.

157. <https://github.com/kollerlukas/Camera-Roll-Android-App>

Project created date: 2017-01-05

Download in play store: 50,000 - 100,000

Commit period: Jan 6, 2017 to Oct 1, 2017 – 9 months

Commit number: 38

No. of developers involved: 1

App components: activity – 14 service – 5 receiver – provider – 1

1# change themes in two activities.
2# add theme in an activity.
3# add two intent filters in an activity.
4# add an intent filter in an activity.
5# formatting change.

6# add a new activity.
7# Change action and data of an intent filter.
8# add a new activity.
9#, 10# formatting change.
11# add a new activity.
12# add a meta-data in application. Add a new activity.
13# add configChanges in an activity.
14# change themes in 6 activities.
15# add a setting activity. Change theme of an activity.
16# change theme of an activity.
17# change theme of an activity. Add a service component.
18# change theme of an activity.
19# remove a service. Remove an intent filter. Add a mime type in three intent filters. Add a category in an intent filter.
20# add xmlns:tools in manifest. Add tools:ignore="AppLinkUrlError" in an intent filter. Add four service components.
21# remove a comment.
22# add a service component.
23# add a new activity. Add an intent filter in an activity.
24# change theme of an activity.
25# revert 24#.
26# add a use permission. add an activity component. Add an intent filter in an activity.
27# add label in an activity.
28# add a use permission.
29# add a service component. Add a setting activity.
30# change package structure of 5 services names. Revert 29#.
31# remove a comment.
32# change allowBackup to false in application.
33# change app and 11 activities themes. Add a new activity.
34# remove a meta-data from app.
35# change in an activity: add smallestScreenSize| screenLayout in configChanges, change launch mode to singleTask, add android:supportsPictureInPicture="true" and tools:targetApi="n".
36# change label of an activity. Add a new activity.
37# remove a comment.
38# remove use permissions.

158. <https://github.com/dozingcat/CamTimer>

Project created date: 2011-08-21

Download in play store: 100,000 - 500,000

Commit period:

Commit number: 0

No. of developers involved:

App components: activity – 5 service – receiver – provider –

159. <https://github.com/capitoleulibre/cdl-companion-android>

Project created date: 2015-10-31

Download in play store: 50 - 100

Commit period: Dec 11, 2014 to Nov 4, 2017 – 1 yr. 11 months

Commit number: 29

No. of developers involved: 2 (22, 8)

App components: activity – 7 service – 1 receiver – 1 provider – 2

Exclusive version and uses-sdk related commit: 4

1# version update.

2# version update. Upgrade target sdk from 19 to 21. Add theme in an activity.

3# version update.

4# add theme in an activity.

5# add an intent filter in an activity.

6# add theme in an activity.

7# version update.

8# add parent activity name in two activities. Add parent activity meta-data in an activity.

9# change app icon.

10# change package name. remove version name and code. Remove uses-sdk. Change app name.
change authorities of a provider.

11# add a meta-data in app.

12# change value of a mime type.

13# remove version name and code. Remove uses-sdk.

14#, 15# change theme of an activity.

16# add android:supportsRtl="true" in application.

17# remove hardware acceleration.

18# add xmlns:tools in manifest. Add <uses-sdk tools:overrideLibrary="android.support.customtabs" />.

19# remove an activity.

20# change package name. change package names in mime type and authorities.

21# remove <uses-sdk tools:overrideLibrary="android.support.customtabs" />.

22# add labels in three activities.

23# add an intent filter in an activity.

24# add a meta-data in an activity.

25# use shorthand in app name. use placeholders in mime type and authorities of a provider.

26# add a provider.

27# change theme of an activity.

28# add <uses-sdk tools:overrideLibrary="android.support.customtabs" />.

29# remove a meta-data from app.

160. <https://github.com/jsparber/CaptivePortalAutologin>

Project created date: 2017-04-03

Download in play store:

Commit period:

Commit number: 0

161. <https://github.com/bherrmann7/Car-Cast>

Project created date: 2010-01-03

Download in play store: 100,000 - 500,000

Commit period: Mar 2, 2017 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 17 service – 3 receiver – 5 provider –

1# version update. Add an action in a receiver. Remove orientation from two activities. Add a new activity. Upgrade min sdk from 8 to 9 and target sdk from 14 to 17.

162. <https://github.com/luarca84/Caramelos>

Project created date: 2017-09-20

Download in play store: 10 - 50

Commit period: Sep 21, 2017 to Sep 22, 2017 – 2 days

Commit number: 2

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# change app icon.

2# change screen orientation to portrait.

163. <https://github.com/agateau/cat-avatar-generator-app>

Project created date: 2016-12-04

Download in play store: 1,000 - 5,000

Commit period: Dec 5, 2016 to Dec 19, 2016 – 14 days

Commit number: 3

No. of developers involved: 1

App components: activity – 2 service – receiver – provider – 1

1# add a provider component.

2# add android:windowSoftInputMode="stateAlwaysVisible|adjustResize" in an activity.

3# add about activity.

164. <https://github.com/Bubu/android-dice-game>

Project created date: 2017-07-02

Download in play store:

Commit period: Jul 2, 2017 to Jul 14, 2017 – 12 days

Commit number: 4

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# version update.

2# version update. Remove uses-sdk.

3# remove themes from four activities.

4# version update.

165. <https://github.com/bpeel/catverbs>

Project created date: 2014-08-11

Download in play store: 5,000 - 10,000

Commit period: Apr 6, 2014 to Aug 29, 2015 – 1 yr. 4 months

Commit number: 8

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# change package name. version update.

2# remove an activity. add an activity.

3# version update. Change debuggable to false.

4# version update.

5# add an intent filter in an activity.

6# formatting change.

7#, 8# version update.

166. <https://github.com/netmackan/CertTools>

Project created date: 2011-07-19

Download in play store: 1,000 - 5,000

Commit period: Jul 19, 2011 to Dec 5, 2015 – 4 yrs. 4 months

Commit number: 7

No. of developers involved: 2 (5, 2)

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# add copyright.

2# version update.

3# add four intent filters in an activity.

4# add an intent filter in an activity.

5# add target sdk.

6#, 7# version update.

167. <https://github.com/grzegorzmittner/chau>

Project created date: 2012-09-13

Download in play store:

Commit period: Nov 8, 2015 to Jan 19, 2016 – 2 months

Commit number: 7

No. of developers involved: 2 (4, 3)

App components: activity – 22 service – 12 receiver – 5 provider –

Exclusive version and uses-sdk related commit: 6

1# change app name.

2#, 3# version update.

4# downgrade target sdk from 23 to 22.

5#, 6#, 7# version update.

168. <https://github.com/kostmo/chartdroid>

Project created date: 2015-03-29

Download in play store: 10,000 - 50,000

Commit period: Apr 7, 2010 to Nov 18, 2010 – 7 months

Commit number: 12

No. of developers involved: 1

App components: activity – 12 service – receiver – provider – 1

Exclusive version and uses-sdk related commit: 3

1# add comments.

2# version update. Add five intent filters in five activities.

3# remove an activity. Change package structure in an activity name. Add two new activities.

4# version update.

5# change an activity name.

6#, 7# add a new activity.

8# add a new activity. Change theme of an activity.

9# add a provider component.

10# version update.

11# remove an activity. Add label in an activity.

12# version update.

169. <https://github.com/mathisdt/checknetwork>

Project created date: 2014-01-11

Download in play store: 1,000 - 5,000

Commit period: Feb 24, 2013 to Feb 20, 2017 – 4 yrs.

Commit number: 10

No. of developers involved: 3 (5, 4, 1)

App components: activity – 1 service – receiver – 2 provider –

Exclusive version and uses-sdk related commit: 9

1# version update.

2# revert 1#.

3# repeat 1#.

4# version update.

5# revert 4#.

6# version update.

7# add app name.

8#, 9# version update.

10# version update. Add max sdk.

170. <https://github.com/guardianproject/checkkey>

Project created date: 2014-06-16

Download in play store: 10,000 - 50,000

Commit period: Jun 19, 2014 to Nov 9, 2016 – 2 yrs. 4 months

Commit number: 11

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 5

1# add a use permission. add a new activity.

2# add an intent filter in an activity.

3# upgrade min sdk from 7 to 8. Remove an intent filter from an activity.

4# change app theme.

5#, 6# version update.

7# add app description.

8# upgrade target sdk from 19 to 21.

9# add a new activity.

10#, 11# version update.

171. <https://github.com/gsantner/cherrymusic-android>

Project created date: 2015-06-13

Download in play store:

Commit period: Aug 10, 2017 to Sep 19, 2017 – 1 month

Commit number: 3

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# Use fully qualified names in app and components. Add a meta-data in app.

2# change app and activity icons.

3# change package name in app and 3 activities.

172. <https://github.com/raatmarien/chibe>

Project created date: 2016-11-21

Download in play store: XXXXXXX

Commit period: May 26, 2016 to Apr 28, 2017 – 11 months

Commit number: 8

No. of developers involved: 1

App components: activity – 2 service – receiver – 2 provider –

1# add a new activity.

2# add android:supportsRtl="true" in application.

3# add a receiver component.

4# add a use permission.

5# add a use permission. add a receiver component.

6# add app icon.

7# change package name. change two activities names and labels. Change a receiver name. change package name of two receivers and two activities.

8# add a use permission.

173. <https://github.com/pmarks-net/chromadoze>

Project created date: 2015-03-15

Download in play store: 50,000 - 100,000
Commit period: Mar 29, 2015 to Jan 24, 2016 – 10 months
Commit number: 10
No. of developers involved: 1
App components: activity – 1 service – 1 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 5

1# remove uses-sdk.
2# formatting change.
3#, 4#, 5# version update.
6# add android:backupAgent="TheBackupAgent" in application. Add a meta-data in app.
7#, 8# version update.
9# version update. Revert 6#.
10# repeat 6#.

174. <https://github.com/bamless/chromium-swe-updater>

Project created date: 2017-05-09
Download in play store:
Commit period: May 16, 2017 to Jun 5, 2017 – 20 days
Commit number: 3
No. of developers involved: 1
App components: activity – 1 service – 2 receiver – 2 provider – 1

1# change package structure in an activity and a service.
2# change package structure in an activity, 2 services, and 2 receivers.
3# change app roundIcon.

175. <https://github.com/nathan-osman/chronosnap>

Project created date: 2015-05-03
Download in play store: 1,000 - 5,000
Commit period: May 3, 2015 to May 8, 2015 – 6 days
Commit number: 5
No. of developers involved: 1
App components: activity – 2 service – 1 receiver – provider –

1# add setting activity.
2# add a use permission and a use feature. Add a service component.
3# add a use permission.
4# change package structure of a service and an activity names.
5# change package structure of an activity.

176. <https://github.com/rmceoin/cidrcalculator>

Project created date: 2014-06-23
Download in play store: 50,000 - 100,000
Commit period: Jun 25, 2014 to Dec 24, 2014 – 6 months
Commit number: 5
No. of developers involved: 1

App components: activity – 5 service – receiver – provider – 1

Exclusive version and uses-sdk related commit: 5

1#, 2#, 3#, 4#, 5# version update.

177. <https://github.com/CityZenApp/Android-Development>

Project created date: 2017-07-11

Download in play store: 1 - 5

Commit period: Aug 11, 2017 to Sep 14, 2017 – 1 month

Commit number: 3

No. of developers involved: 1

App components: activity – 2 service – receiver – 1 provider –

1# change app icon. Remove roundIcon.

2#, 3# change app icon.

178. <https://github.com/emmaguy/clean-status-bar>

Project created date: 2014-09-07

Download in play store: 100,000 - 500,000

Commit period: Sep 14, 2014 to Oct 12, 2015 – 1 yr. 1 month

Commit number: 4

No. of developers involved: 4

App components: activity – 1 service – 1 receiver – 1 provider –

1# add singleInstance launch mode in an activity.

2# remove android:enabled="true" from a service and change exported to false.

3# add a receiver component.

4# formatting change.

179. <https://github.com/douzify/clear-todolist>

Project created date: 2015-11-17

Download in play store: 10,000 - 50,000

Commit period: Oct 10, 2015 to Jan 13, 2016 – 3 months

Commit number: 10

No. of developers involved: 1

App components: activity – 4 service – receiver – 1 provider –

1# change package structure of the main activity and add portrait orientation. Add a new activity.

2# change name of an activity.

3# add two meta-data in app

4# add a setting activity.

5# add use permissions. add a receiver component.

6# change value of a meta-data.

7# add a new activity.

8# change a comment.

9# add a use permission.

10# add a category in an intent filter.

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

Project created date: 2013-12-06

Download in play store: 100,000 - 500,000

Commit period: Apr 19, 2015 to Jan 3, 2016 – 8 months

Commit number: 5

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – 5 provider –

1# change themes in two activities.

2# change themes in 4 activities.

3# change name of an activity.

4# add android:exported="false" in a receiver.

5# add android:supportsRtl="true" in application.

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

Project created date: 2014-12-14

Download in play store: 100,000 - 500,000

Commit period: Dec 10, 2014 to Apr 8, 2015 – 4 months

Commit number: 52

No. of developers involved: 1

App components: activity – 6 service – 6 receiver – 2 provider –

1# add two receiver components.

2# remove a receiver component. Add a service component.

3# change package name. Add a use permission. Remove main activity. Add an intent filter in a receiver.

4# change name of a service.

5# add main activity.

6# add an intent filter in a service.

7# add a service component.

8# add an action in an intent filter. Add a meta-data in an activity.

9# add singleTop launch mode in the main activity.

10# change name of the main activity. Add a setting activity.

11# add an intent filter in the setting activity.

12# add theme in an activity.

13# add android:maxRecents="5" in application. Remove parent activity name from setting activity.

14# add a new activity.

15# change value of maxRecents to 2. Add android:documentLaunchMode="always" and android:maxRecents="1" in an activity.

16# change value of documentLaunchMode to intoExisting in an activity.

17# revert 16#. Change maxRecents to 2 in an activity.

18# change maxRecents value to 1 in an activity.

19# repeat 16#

20# change package name. change package name in an action.

21# change app icon.

22#, 23# add a new activity.

24# add a use permission.
25# revert 23#.
26# add a new activity.
27# change label of an activity. Merge an activity.
28# change name and label of an activity.
29# change an activity launch mode to singleTask.
30# add a new activity.
31# remove a meta-data from an activity.
32# add android:backupAgent="BackupAgent" in application. Add a meta-data in app.
33# change name of a service.
34# change launch mode to singleTop.
35# change "BackupAgent" to ".BackupAgent".
36# change name of an activity.
37# add a receiver component.
38# add a service component.
39# change value of maxRecents to 2.
40# change theme in an activity.
41# change value of documentLaunchMode to always to maxRecents to 1.
42# add theme in an activity.
43# change theme of an activity. Add themes in two activities.
44# add a new activity. Change themes in 4 activities.
45# change value of backupAgent to ".GoogleBackupAgent" in application.
46# add a use permission. add a service component.
47# add a use permission.
48# comment out a use permission.
49# add a use permission. add a service component.
50# change name of a service.
51# change launch mode to singleInstance. Add android:documentLaunchMode="intoExisting" in an activity.
52# change theme of an activity.

182. https://github.com/WeAreFairphone/android_packages_apps_ClockWidget

Project created date: 2017-04-28

Download in play store:

Commit period: Jun 17, 2015 to May 3, 2017 – 1 yr. 10 months

Commit number: 7

No. of developers involved: 3 (5, 1, 1)

App components: activity – 1 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 2

1# use shorthand in an activity name. add a service component.
2# add a use permission.
3# add two actions in an intent filter.
4# remove a category in an intent filter.
5# add a use permission.

6# version update.
7# upgrade target sdk from 21 to 25.

183. <https://github.com/philliphsu/ClockPlus>

Project created date: 2016-09-23

Download in play store: 1,000 - 5,000

Commit period: May 29, 2016 to Mar 2, 2017 – 9 months

Commit number: 39

No. of developers involved: 2 (38, 1)

App components: activity – 5 service – 5 receiver – 3 provider –

1# change package name. Use fully qualified name in an activity. Add a new activity and a service.

2# use shorthand in component names. Add a receiver component.

3# remove configChanges from an activity. Change theme of an activity.

4# formatting change.

5# add a new activity.

6# add singleTask launch mode in an activity.

7# add android:windowSoftInputMode="adjustNothing" in an activity.

8# add android:excludeFromRecents="true", android:finishOnTaskLaunch="true",
android:launchMode="singleTask", android:taskAffinity="com.philliphsu.clock2.RingtoneActivity" in
an activity.

9# remove android:finishOnTaskLaunch="true" and android:launchMode="singleTask" from an
activity.

10# add android:launchMode="singleTask" in an activity.

11# remove themes from 3 activities. Add a setting activity.

12# add a receiver.

13# add a use permission.

14# add a use permission. Add a receiver and a service components.

15# add a new activity.

16# add label and windowSoftInputMode in an activity. Add parent activity name and its meta-data
in the activity.

17# comment out an activity. Add a service and two activities components.

18# comment out a service. Add a service component.

19# add a service component.

20# change app theme.

21# revert 20#.

22# add a use permission. repeat 20#.

23# repeat 21#.

24# repeat 20#

25# add a service component.

26# repeat 21#

27# remove an activity component.

28# change package structure of an activity, 2 services, and 3 receivers.

29# change package structure of an activity and a service.

30# change package structure of an activity.

31# change package structure of 2 services.
32# change package structure of an activity.
33# add theme in an activity.
34# revert 33#.
35# repeat 33#.
36# revert 35#
37# add copyright.
38# add nosensor orientation in two activities.
39# copyright change.

184. <https://github.com/Floens/Clover>

Project created date: 2014-04-08

Download in play store:

Commit period: May 26, 2014 to Mar 19, 2017 – 2 yrs. 10 months

Commit number: 21

No. of developers involved: 2 (20, 1)

App components: activity – 1 service – 2 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 3

1#, 2# version update.

3# remove version name and code.

4# add copyright.

5# remove a service. Add a service.

6# add a new activity.

7# remove uses-sdk. Use shorthand in component names. Change parent activity names in 6 activities. Separate an activity into two activities by adding a new activity.

8# change theme of an activity.

9# remove parent activity names and meta-data from 6 activities.

10#, 11# add a new activity.

12# use shorthand in app name. change app theme. Add label to an activity. Merge an activity.

Remove ten activities.

13# add a use permission.

14# remove an activity.

15# make changes in data elements.

16# add a service component.

17# change app icon.

18# Add a use permission. add a receiver component.

19# add meta-data and uses-library in application.

20# formatting change.

21# remove an activity.

185. <https://github.com/jatwigg/cmus-android-remote>

Project created date: 2014-02-03

Download in play store: 1,000 - 5,000

Commit period: Feb 1, 2014 to Mar 30, 2014 – 2 months

Commit number: 12

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

Exclusive version and uses-sdk related commit: 7

1# change package name. add a new activity.

2# add android:debuggable="false" in application.

3# version update.

4# change labels in three activities.

5# version update.

6# add themes in two activities. Correct themes in two activities. Change label in an activity. Remove label from an activity.

7# version update.

8# change name and label of an activity.

9#, 10#, 11#, 12# version update.

186. <https://github.com/enricocid/Color-picker-library>

Project created date: 2016-12-10

Download in play store: XXXXXXXX

Commit period: Jan 2, 2017 to Jun 11, 2017 – 5 months

Commit number: 2

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# formatting change.

2# add portrait orientation in an activity.

187. <https://github.com/VelbazhdSoftwareLLC/ColorsOverflow>

Project created date: 2015-08-06

Download in play store: 50 - 100

Commit period: Aug 7, 2015 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 10 service – receiver – provider –

1# add a use permission. add a new activity and make it main activity.

188. <https://github.com/mschlauch/comfortreader>

Project created date: 2015-02-14

Download in play store: 100 - 500

Commit period:

Commit number: 0

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

Project created date: 2015-09-07

Download in play store: 10,000 - 50,000

Commit period: Jul 4, 2016 to Dec 4, 2017 – 1 yr. 5 months

Commit number: 57

No. of developers involved: 10 (42, 3, 2, 1, 1, 1, 1, 1, 1, 1)

App components: activity – 10 service – 4 receiver – provider – 4

Exclusive version and uses-sdk related commit: 38

1# version update.

2# add a use permission.

3# version update.

4# upgrade min sdk from 9 to 11.

5# add a use permission.

6# remove uses-sdk.

7#, 8#, 9# version update.

10# formatting change.

11#, 12#, 13# version update.

14# add an activity.

15#, 16#, 17#, 18# version update.

19# add a new activity.

20# add parent activity name in an activity.

21#, 22#, 23#, 24#, 25#, 26#, 27#, 28#, 29#, 30#, 31#, 32# version update.

33# formatting change.

34#, 35#, 36#, 37#, 38#, 39#, 40#, 41#, 42#, 43# version update.

44# add xmlns:tools in manifest.

45# remove themes from 2 activities.

46# version update.

47# remove version name and code.

48# change package structure in an activity name.

49# add parent activity name in an activity.

50# move an intent filter.

51# revert 44#.

52# add a provider component.

53# formatting change.

54# Change app theme.

55# add a use permission.

56# add a use feature.

57# remove an activity.

190. <https://github.com/CommonsLab/CommonsLab>

Project created date: 2017-02-21

Download in play store: 5 - 10

Commit period: Jul 14, 2017 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 5 service – 1 receiver – provider – 1

1# change package name. add fully qualified names in components.

191. <https://github.com/MiCode/Compass>

Project created date: 2011-12-29

Download in play store:

Commit period:

Commit number: 0

192. <https://github.com/gsimon75/compass-keyboard>

Project created date: 2016-02-21

Download in play store: 5,000 - 10,000

Commit period: May 3, 2011 to Oct 8, 2014 – 3 yrs. 5 months

Commit number: 12

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 7

1# version update.

2# version update. Add an intent filter in a service. Add a new activity.

3#, 4#, 5#, 6#, 7# version update.

8# version update. Add a new activity.

9# version update.

10# version update. Change label in an activity. Remove an activity. Add a new activity.

11# add a use permission. remove an action from an intent filter.

12# remove two activities.

193. <https://github.com/VelbazhdSoftwareLLC/Complica4>

Project created date: 2015-09-01

Download in play store: 10 - 50

Commit period: Jul 13, 2016 to Jul 23, 2016 – 10 days

Commit number: 4

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – 2 provider –

1# add meta-data in app. Add a meta-data in a service.

2#, 3# add a meta-data in a service.

4# version update. Change value of a meta-data.

194. <https://github.com/quaap/ComputationalDemonology>

Project created date: 2016-12-13

Download in play store: 100 - 500

Commit period: Dec 6, 2016 to Dec 14, 2016 – 8 days

Commit number: 5

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# add a new activity and make it main activity.

2# add parent activity name in an activity.

- 3# add version name and code.
- 4# change app icon.
- 5# add portrait orientation in 2 activities.

195. <https://github.com/leonardoraele/concurseiro>

Project created date: 2014-09-19

Download in play store:

Commit period: Nov 11, 2014 to Nov 18, 2014 – 7 days

Commit number: 2

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# remove an activity. Change package structure of an activity.

2# downgrade target sdk from 21 to 19. Remove app name. add meta-data in app. Add configChanges in an activity. Add a new activity.

196. <https://github.com/connectbot/connectbot>

Project created date: 2009-02-06

Download in play store: 1,000,000 - 5,000,000

Commit period: Oct 19, 2014 to Mar 10, 2017 – 2 yrs. 4 months

Commit number: 25

No. of developers involved: 4 (14, 7, 3, 1)

App components: activity – 11 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 10

1#, 2#, 3#, 4# version update.

5# upgrade target sdk from 15 to 22.

6# add an action in an intent filter.

7# revert 6#. Add singleTop launch mode in an activity.

8# version update.

9# upgrade min sdk from 4 to 8.

10# remove an activity. Add a new activity.

11# change theme of an activity.

12# remove min and target sdk.

13# version update.

14# add labels and parent activity names and its meta-data in all the activities.

15# remove parent activity names from 9 activities.

16# add app theme.

17# add label in an activity.

18# add label in an intent filter.

19# add a new activity.

20# remove an activity and add a new activity.

21# change label of an activity. Remove label from an intent filter.

22# remove android:hardwareAccelerated="false" from an activity.

23# remove version name and code.

24# remove an activity.

25# add android:supportsRtl="true" in application.

197. <https://github.com/k3b/ContentProviderHelper>

Project created date: 2015-05-28

Download in play store: 10,000 - 50,000

Commit period: May 28, 2015 to Nov 3, 2016 – 5 months

Commit number: 4

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# upgrade target sdk from 19 to 21. Change app theme.

2# remove version name and code. Remove uses-sdk. Remove a use permission. Change allowBackup to false.

3# add a use permission.

4# remove a provider component.

198. <https://github.com/siacs/Conversations>

Project created date: 2014-01-24

Download in play store: 10,000 - 50,000

Commit period: Nov 4, 2014 to Nov 16, 2017 – 3 yrs.

Commit number: 39

No. of developers involved: 10 (26, 3, 1, 1, 1, 1, 1, 1, 1, 1)

App components: activity – 20 service – 3 receiver – 1 provider – 2

1# add a use permission. Remove logo from an activity and add an intent filter.

2# remove mime type and add scheme in a data element.

3# add a data in an intent filter.

4# revert 3#.

5# use shorthand in component names. Add about activity.

6# add theme and tools:replace in an activity.

7# add a new activity.

8# change mime type in a data element.

9#, 10# add a new activity.

11# change labels in two activities.

12# add an intent filter in an activity.

13# add a new activity.

14# change label of an activity.

15# add a use permission.

16# add singleTask launch mode in an activity.

17# add a service component.

18# add an action in an intent filter.

19# add singleTask launch mode in two activities.

20# add configChanges in four activities.

21# revert 20#.

22# add a new activity.

23# add a meta-data in an activity. Add a service component.

24# add a use permission.
25# add two new activities.
26# add a new activity.
27# add an intent filter in an activity.
28# add a data element in an intent filter.
29# add a provider component.
30# remove screen orientation from two activities. Add minWidth and minHeight in an activity.
31# remove configChanges from an activity.
32# add a provider component.
33# replace package name with placeholder in authorities in two providers.
34# add <uses-sdk tools:overrideLibrary="net.ypresto.androidtranscoder" />
35# add android:networkSecurityConfig in application.
36# add a meta-data in app.
37# change launch mode to singleTop in four activities. Add singleTop launch mode in an activity.
38# change launch mode to singleTask in an activity.
39# remove labels from two activities.

199. <https://github.com/johanhil/copy-to-clipboard>

Project created date: 2010-08-07

Download in play store:

Commit period:

Commit number: 0

200. <https://github.com/sergstetsuk/CosyDVR>

Project created date: 2013-07-01

Download in play store: 1,000 - 5,000

Commit period: Jul 3, 2013 to Jul 6, 2017 – 4 yrs.

Commit number: 40

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 29

1# add a use permission. add singleInstance launch mode in an activity.

2# downgrade min sdk from 11 to 8. Change app icon.

3# upgrade min sdk from 8 to 11. Add use permissions.

4# add a new activity.

5#, 6#, 7#, 8# version update.

9# version update. Add use permissions and use features.

10#, 11# version update.

12# version update. Remove use permissions and use features.

13# version update.

14# use fully qualified names in components.

15# add a use permission.

16# version update.

17# version update. Upgrade min sdk from 11 to 16.

18#, 19#, 20#, 21#, 22# version update.
23# change package name. version update. Change package name in 2 activities and a service.
24# version update. Remove screen orientation and add configChanges with orientation in an activity.
25#, 26#, 27#, 28#, 29#, 30#, 31#, 32#, 33#, 34#, 35#, 36# version update.
37# upgrade target sdk from 17 to 21. Add a use permission.
38#, 39#, 40# version update.

201. <https://github.com/gentlecat/counter>

Project created date: 2012-01-30
Download in play store: 100,000 - 500,000
Commit period: Sep 27, 2013 to Nov 2, 2016 – 3 yrs. 1 month
Commit number: 11
No. of developers involved: 2 (10, 2)
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 3

1# add android:uiOptions="splitActionBarWhenNarrow" in application. Add a meta-data in an activity.
2# remove the meta-data from the activity.
3# remove android:uiOptions="splitActionBarWhenNarrow" from application.
4# version update. Upgrade target sdk from 18 to 19.
5# version update.
6# remove version name and code. Remove uses-sdk.
7# formatting change.
8# add android:allowBackup="true" in application.
9# add android:supportsRtl="true" in application.
10# change app theme.
11# change labels of app and an activity.

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

Project created date: 2014-08-12
Download in play store: 10,000 - 50,000
Commit period: Aug 11, 2015 to Jul 26, 2017 – 1 yr. 11 months
Commit number: 12
No. of developers involved: 3 (6, 4, 2)
App components: activity – 1 service – 1 receiver – provider –

1# formatting change.
2# add a service component.
3# formatting change. Remove closing tag of a service.
4# add closing tag in the service.
5# change name of the service.
6# add android:required="false" in use features.
7# change theme in an activity.
8# remove an activity. Move an intent filter.

9# change theme of the activity.
10# remove a receiver component.
11# add app name.
12# remove screen orientation from the activity.

203. https://github.com/alaskalinuxuser/app_critical_velocity

Project created date: 2017-06-09
Download in play store: 10 - 50
Commit period: Jun 13, 2017 to Jul 28, 2017 – 1 month
Commit number: 15
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 9

1#, 2# version update.
3# version update. Add a use feature.
4# version update.
5# version update. Add supports-screens.
6# version update. Change value of normalScreens to true in supports-screens.
7# version update. Upgrade min sdk from 9 to 15. Add android:screenSize="normal" and android:screenDensity="xhdpi" in supports-screens. Add compatible-screens tag.
8# version update. Change app icon.
9#, 10#, 11# version update.
12# version update. Remove supports-screens and compatible-screens.
13#, 14#, 15# version update.

204. <https://github.com/faerbit/android-crond>

Project created date: 2017-04-27
Download in play store:
Commit period: Apr 27, 2017 to Jun 9, 2017 – 1 month
Commit number: 7
No. of developers involved: 1
App components: activity – 1 service – receiver – 2 provider –

1# add a use permission. add a receiver component.
2# add a use permission.
3# formatting change.
4# add a receiver component.
5# replace string resource with a variable in app label.
6# add xmlns:tools. Remove a use permission. change round icon in app. Add tools:ignore="AllowBackup" in application.
7# add a use permission.

205. <https://github.com/billthefarmer/crossword>

Project created date: 2017-01-20
Download in play store:

Commit period: Jan 25, 2017 to Aug 2, 2017 – 6 months

Commit number: 14

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 6

1# add about activity.

2# add help activity.

3# add a use permission. Add a meta-data. Add a new activity.

4# change name of an activity.

5# add a new activity.

6#, 7# version update.

8# add android:windowSoftInputMode="stateHidden" in an activity.

9#, 10#, 11# version update.

12# change theme in app and an activity.

13# add tools:ignore="OldTargetApi" in uses-sdk.

14# version update.

206. <https://github.com/nelenkov/cryptfs-password-manager>

Project created date: 2012-08-01

Download in play store: 10,000 - 50,000

Commit period: Aug 7, 2012 to Apr 16, 2016 – 3 yrs. 8 months

Commit number: 6

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# version update.

2# version update. Upgrade target sdk from 15 to 21. Enable allowBackup.

3#, 4# version update.

5# formatting change.

6# version update.

207. <https://github.com/arkon/CDF Labs>

Project created date: 2014-07-01

Download in play store: 500 - 1,000

Commit period: Aug 13, 2014 to Apr 17, 2017 – 2 yrs. 8 months

Commit number: 16

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# add app icon.

2# add a receiver component.

3# revert 2#.

4# remove app logo. Remove icons from activities.

5# remove a comment.

6# change label of an activity.

7# change app icon. Change name of an activity.
8# use shorthand in activity and parent activity names. Remove an activity.
9# remove an activity. Add about activity.
10# change name of an activity.
11# remove an activity.
12# formatting change.
13# change package structure in an activity name.
14# add app name.
15# change app name.
16# add a meta-data in app.

208. <https://github.com/cSploit/android>

Project created date: 2014-10-04

Download in play store:

Commit period:

Commit number: 0

209. <https://github.com/paride/CopperPDF>

Project created date: 2017-02-04

Download in play store:

Commit period: Jan 17, 2017 to Feb 12, 2017 – 1 month

Commit number: 5

No. of developers involved: 2 (4, 1)

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# change app icon.

2# revert 1#.

3# version update.

4# version update. Downgrade min sdk from 25 to 23.

5# version update.

210. <https://github.com/billthefarmer/currency>

Project created date: 2016-11-27

Download in play store:

Commit period: Dec 1, 2016 to Oct 31, 2017 – 11 months

Commit number: 22

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 11

1# remove a use permission. add use permissions. add
android:windowSoftInputMode="stateHidden" in an activity. Add a new activity.

2# add a setting activity.

3# add xmlns:tools and tools:ignore in manifest. Add tools:ignore="OldTargetApi" in uses-sdk.

4# add a new activity.

5#, 6#, 7# version update.
8# add adjustResize in findViewById in an activity.
9# version update. Revert 8#.
10# version update.
11# add a new activity.
12# formatting change.
13# version update.
14# upgrade target sdk from 17 to 25. Add tools:ignore="AllowBackup" in application. Remove tools:ignore="OldTargetApi" from uses-sdk.
15#, 16# version update.
17# change theme in app and an activity.
18# version update.
19# downgrade target sdk from 25 to 22.
20# add tools:ignore="OldTargetApi" in uses-sdk.
21#, 22# version update.

211. <https://github.com/gstraube/cythara>

Project created date: 2017-05-17

Download in play store:

Commit period: May 22, 2017 to Aug 23, 2017 – 3 months

Commit number: 4

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# add xml encoding tag. Add a use permission. add a new activity.

2# add use permissions.

3# change value of allowBackup to false in application.

4# revert 2#.

212. <https://github.com/h42i/d00r-app>

Project created date: 2014-10-04

Download in play store: 10 - 50

Commit period:

Commit number: 0

213. <https://github.com/chrismiceli/daap-client>

Project created date: 2015-03-14

Download in play store: 100,000 - 500,000

Commit period: Jun 30, 2010 to Mar 21, 2013 – 2 yrs. 8 months

Commit number: 20

No. of developers involved: 2 (14, 6)

App components: activity – 13 service – 1 receiver – 2 provider –

Exclusive version and uses-sdk related commit: 11

1# version update.

2# version update. Add use permissions.

3# version update. Add a new activity.
4# formatting change.
5#, 6#, 7# version update.
8# version update. Add install location auto. Upgrade target sdk from 4 to 8.
9# version update.
10# version update. Add an intent filter in two activities.
11#, 12#, 13# version update.
14# add a service and a receiver components.
15# version update. Add a new activity.
16# add a receiver component.
17# version update.
18# version update. Add a use feature.
19#, 20# version update.

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

Project created date: 2016-03-03

Download in play store: XXXXXXXX

Commit period: Mar 4, 2016 to Nov 1, 2017 – 1 yr. 8 months

Commit number: 57

No. of developers involved: 4 (34, 15, 9, 1)

App components: activity – 3 service – 1 receiver – provider – 2

1# add theme in an activity. Change mime type in a data element. Add a new data element.
2# add a new activity.
3# remove a data element.
4# add android:windowSoftInputMode="adjustResize" in application. Change label of an intent filter. Change labels in an activity and its intent filter.
5# remove android:windowSoftInputMode="adjustResize".
6# add android:fullBackupContent="true" in application.
7# add app name.
8# change package name. use fully qualified name in app and components.
9# change package name. change package name in app name. use shorthand in 5 activities and a service.
10# change package name. change package name in app and component names.
11# Merge activities.
12# remove label, icon, data elements from an intent filter. Add a data element in the intent filter.
13# change name of an activity.
14# add theme in an activity. Use shorthand in an activity name.
15# remove configChanges from an activity.
16# add a setting activity.
17# use shorthand in the setting activity name.
18# change label of an activity.
19# add an intent filter in an activity.
20# add three data elements in an intent filter.
21# remove an activity. Add an intent filter in an activity.

22# add seven data elements in an intent filter.
23# add a data element.
24# add two data elements.
25# remove android:fullBackupContent="true" from application. Change allowBackup to false.
26# add two data elements.
27#, 28# add a data element.
29# add about activity.
30# add four data elements.
31# add a provider component. Add an intent filter in an activity.
32# add two data elements.
33# add a data element.
34# add configChanges in an activity.
35# change launch mode to singleTop in an activity.
36# add five data elements.
37# change label of an activity.
38# add three data elements.
39# change windowSoftInputMode to adjustResize in an activity.
40# remove two activities. Move an intent filter.
41# update data elements.
42# add four data elements.
43# add two data elements.
44# add a data element.
45# change name of a provider and a service.
46# add a data element.
47# remove data elements.
48# add xmlns:tools and tools:ignore in manifest. Add android:exported="false" in a provider.
49# add configChanges in an activity.
50# change label of an activity.
51# add data elements.
52# use fully qualified name in components. Use placeholders in app label and authorities of a provider.
53# add locale in configChanges of three activities. Add a data element.
54# use variables in app icon. Use string resource in app label. Use string resource in an activity label. Add icon in an activity.
55# add data elements.
56# add tools:ignore="AppLinkUrlError" in an intent filter.
57# add a provider component.

215. <https://github.com/DecentralizedAmateurPagingNetwork/DAPNETApp>

Project created date: 2017-05-09

Download in play store: 100 - 500

Commit period: May 10, 2017 to Nov 16, 2017 – 6 months

Commit number: 7

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# change package name. change package structure in values of two meta-data.

2# formatting change.

3# remove a comma (error).

4# add a meta-data in app.

5# remove leading space in value of a meta-data.

6# add use permissions. change app icon and add round icon.

7# add a category in an intent filter. Add a meta-data in an activity. Add an intent filter in an activity.

216. <https://github.com/takke/DataStats>

Project created date: 2015-02-09

Download in play store: 5,000 - 10,000

Commit period: Feb 9, 2015 to Sep 4, 2017 – 2 yrs. 7 months

Commit number: 7

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – 1 provider –

1# remove a use permission.

2# change package name. Use fully qualified name in an activity. Change package structure of a service name.

3# add android:enabled="true" and android:exported="false" in a service.

4# add a receiver component.

5#, 6#, 7# add a use permission.

217. <https://github.com/rosenpin/DBZ-Battery-Widget>

Project created date: 2015-12-10

Download in play store:

Commit period: Apr 21, 2015 to Sep 18, 2017 – 2 yrs. 5 months

Commit number: 6

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – 1 provider –

1# formatting change.

2# change theme of an activity.

3# formatting change.

4# change package name.

5# remove a meta-data from app. Remove an activity. Change name of a service.

6# add a use permission.

218. <https://github.com/czlee/debatekeeper>

Project created date: 2013-07-27

Download in play store: 10,000 - 50,000

Commit period: Sep 18, 2016 to Sep 22, 2017 – 1 yr.

Commit number: 19

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – provider – 1

Exclusive version and uses-sdk related commit: 12

- 1# version update. Remove uses-sdk.
- 2# add a use permission.
- 3#, 4#, 5#, 6# version update.
- 7# change app theme. Add parent activity name and its meta-data in three activities.
- 8# version update.
- 9# change app icon and theme. Change an activity icon.
- 10# add a provider component.
- 11# add xmlns:tools. Add a use permission. add an intent filter in an activity.
- 12# add a use permission and a use feature.
- 13# move an intent filter to another activity.
- 14#, 15#, 16#, 17#, 18#, 19# version update.

219. <https://github.com/scheich/debDroid>

Project created date: 2013-07-13

Download in play store: XXXXXX

Commit period: Jul 16, 2013 to Feb 27, 2017 – 3 yrs. 7 months

Commit number: 4

No. of developers involved: 1

App components: activity – 3 service – receiver – 1 provider –

Exclusive version and uses-sdk related commit: 4

- 1#, 2#, 3#, 4# version update.

220. <https://github.com/lucas-tulio/decimal-clock-widget>

Project created date: 2014-09-12

Download in play store: 1,000 - 5,000

Commit period: Sep 13, 2014 to Feb 27, 2015 – 5 months

Commit number: 15

No. of developers involved: 1

App components: activity – 1 service – receiver – 2 provider –

Exclusive version and uses-sdk related commit: 9

- 1# add a receiver component.
- 2# change app icon.
- 3# version update.
- 4# add an action in an intent filter.
- 5#, 6# version update.
- 7# upgrade target sdk from 19 to 20.
- 8# version update.
- 9# add a label in a receiver. Add a receiver component.
- 10#, 11# version update.
- 12# add a setting activity.
- 13# add android:windowSoftInputMode="stateHidden" in the setting activity.
- 14# version update. Upgrade min sdk from 14 to 16.
- 15# version update.

221. <https://github.com/deltachat/deltachat-android>

Project created date: 2016-07-03

Download in play store:

Commit period: Nov 22, 2016 to Oct 22, 2017 – 11 months

Commit number: 28

No. of developers involved: 2 (26, 2)

App components: activity – 4 service – 3 receiver – 7 provider – 2

1# change package name. change package name in all the places including 5 activities and a service.

2#, 3# remove an intent filter.

4# remove an activity.

5# add a label in app.

6# add a provider component.

7# add comments.

8# comment out a receiver.

9#, 10# comment out a service component.

11# comment out a meta-data and a service.

12# comment out a service.

13# comment out use permissions.

14#, 15# remove a service component.

16# change name of a service and a receiver.

17# remove an action from an intent filter. Add a receiver component.

18# add an intent filter.

19# add a use permission.

20# revert 19#.

21# remove hardware acceleration from app and activities.

22# add android:supportsRtl="true".

23# remove manageSpaceActivity from application. Comment out manage space activity.

24# add a provider component.

25# remove a comment.

26# change name of an activity.

27# add a setting activity.

28# use shorthand in activity names.

222. <https://github.com/fenimore/DemocracyDroid>

Project created date: 2015-01-22

Download in play store: 10,000 - 50,000

Commit period: Jan 21, 2016 to Jul 17, 2017 – 1 yr. 6 months

Commit number: 22

No. of developers involved: 2 (21, 1)

App components: activity – 5 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 9

1# add use permissions. add about activity.

2# change app icon. Change icons of two activities. Change theme of an activity.

3# add version name and code.
 4# version update.
 5# add an activity.
 6# add a setting activity.
 7# change theme of an activity.
 8# add singleTop launch mode in an activity. Change label of setting activity. Add parent activity name and its meta data in setting activity.
 9# add a use permission. change theme of the setting activity. Add parent activity name and its meta-data in two activities.
 10#, 11#, 12#, 13#, 14#, 15# version update.
 16# add a new activity.
 17# remove version name and code.
 18# add configChanges in two activities.
 19# add a service component.
 20# add singleTop launch mode in an activity.
 21# change launch mode to singleTask. Add an intent filter in a service.
 22# add app name.

223. <https://github.com/Natureshadow/Zahnarztgeraeusche>

Project created date: 2015-12-07
 Download in play store:
 Commit period:
 Commit number: 0

224. <https://github.com/asnelt/derandom>

Project created date: 2015-03-12
 Download in play store: 100 - 500
 Commit period: Jan 8, 2015 to Aug 20, 2017 – 2 yrs. 7 months
 Commit number: 8
 No. of developers involved: 1
 App components: activity – 3 service – receiver – provider –
 Exclusive version and uses-sdk related commit: 3

1# version update.
 2# version update. Add a use permission.
 3# version update. Add android:windowSoftInputMode="adjustResize" in an activity.
 4# version update.
 5# version update. Add a use permission.
 6# version update. Add android:fullBackupContent in application.
 7# add xmlns:tools in manifest. Version update. Add tools:ignore="GoogleAppIndexingWarning" in application.
 8# version update.

225. <https://github.com/fenimore/devinettes-android>

Project created date: 2015-02-10

Download in play store: 100 - 500

Commit period: Feb 11, 2015 to Aug 14, 2016 – 1 yr. 6 months

Commit number: 18

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 5

1# change icons in app and activities.

2# version update.

3# change icons in app and activities.

4#, 5# version update.

6# change package name. remove version name and code. Change app theme and icon. Add supportsRtl in application. Change name of an activity. Remove two activities. Add an activity.

7# add HEAD (don't know why)

8# remove manifest file.

9# add a new manifest file.

10# add a new activity.

11# add theme in an activity.

12# remove icon from an activity.

13# add version name and code.

14# use fully qualified name in component names.

15# add singleTop launch mode in an activity.

16# remove version name and code.

17# remove launch mode from an activity.

18# add about activity.

226. <https://github.com/matejdro/PebbleDialer-Android>

Project created date: 2013-10-15

Download in play store: 100,000 - 500,000

Commit period: Dec 29, 2014 to Oct 19, 2017 – 2 yrs. 9 months

Commit number: 48

No. of developers involved: 1

App components: activity – 2 service – 2 receiver – 3 provider –

Exclusive version and uses-sdk related commit: 28

1# remove uses-sdk. Add app name. add an activity component. Add a letter n incorrectly.

2# change package structure in 3 activities.

3# version update.

4# separate a receiver into two receivers. Add two service components.

5# version update.

6# version update. Add two intent filters in a receiver. Remove two service components. Add a service and a receiver components. Add a meta-data in app.

7#, 8# version update.

9# version update. Change package structure of a receiver name.

10# version update.

11# version update. Remove an activity.

12# version update.
13# version update. Add two intent filters in a receiver.
14# version update. Change app label.
15# remove a receiver and a service components. Add a service component. Correct mistake in declaring an activity tag.
16# add use permissions.
17# change labels of two services.
18#, 19#, 20#, 21# version update.
22# add xml encoding tag. Use shorthand in a service name. add an activity and a receiver.
23# version update.
24# add use permissions.
25#, 26# version update.
27# remove an activity.
28#, 29#, 30#, 31#, 32#, 33#, 34# version update.
35# add app theme.
36# add a new activity and make it main activity. Add theme in an activity.
37# remove a service and an activity components.
38# version update.
39# change app label and icon.
40#, 41#, 42#, 43# version update.
44# add a use permission.
45# version update.
46# add a use permission.
47#, 48# version update.

227. <https://github.com/billthefarmer/diary>

Project created date: 2017-04-28

Download in play store:

Commit period: Apr 28, 2017 to Nov 18, 2017 – 6 months

Commit number: 49

No. of developers involved: 2 (48, 1)

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 19

1# add xmlns:tools, tools:ignore="GoogleAppIndexingWarning", and android:installLocation="auto" in manifest. Upgrade min sdk from 3 to 14. Add target sdk. Add tools:ignore="AllowBackup", android:allowBackup="true", and theme in application.

2# change package name.

3# change app theme.

4# formatting change.

5# version update. Change app icon.

6# add tools:ignore="OldTargetApi" in uses-sdk. Downgrade target sdk from 25 to 22.

7# add a new activity.

8# add a setting activity.

9# remove an activity.

10# version update.
11# change themes in app and an activity.
12# upgrade min sdk from 14 to 16. Add tools:replace="android:label" in application.
13#, 14# add a use permission.
15# no change.
16# version update. Remove tools:ignore="AllowBackup" from application.
17# change a comment.
18# version update.
19# formatting change.
20# remove a use permission.
21# version update.
22# remove tools:replace="android:label" from application.
23#, 24#, 25# version update.
26# add an intent filter in an activity.
27#, 28#, 29# version update.
30# add a new activity.
31# remove an icon from an activity.
32#, 33# version update.
34# add use permissions.
35# version update. Remove a use permission.
36# add a use permission.
37# version update.
38# add an intent filter in an activity.
39# version update.
40#, 41# add data elements in an intent filter.
42#, 43#, 44# version update.
45# add an intent filter in an activity.
46#, 47#, 48# version update.
49# remove an activity.

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

Project created date: 2011-11-29

Download in play store: 10,000 - 50,000

Commit period: Nov 30, 2011 to Apr 4, 2012 – 4 months

Commit number: 18

No. of developers involved: 1

App components: activity – 5 service – receiver – 1 provider –

Exclusive version and uses-sdk related commit: 8

1# remove label and main intent filter from three activities.
2# remove screen orientation from four activities.
3# add android:configChanges="orientation" in four activities.
4# version update.
5# version update. Change install location to auto.
6# add an intent filter in an activity.

7# add a new activity.
8# version update. Remove install location.
9# downgrade min sdk from 8 to 4.
10# upgrade min sdk from 4 to 7.
11# version update.
12# version update. Downgrade min sdk from 7 to 4.
13# upgrade min sdk from 4 to 7. remove an activity. add an activity.
14# add a receiver component.
15# revert 14#.
16#, 17#, 18# version update.

229. <https://github.com/javierllorente/adc>

Project created date: 2016-01-21
Download in play store: XXXXXXXX
Commit period: Feb 6, 2016 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –

1# add install location auto.

230. <https://github.com/SecUSo/privacy-friendly-dice-game>

Project created date: 2016-01-21
Download in play store: 100 - 500
Commit period: Jan 21, 2016 to Oct 16, 2017 – 1 yr. 8 months
Commit number: 12
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –

1# add about activity.
2# add portrait orientation in an activity.
3# revert 1#.
4# add supportsRtl in application. Remove screen orientation and add theme in an activity.
5# add about, help, and setting activities.
6# remove main intent filters from three activities. Change orientation to sensorPortrait in three activities.
7# remove setting activity.
8# add a new activity and make it main activity.
9# add sensorPortrait orientation in an activity.
10# change label of an activity.
11# add supports-screens.
12# change package name. use fully qualified name in components.

231. <https://github.com/SecUSo/privacy-friendly-dicer>

Project created date: 2015-08-31
Download in play store: 500 - 1,000

Commit period: Aug 31, 2015 to Nov 18, 2016 – 1 yr. 2 months

Commit number: 17

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

1# add a use permission. add portrait orientation in an activity.

2# add an activity.

3# add parent activity name in an activity.

4# change name of an activity. Add about activity.

5# add portrait orientation in about activity.

6# change app icon.

7# change app label.

8# change app label and icon.

9# change app icon.

10# change package name. use fully qualified name in activities. Add singleTop launch mode in an activity.

11# remove a use permission. add supportsRtl in application. Add shorthand in main activity. Remove screen orientation and launch mode from the main activity. Add theme in the main activity. Remove two activities.

12# add a use permission. add screen orientation and launch mode in the main activity.

13# add about and help activities.

14# add a setting activity.

15# remove main intent filter from help, about, and setting activities.

16# change app icon.

17# add a new activity and make it main activity.

232. <https://github.com/giraffine/Android-Project>

Project created date: 2013-07-23

Download in play store: 500 - 1,000

Commit period: Dec 9, 2013 to Dec 1, 2015 – 2 yrs.

Commit number: 36

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – 3 provider –

Exclusive version and uses-sdk related commit: 29

1#, 2# version update.

3# add a use permission and a boot receiver component.

4# version update.

5# version update. Add a setting activity.

6#, 7# version update.

8# add theme and an intent filter in an activity.

9#, 10# version update.

11# version update. Upgrade target sdk form 14 to 19.

12# add android:launchMode="singleInstance" in an activity.

13#, 14#, 15#, 16#, 17# version update.

18# add a use permission.

19#, 20#, 21#, 22#, 23#, 24#, 25#, 26#, 27# version update.

28# add a receiver component.

29#, 30# version update.

31# add a receiver component.

32#, 33#, 34#, 35#, 36# version update.

233. <https://github.com/zagaberoo/diode>

Project created date: 2012-03-12

Download in play store: 10,000 - 50,000

Commit period: Aug 1, 2009 to Oct 22, 2017 – 8 yrs. 1 month

Commit number: 162

No. of developers involved: 11 (124, 20, 7, 4, 2, 1, 1, 1, 1, 1, 1)

App components: activity – 13 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 105

1# version update. Add a use permission. add a category in an intent filter.

2# change package name.

3# add app theme.

4# change app theme.

5#, 6# add a new activity.

7# version update. Remove app theme.

8#, 9# version update.

10# add a new activity.

11#, 12#, 13#, 14#, 15# version update.

16# add an intent filter in an activity.

17# version update.

18#, 19# add a new activity.

20# add a service component.

21#, 22#, 23#, 24# version update.

25# add a new activity.

26# version update.

27# add copyright.

28#, 29#, 30# version update.

31# change copyright.

32#, 33# version update.

34# remove an activity.

35#, 36#, 37#, 38#, 39#, 40#, 41#, 42#, 43# version update.

44# add a new activity.

45# revert 44#.

46# change name of an activity.

47# version update.

48# add target sdk. Add empty supports-screens.

49#, 50#, 51#, 52#, 53#, 54#, 55#, 56#, 57#, 58#, 59# version update.

60# add a meta-data in app.

61# version update.

62# revert 60#.
63#, 64#, 65#, 66#, 67#, 68#, 69# version update.
70# upgrade min sdk from 3 to 4.
71# add a use permission.
72# version update.
73# add an intent filter in an activity.
74# add action, data, and category in an intent filter.
75# change name of an activity.
76# add a new activity.
77# version update.
78# add configChanges in an activity.
79# version update.
80# separate an intent filter into two intent filters.
81#, 82#, 83#, 84#, 85#, 86#, 87#, 88# version update.
89# upgrade target sdk from 4 to 7.
90# add a new activity.
91# add data elements in two intent filters. Add an intent filter in an activity.
92# version update.
93# add android:debuggable="true" in application.
94# version update.
95# revert 93#.
96#, 97#, 98#, 99# version update.
100# add a new activity.
101# version update.
102#, change package structure of 5 activities and a service.
103# change package structure in 4 activities.
104#, 105# version update.
106# add app name.
107# add a new activity.
108#, 109# version update.
110# upgrade target sdk from 7 to 10.
111#, 112# version update.
113# change package structure of an activity name.
114# version update.
115# upgrade target sdk from 10 to 15.
116# formatting change.
117# version update.
118# revert 115#.
119# version update.
120# add a use permission and a boot receiver.
121# add use permissions.
122#, 123#, 124#, 125# version update.
126# add a meta-data in app.
127# upgrade target sdk from 10 to 11.

128# version update.
129# add android:hardwareAccelerated="true" in an activity.
130# remove a data element. Add a category in an intent filter. Add an intent filter in an activity.
131# change package name.
132# change copyright.
133#, 134# version update.
135# version update and add install location auto.
136# version update.
137#, 138# add a new activity.
139# version update. Add a new activity.
140# change name of an activity.
141#, 142#, 143#, 144#, 145#, 146#, 147# version update.
148# enable hardware acceleration.
149# add a new activity.
150#, 151#, 152# version update.
153# add data elements in three intent filters.
154#, 155#, 156#, 157#, 158#, 159#, 160# version update.
161# add data elements in four intent filters.
162# version update.

234. <https://github.com/renancunha33/DiolineuxApp>

Project created date: 2015-09-10
Download in play store:
Commit period: Sep 10, 2015 to Jan 1, 2016 – 3 months
Commit number: 7
No. of developers involved: 2 (4, 3)
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# change app icon.
2# change app label.
3# remove version name and code. Remove uses-sdk.
4# change package structure in 2 activities names.
5# use string resource in labels of an activity and app. Add app theme.
6# change app theme. Remove theme from an activity.
7# change package structure in 2 activities names.

235. <https://github.com/pR0Ps/DisableBatteryWarnings>

Project created date: 2017-04-05
Download in play store:
Commit period:
Commit number: 0

236. <https://github.com/IvanVolosyuk/diskusage>

Project created date: 2015-07-13

Download in play store: 1,000,000 - 5,000,000
Commit period: Dec 12, 2016 to Oct 4, 2017 – 9 months
Commit number: 6
No. of developers involved: 1
App components: activity – 5 service – receiver – provider –
Exclusive version and uses-sdk related commit: 3

1# version update.
2# add a use permission. remove two activities.
3# version update. Upgrade min sdk from 1 to 26. Remove an intent filter from an activity. Remove two activities. Add a new activity.
4# version update.
5# add two new activities.
6# version update.

237. <https://github.com/obale/divedroid>

Project created date: 2012-04-15
Download in play store:
Commit period: Jan 7, 2011 to Feb 6, 2011 – 1 month
Commit number: 3
No. of developers involved: 1
App components: activity – 8 service – receiver – provider –

1# version update. Add a new activity.
2# add four new activities.
3# version update. Add install location auto. Upgrade min sdk from 7 to 8.

238. <https://github.com/otakuchiyan/DNSman>

Project created date: 2015-04-30
Download in play store:
Commit period: May 1, 2015 to Dec 23, 2016 – 1 yr. 7 months
Commit number: 48
No. of developers involved: 2 (47, 1)
App components: activity – 4 service – 3 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 3

1# add version name and code.
2# add use permissions.
3#, 4# version update.
5# remove version name and code. Use constant names in app and an activity label.
6# remove a use permission.
7# add theme in an activity. Add a setting activity.
8# add a new activity.
9# add a service component.
10# add parent activity name and its meta-data in two activities. Add a new service component.
11# remove a service component.
12# formatting change.

13# no changes.
14# remove a use permission.
15# change name of a service.
16# add android:windowSoftInputMode="adjustResize|stateVisible" in an activity.
17# revert 16#.
18# remove a use permission. add a use permission.
19# add a new activity.
20# add parent activity meta-data in an activity.
21# formatting changes.
22#, 23# add a service component.
24# add an activity.
25# add an action in an intent filter.
26# revert 25#.
27# add a new activity.
28# remove a service component.
29# remove five activities, two services, and a receiver. Remove app label, icon, and theme. Remove label and theme from main activity.
30# add app label.
31# add a new activity.
32# add android:windowSoftInputMode="adjustResize|stateAlwaysVisible" in an activity. Add a setting activity.
33# add a service component.
34# add an activity and a service components.
35# add a receiver component.
36# add an activity.
37# change name of a service. Add a receiver component.
38# add three meta-data in application.
39# add label and an intent filter in an activity. Use shorthand in the value of a meta-data.
40# change name of a receiver.
41# comment out a receiver component.
42# comment out three meta-data in application.
43# formatting change.
44# revert 41#. Remove enabled and exported attributes from the receiver.
45# add a use permission.
46# remove an activity and a receiver.
47# add a service component.
48# add app icon and theme.

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

Project created date: 2016-10-15

Download in play store:

Commit period: Oct 18, 2016 to Sep 27, 2017 – 11 months

Commit number: 14

No. of developers involved: 2 (13, 1)

App components: activity – 3 service – 2 receiver – 1 provider –

1# add a use permission.

2# add a use permission. add a service component.

3# add a use permission and a boot receiver component.

4# add a use permission.

5#, 6# add a new activity.

7# remove an activity.

8# change theme of an activity and add a parent activity name.

9# remove an activity.

10# remove a use permission.

11# add round icon in app.

12# add singleTop launch mode in an activity.

13# add a service component.

14# add a use permission.

240. <https://github.com/yassirh/digitalocean-swimmer>

Project created date: 2013-12-02

Download in play store: 10,000 - 50,000

Commit period: Oct 5, 2014 to Dec 26, 2016 – 2 yrs. 2 months

Commit number: 16

No. of developers involved: 1

App components: activity – 4 service – receiver – 1 provider –

Exclusive version and uses-sdk related commit: 12

1# version update. Remove uses-sdk.

2#, 3# version update.

4# add parent activity meta-data in an activity.

5#, 6#, 7#, 8#, 9# version update.

10# remove android:allowBackup="true" from application.

11# version update. Revert 10#.

12# add android:supportsRtl="false" and android:fullBackupContent="true" in application.

13#, 14#, 15#, 16# version update.

241. <https://github.com/PrivacyApps/document-viewer>

Project created date: 2013-07-03

Download in play store: 500,000 - 1,000,000

Commit period: Feb 12, 2014 to Oct 28, 2017 – 2 yrs. 8 months

Commit number: 23

No. of developers involved: 6(11, 8, 1, 1, 1, 1)

App components: activity – 9 service – receiver – provider – 1

Exclusive version and uses-sdk related commit: 16

1# version update.

2# add app theme.

3#, 4# version update.

5# add data elements in three intent filters.

6#, 7# version update.
8# upgrade target sdk from 19 to 22.
9# version update.
10# add a meta-data in app. Add a category in an intent filter.
11# version update.
12# add a parent activity name and its meta-data in an activity.
13# add a provider component.
14# change exported to false in a provider and add android:grantUriPermissions="true".
15#, 16#, 17#, 18# version update.
19# add themes in three activities. Change themes in two activities.
20# remove uses-sdk.
21#, 22#, 23# version update.

242. <https://github.com/quaap/DodaTheExploda>

Project created date: 2017-03-24
Download in play store:
Commit period: Mar 12, 2017 to Jul 1, 2017 – 4 months
Commit number: 7
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –
Exclusive version and uses-sdk related commit: 2

1# add a new activity and make it main activity.
2# remove round icon from app.
3# add version name and code.
4# add a new activity and make it main activity.
5# add about activity.
6# change package name.
7# version update.

243. <https://github.com/dolphin-emu/dolphin>

Project created date: 2013-07-22
Download in play store: XXXXXXXX
Commit period: May 3, 2015 to Oct 26, 2016 – 1 yr. 5 months
Commit number: 24
No. of developers involved: 2 (23, 1)
App components: activity – 5 service – 1 receiver – provider – 1

1# remove xml encoding tag. Remove version name and code. Remove install location. Remove uses-sdk. Remove a use feature.
2# remove app label. Add a new activity.
3# change theme in an activity. Add a new activity.
4# formatting change.
5# use string resource in an activity label.
6# change package structure of a service name.
7# change theme in an activity. Add a setting activity. Add a service component.

8# use shorthand in activities names. Add a provide component.
9# add a new activity.
10# add a category in an intent filter.
11# add use features. Add banner in application.
12# add a use feature. Add isGame="true" in application.
13# add app label. Remove label from an activity. Remove five activities.
14# add a new activity.
15# change theme in an activity.
16# change name of an activity.
17# remove a category from an intent filter. Add a new activity.
18# add app name.
19#, 20# change package structure of an activity name.
21# change package structure of an activity. Remove a service component.
22#, 23# change label of an activity.
24# remove an activity.

244. <https://github.com/domogik/domodroid>

Project created date: 2013-06-21

Download in play store: 1,000 – 5,000

Commit period: Dec 15, 2015 to Jul 19, 2017 – 1 yr. 7 months

Commit number: 42

No. of developers involved: 1

App components: activity – 9 service – 2 receiver – 1 provider – 1

Exclusive version and uses-sdk related commit: 16

1# remove class attribute from a service.

2# revert 1#.

3# add target sdk.

4# revert 3#.

5#, 6#, 7# version update.

8# remove a use permission.

9#, 10#, 11#, 12# version update.

13# change themes in 6 activities.

14# formatting change.

15#, 16#, 17#, 18#, 19# version update.

20# add a new activity.

21# revert 20#.

22# add a new activity.

23# add app name.

24# change app name.

25# change package structure of app name.

26# change app name.

27#, 28# version update.

29# formatting change.

30# remove version name and code. Remove uses-sdk. Add a receiver component.

31# add android:debuggable="false" in application.
32# add a receiver and an activity component.
33# change name of a receiver. Change resource in a meta-data of the receiver.
34# add a new activity.
35# revert 32#.
36# add a new activity and a service.
37#, 38# add a use permission.
39# revert 31#.
40# add a receiver and an activity component.
41# revert 40#.
42# change theme in an activity.

245. https://github.com/dbravender/korean_conjugation

Project created date: 2008-07-26
Download in play store: 10,000 - 50,000
Commit period: Nov 5, 2010 to Aug 28, 2015 – 4 yrs. 9 months
Commit number: 10
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 8

1# add uses-sdk.
2#, 3# version update.
4# version update. Add configChanges in an activity.
5#, 6# version update.
7# add a new activity.
8# version update.
9# upgrade min sdk from 2 to 3 and target sdk from 2 to 8.
10# version update.

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

Project created date: 2015-05-05
Download in play store: 10,000 - 50,000
Commit period: Jan 9, 2012 to Dec 17, 2015 – 3 yrs. 11 months
Commit number: 32
No. of developers involved: 1
App components: activity – 1 service – 1 receiver – provider –
Exclusive version and uses-sdk related commit: 23

1# remove app icon. Add a service component.
2# add a use permission.
3# change package name. change name of a service.
4# version update. Add app icon.
5# version update.
6# version update. Downgrade min sdk from 10 to 8.
7# downgrade min sdk from 8 to 4.

8#, 9#, 10# version update.
11# add a setting activity.
12# change name of the setting activity.
13#, 14#, 15#, 16#, 17#, 18# version update.
19# version update. Add target sdk. Remove a use permission. add allowBackup="true".
20# version update. Upgrade min sdk from 4 to 8. Upgrade target sdk from 4 to 8.
21# version update.
22# upgrade target sdk from 8 to 22.
23# version update. Upgrade target sdk from 22 to 23.
24# downgrade min sdk from 8 to 4. Add android:installLocation="internalOnly" in application.
Change label of an activity. Add theme and main intent filter in the activity.
25# remove the main intent filter.
26# upgrade min sdk from 4 to 11.
27# revert 26#.
28#, 29#, 30# version update.
31# upgrade min sdk from 4 to 8.
32# version update.

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

Project created date: 2016-02-14

Download in play store: 100,000 - 500,000

Commit period: Feb 16, 2016 to Nov 8, 2017 – 1 yr. 8 months

Commit number: 25

No. of developers involved: 2 (24, 1)

App components: activity – 6 service – receiver – provider – 1

1# add portrait orientation in an activity.
2# change package name. use fully qualified name in the main activity.
3# add a provider component.
4# add a use permission.
5# use shorthand in the main activity. Add about activity.
6# add license activity.
7# change app icon.
8# change package structure in 3 activities names.
9# remove screen orientation from two activities.
10# add parent activity name in two activities. Add a setting activity.
11# change app label.
12# remove screen orientation and add configChanges with orientation in an activity.
13# formatting change.
14# use fully qualified name in two activities.
15# change app icon.
16# add a new activity.
17# add a new activity and make it main activity.
18# remove supportsRtl.
19# add an intent filter in an activity.

20# add round icon in app.
21#, 22#, 23# add an intent filter in an activity.
24# add xmlns:tools. Add a use permission.
25# replace package name with a placeholder in authorities of a provider. Change resource of a meta-data in the provider.

248. <https://github.com/amasciul/Drinks>

Project created date: 2013-10-22

Download in play store: 500 - 1,000

Commit period: Mar 22, 2016 to Sep 25, 2017 – 1 yr. 6 months

Commit number: 17

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

1# change package structure of an activity name.
2# add a use permission.
3# add android:supportsRtl="false" in application.
4# add app name.
5# add singleTop launch mode in an activity. Add a new activity.
6# change package structure in 2 activities.
7# add theme in an activity.
8#, 9# change theme of an activity.
10# change app theme.
11# add android:fullBackupContent="true" in application.
12# add a new activity.
13# add about activity.
14# change app theme. Add theme in an activity. Add a license activity
15# add a use permission.
16# change theme of an activity.
17# change package structure of an activity name.

249. <https://github.com/rastating/DroidBeard>

Project created date: 2014-08-09

Download in play store: 10,000 - 50,000

Commit period: Aug 18, 2014 to May 23, 2016 – 1 yr. 9 months

Commit number: 10

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

1# add use permissions.
2# formatting change.
3# add configChanges in an activity.
4# add a new activity.
5# add app name.
6# add copyright.
7# add about activity.

- 8# add a new activity.
- 9# change copyright.
- 10# change label of an activity.

250. <https://github.com/peterosterlund2/droidfish>

Project created date: 2015-03-13

Download in play store: 500,000 - 1,000,000

Commit period: Nov 21, 2011 to Sep 30, 2017 – 5 yrs. 10 months

Commit number: 67

No. of developers involved: 1

App components: activity – 9 service – receiver – provider – 1

Exclusive version and uses-sdk related commit: 41

1# version update.

2# add keyboardHidden in configChanges of an activity. Remove two activities.

3# replace string constant with string resources in labels of activities.

4# formatting change.

5# replace string constant with string resource in label of an activity.

6#, 7# version update.

8# remove a use permission.

9# version update.

10# formatting change.

11# version update.

12# remove android:debuggable="false" from application.

13# add a use permission.

14#, 15#, 16#, 17# version update.

18# add a use permission.

19#, 20# version update.

21# add android:allowBackup="true" in application.

22#, 23#, 24# add an intent filter in an activity.

25# version update.

26# add a new activity.

27#, 28#, 29#, 30#, 31# version update.

32# add an intent filter in an activity.

33# version update.

34# upgrade min sdk from 3 to 4.

35# version update.

36# add a new activity.

37# version update.

38# version update. Upgrade min sdk from 4 to 9.

39#, 40# version update.

41# remove a use permission. upgrade min sdk from 9 to 15 and target sdk from 10 to 15.

42# add screenSize in configChanges of activities.

43# remove a label from an activity.

44# add screenSize in configChanges of an activity.

45# upgrade min sdk and target sdk from 15 to 16.
46# downgrade min sdk from 16 to 11. Upgrade target sdk from 16 to 23.
47# add app theme.
48# add theme in an activity.
49# version update.
50# change app icon.
51#, 52#, 53#, 54#, 55# version update.
56# add app name.
57# add a provider component.
58#, 59#, 60#, 61# version update.
62# upgrade target sdk from 23 to 24. Add android:resizeableActivity="true" in application. Add keyboardHidden|screenLayout|smallestScreenSize in configChanges of activities. Add two meta-data in app.
63#, 64#, 65# version update.
66# upgrade min sdk from 11 to 14.
67# version update.

251. <https://github.com/IltGuillaume/DroidShows>

Project created date: 2015-07-28

Download in play store:

Commit period: Aug 27, 2010 to Oct 17, 2017 – 7 yrs. 1 month

Commit number: 114

No. of developers involved: 3 (102, 10, 3)

App components: activity – 6 service – receiver – provider –

Exclusive version and uses-sdk related commit: 98

1# add configChanges in three activities.

2#, 3#, 4# version update.

5# add a use permission.

6#, 7# version update.

8# remove a use permission.

9#, 10#, 11# version update.

12# no changes.

13# add singleTop launch mode in an activity.

14# version update.

15# formatting change.

16# version update. Upgrade min sdk from 4 to 9 and target sdk from 4 to 11. Add allowBackup="true" in app.

17#, 18#, 19# version update.

20# version update. Remove an activity.

21# version update.

22# version update. Add a use permission.

23# - 33# version update.

34# version update. Add app theme.

35# - 43# version update.

44# version update. Remove an activity.
45# - 50# version update.
51# version update. Add a use permission.
52# version update.
53# change package name. version update. Change name of an activity.
54#, 55# version update.
56# formatting change.
57# - 63# version update.
64# version update. Change resource value of a meta-data in an activity.
65# - 100# version update.
101# formatting change.
102# - 114# version update.

252. <https://github.com/yashima/droidweight>

Project created date: 2015-03-13
Download in play store: 50,000 - 100,000
Commit period: Aug 14, 2011 to Jan 11, 2013 – 1 yr. 5 months
Commit number: 17
No. of developers involved: 2 (16, 1)
App components: activity – 11 service – 1 receiver – 2 provider –
Exclusive version and uses-sdk related commit: 9

1# change debuggable to false.
2# add a new activity.
3# version update. Add max and target sdk. Remove debuggable and add
android:allowBackup="true".
4# version update.
5# downgrade target sdk from 17 to 13.
6#, 7# version update.
8# downgrade target sdk from 13 to 7.
9# change name of an activity.
10# add a new activity.
11#, 12#, 13# version update.
14# change name of two activities.
15# add a new activity and make it main activity.
16# version update.
17# formatting change.

253. <https://github.com/alkom/droidzebra>

Project created date: 2015-03-22
Download in play store: 50,000 - 100,000
Commit period: Apr 3, 2010 to Aug 18, 2015 – 5 yrs. 4 months
Commit number: 25
No. of developers involved: 3 (14, 9, 2)
App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 15

- 1# add app icon.
- 2# add a use permission.
- 3# version update. Add android:debuggable="false" in application. Add android:multiprocess="false" android:launchMode="singleTask" in an activity.
- 4# downgrade min sdk from 7 to 4.
- 5#, 6# version update.
- 7# add portrait orientation in an activity.
- 8# version update.
- 9# version update. Add install location auto.
- 10# add android:multiprocess="false" android:launchMode="standard" in an activity.
- 11# add a use feature.
- 12#, 13#, 14# version update.
- 15# version update. Remove android:debuggable="false". Use shorthand in an activity name. change constant string to string resource in label of an activity. Add android:stateNotNeeded="true" android:noHistory="false" android:allowTaskReparenting="false" in an activity.
- 16# add target sdk.
- 17#, 18#, 19# version update.
- 20# version update. Upgrade target sdk from 10 to 19. Add android:allowBackup="true" in app.
- 21#, 22#, 23#, 24# version update.
- 25# version update. Upgrade target sdk from 19 to 22. Add app theme.

254. <https://github.com/tube42/drumon>

Project created date: 2014-11-16

Download in play store: XXXXXXXX

Commit period: Nov 18, 2014 to Jun 7, 2016 – 1 yr. 6 months

Commit number: 20

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 17

- 1# version update. Upgrade min sdk from 10 to 15. Remove theme from an activity.
- 2#, 3#, 4#, 5#, 6#, 7#, 8# version update.
- 9# version update. Change labels in app and an activity.
- 10#, 11#, 12#, 13# version update.
- 14# remove screen orientation and add configChanges in an activity.
- 15#, 16#, 17#, 18#, 19# version update.
- 20# version update. Upgrade target sdk from 19 to 21.

255. <https://github.com/ciubex/dscautorename>

Project created date: 2015-03-25

Download in play store: 10,000 - 50,000

Commit period: Apr 7, 2014 to Nov 13, 2017 – 3 yrs. 7 months

Commit number: 85

No. of developers involved: 2 (83, 2)

App components: activity – 3 service – 5 receiver – 4 provider – 1

Exclusive version and uses-sdk related commit: 66

1# version update.

2# version update. Add action and data elements in an intent filter.

3# version update.

4# version update. Add use permissions. add a receiver and a service components. Remove android:permission attribute from a receiver.

5#, 6#, 7#, 8#, 9#, 10# version update.

11# version update. Remove a use permission and add two use permissions. add an activity and two receivers. Add android:permission attribute in two receivers.

12#, 13#, 14#, 15# version update.

16# version update. Add a use permission.

17# version update. Add a provider component.

18# version update. Add a meta-data in a provider.

19#, 20#, 21# version update.

22# version update. Upgrade target sdk from 17 to 22. Remove android:grantUriPermissions="true" from application. Change package structure of a provider name.

23#, 24#, 25#, 26#, 27#, 28#, 29#, 30# version update.

31# version update. Add a service component.

32#, 33#, 34#, 35#, 36#, 37#, 38#, 39# version update.

40# version update. Upgrade target sdk from 22 to 23.

41# version update.

42# version update. Downgrade target sdk from 23 to 22.

43# version update. Upgrade target sdk from 22 to 23.

44#, 45#, 46#, 47#, 48#, 49#, 50# version update.

51# version update. Add a meta-data. Add android:backupAgent and android:fullBackupContent in application.

52# version update. Move the meta-data inside application.

53#, 54#, 55#, 56#, 57#, 58# version update.

59# version update. Change app theme.

60#, 61#, 62#, 63# version update.

64# version update. Add two intent filters in an activity.

65# version update.

66# version update. Add task affinity in three activities. Add excludeFromRecents="true" in an activity.

67#, 68#, 69#, 70#, 71#, 72#, 73#, 74# version update.

75# version update. Add a new service. Change package structure of a service name.

76# version update.

77# version update. Add a service component.

78#, 79#, 80#, 81# version update.

82# remove version name and code. Remove uses-sdk. Add a service component.

83# add a use permission.

84# change exported to true in a provider.

85# add android:supportsRtl="true" in application.

256. <https://github.com/daneren2005/Subsonic>

Project created date: 2012-07-03

Download in play store: 10,000 - 50,000

Commit period: May 9, 2015 to Oct 23, 2016 – 1 yr. 5 months

Commit number: 31

No. of developers involved: 1

App components: activity – 5 service – 9 receiver – 9 provider – 5

Exclusive version and uses-sdk related commit: 24

1# version update.

2# version update. Upgrade min sdk from 9 to 14.

3# version update.

4# upgrade target sdk from 19 to 22.

5# remove an activity component.

6#, 7#, 8#, 9#, 10#, 11# version update.

12# add a service component. Add two meta-data in app.

13#, 14#, 15#, 16#, 17#, 18#, 19#, 20#, 21#, 22#, 23#, 24#, 25#, 26# version update.

27# remove version name and code. Remove uses-sdk. Add a use feature.

28# change launch mode to singleTask in an activity.

29# remove maxSdkVersion from use permissions.

30# add a use permission.

31# add use features.

257. <https://github.com/mobimentum/dualsimreminder>

Project created date: 2014-09-22

Download in play store: 10,000 - 50,000

Commit period: May 31, 2016 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – 2 provider –

1# add use permissions.

258. <https://github.com/johanhil/ddg-android>

Project created date: 2010-06-03

Download in play store:

Commit period: Jun 4, 2010 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 3 service – receiver – provider – 1

Exclusive version and uses-sdk related commit: 1

1# add version name and code.

259. <https://github.com/duckduckgo/android-search-and-stories>

Project created date: 2013-08-20

Download in play store: 1,000,000 - 5,000,000

Commit period: Feb 4, 2012 to Aug 15, 2017 – 5 yrs. 7 months

Commit number: 124

No. of developers involved: 11 (48, 47, 8, 7, 6, 3, 1, 1, 1, 1, 1)

App components: activity – 2 service – receiver – 2 provider – 1

Exclusive version and uses-sdk related commit: 64

1# version update. Add uses-sdk and a use permission. change app label and icon. Remove an activity. Add an activity.

2# add app theme.

3# formatting change.

4# add a use permission. Add app name. Add windowSoftInputMode="stateHidden" in an activity.

5# enable hardware acceleration.

6# add a receiver component.

7# change package structure in an activity name. Add an activity component.

8# add portrait orientation in an activity.

9# add a new activity.

10# revert 8#.

11# change app theme.

12# add a new activity.

13# add a provider component.

14# add an action in an intent filter. Add a meta-data in an activity.

15# add configChanges in an activity.

16# add target sdk.

17# add keyboard|keyboardHidden in configChanges in an activity.

18# add a receiver component.

19#, 20# version update.

21# version update. Upgrade target sdk from 14 to 16.

22# version update. Upgrade target sdk from 16 to 17.

23# version update. Change name of a receiver. Add a new receiver.

24# version update.

25# change app theme.

26# remove an action from an intent filter.

27# revert 26#.

28#, 29# version update.

30# add an action in two intent filters of two receivers.

31#, 32# version update.

33# add singleInstance launch mode in an activity.

34#, 35#, 36#, 37#, 38#, 39#, 40# version update.

41# add three intent filters in an activity.

42#, 43# version update.

44# revert 41#.

45#, 46# version update.

47# split an intent filter into two.

48#, 49# version update.

50# add an action and a category elements in an intent filter.
51# add an action element in an intent filter.
52#, 53#, 54#, 55#, 56#, 57#, 58#, 59# version update.
60# add a new activity.
61# add a service component.
62#, 63#, 64#, 65#, 66# version update.
67# change launch mode to singleTop.
68#, 69#, 70#, 71#, 72#, 73# version update.
74# add a use permission.
75# add a meta-data in app. Add a new activity.
76# version update. Remove an activity.
77#, 78# version update.
79# upgrade target sdk from 17 to 19.
80# upgrade target sdk from 19 to 21.
81# change app theme.
82# version update.
83# add an intent filter in an activity.
84# change app theme.
85#, 86#, 87# add a new activity.
88# add an intent filter and remove an intent filter from an activity. Remove an action from an intent filter. Remove an activity.
89# remove an intent filter.
90# add two new activities. Remove a receiver.
91# add a receiver.
92# remove two receivers and add a receiver.
93# version update. Remove an activity.
94#, 95# version update.
96# upgrade target sdk from 21 to 22. Remove five activities.
97#, 98#, 99#, 100#, 101# version update.
102# add install location auto.
103# version update.
104# add an intent filter in an activity.
105# remove an intent filter. Remove a category from an intent filter.
106# upgrade target sdk from 22 to 23.
107# correct theme in an activity.
108#, 109# version update.
110# version update. Remove two intent filters from an activity. Remove a service component.
111# version update.
112# add a meta-data in an activity.
113#, 114#, 115# version update.
116# add an intent filter in an activity.
117# add a new activity.
118# change app theme.

119# add a use permission. add an intent filter in an activity. Add sensorPortrait orientation in an activity.

120#, 121#, 122# version update.

123# remove version name and code. Remove uses-sdk. Remove an activity.

124# remove an activity.

260. <https://github.com/yeriomin/DumbphoneAssistant>

Project created date: 2016-01-12

Download in play store:

Commit period: Jan 13, 2016 to Jul 21, 2016 – 6 months

Commit number: 3

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# add android:allowBackup="false" in application.

2# add a new activity.

3# remove app theme.

261. <https://github.com/fralik/Duorem>

Project created date: 2017-04-20

Download in play store:

Commit period: May 2, 2017 – 1 day

Commit number: 4

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# add android:installLocation="preferExternal" in manifest.

2# change install location to auto.

3# change package name. change package name in 3 activities.

262. <https://github.com/quaddy-services/DynamicNightLight>

Project created date: 2014-01-06

Download in play store: 5,000 - 10,000

Commit period: Jan 24, 2017 to Jan 28, 2017 – 4 days

Commit number: 3

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# add version name and code. Add a setting activity.

2# remove version name and code.

3# change theme in an activity.

263. <https://github.com/shymmq/librus-client-kotlin>

Project created date: 2017-06-29

Download in play store: 5,000 - 10,000

Commit period: Jul 1, 2017 to Sep 3, 2017 – 2 months

Commit number: 9

No. of developers involved: 2 (8, 1)

App components: activity – 3 service – 1 receiver – 1 provider –

1# add a meta-data in application.

2# add use permissions. add app name. change package structure in an activity name. add a new activity.

3# add theme and android:windowSoftInputMode="adjustResize" in two activities.

4# change themes in two activities.

5# remove themes from two activities.

6# add a receiver and three service components.

7# remove round icon from app.

8# add about activity.

9# remove two service components.

264. <https://github.com/pklinken/Earmouse>

Project created date: 2014-10-21

Download in play store: 500 - 1,000

Commit period: Nov 26, 2015 to Jun 25, 2016 – 7 months

Commit number: 6

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# version update.

2# version update. Add use permissions. use shorthand in activities names. Add a setting activity.

3# version update. Remove use permissions.

4#, 5#, 6# version update.

265. <https://github.com/renyuneyun/Easer>

Project created date: 2016-03-06

Download in play store:

Commit period: Apr 2, 2017 to Nov 18, 2017 – 7 months

Commit number: 16

No. of developers involved: 1

App components: activity – 6 service – 3 receiver – 1 provider –

1# add a use permission.

2# add app name.

3# add a setting activity and a receiver.

4# add use permissions.

5# add two new activities.

6# add a use permission.

7# add use permissions.

8# add a use permission.

9# change package structure in two activities names.

10#, 11#, 12# add a use permission.

- 13# add use permissions.
- 14# add a use permission.
- 15# add a use permission. add a new service component.
- 16# add a new activity component.

266. https://github.com/T-Rex96/Easy_xkcd

Project created date: 2015-07-23

Download in play store: 10,000 - 50,000

Commit period: Jul 23, 2015 to May 6, 2016 – 9 months

Commit number: 30

No. of developers involved: 1

App components: activity – 8 service – 3 receiver – 4 provider – 1

- 1# add copyright. Remove a use permission.
- 2# formatting change.
- 3# add an intent filter in an activity. Add a new activity.
- 4# add install location auto.
- 5# add a service and two receiver components.
- 6# add an intent filter in an activity. Add a new activity.
- 7# add a data element in an intent filter.
- 8# add singleTop launch mode in an activity.
- 9# add an intent filter in an activity.
- 10# add data elements in two intent filters.
- 11# add a use permission. add a new activity.
- 12# remove a meta-data from an activity.
- 13# change package name of a use permission.
- 14# add a new activity.
- 15# change package structure in an activity name.
- 16#, change package structure in 6 activities, a service, and a receiver.
- 17#, 18#, 19#, 20# change package structure in 7 activities.
- 21# change package structure in a value of a meta-data.
- 22# add a use permission.
- 23# add xmlns:tools. Add tools:replace="android:theme" in application. Add a new activity.
- 24# add a new activity.
- 25# change app icon.
- 26# remove an activity. Add two service components.
- 27# remove an activity. Add a new activity.
- 28# add a provider component.
- 29# change app theme.
- 30# add two receiver components.

267. <https://github.com/Alkarex/EasyRSS>

Project created date: 2014-02-23

Download in play store:

Commit period: Jan 8, 2013 to Jul 22, 2017 – 4 yrs. 6 months

Commit number: 12

No. of developers involved: 2 (7, 5)

App components: activity – 1 service – receiver – 2 provider – 1

Exclusive version and uses-sdk related commit: 7

1#, 2#, 3# version update.

4# version update. Upgrade target sdk from 16 to 21. Add android:allowBackup="true" in application.

Add android:exported="false" in a provider.

5# downgrade target sdk from 21 to 17.

6# remove use permissions.

7# remove comments.

8# remove a use permission.

9# change package name. change package name in an activity, a provider, and two receivers.

10#, 11#, 12# version update.

268. <https://github.com/mafik/echo>

Project created date: 2014-10-29

Download in play store: 10,000 - 50,000

Commit period: Dec 20, 2016 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 2 service – 2 receiver – 1 provider –

1# version update. Add internalOnly install location.

269. <https://github.com/billthefarmer/editor>

Project created date: 2017-07-08

Download in play store: XXXXXXXX

Commit period: Jul 9, 2017 to Nov 18, 2017 – 4 months

Commit number: 13

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 11

1# add main intent filter in an activity.

2#, 3#, 4#, 5#, 6#, 7# version update.

8# add an action in an intent filter.

9#, 10#, 11#, 12#, 13# version update.

270. <https://github.com/Mylgel/EH17Fahrplan>

Project created date: 2017-04-11

Download in play store:

Commit period: Oct 24, 2014 to Dec 23, 2016 – 2 yrs. 2 months

Commit number: 13

No. of developers involved: 3 (8, 3, 2)

App components: activity – 7 service – 1 receiver – 3 provider –

Exclusive version and uses-sdk related commit: 1

- 1# formatting change.
- 2# move version and uses-sdk to gradle.
- 3# add a new activity.
- 4# remove app logo.
- 5# change name and label of an activity.
- 6#, 7#, 8# add theme in an activity.
- 9# add a new activity.
- 10# add singleTop launch mode in an activity.
- 11# change app icon.
- 12# change package name. change package name in app, 6 activities, 3 receivers, and a service.
- 13# add a new activity.

271. <https://github.com/ultramega/elementary>

Project created date: 2012-06-24
Download in play store: 1,000 - 5,000
Commit period: Sep 22, 2015 to Jan 16, 2017 – 1 yr. 3 months
Commit number: 13
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

- 1# move version and uses-sdk to gradle.
- 2# formatting change.
- 3# change theme in an activity.
- 4# add android:configChanges="orientation" in an activity.
- 5# remove themes from app and an activity.
- 6# change copyright.
- 7# change allowBackup to false.
- 8# add an intent filter in an activity.
- 9# remove a use permission.
- 10# add app name. remove a provider component.
- 11# change name and label of an activity.
- 12# add android:supportsRtl="false" in application.
- 13# change copyright.

272. <https://github.com/m0ppers/ElpeEfpeAndroid>

Project created date: 2016-07-03
Download in play store:
Commit period: Jul 5, 2016 – 1 day
Commit number: 2
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –

- 1# add a new activity.
- 2# add android:fullBackupContent="true" in application.

273. <https://github.com/HenriDellal/emerald>

Project created date: 2017-09-15

Download in play store: 100 - 500

Commit period: Sep 23, 2017 to Nov 18, 2017 – 1 month

Commit number: 12

No. of developers involved: 1

App components: activity – 5 service – receiver – 1 provider –

Exclusive version and uses-sdk related commit: 9

1#, 2#, 3#, 4# version update.

5# add android:windowSoftInputMode="stateAlwaysHidden|adjustResize" in an activity.

6#, 7#, 8# version update.

9# version update. Upgrade target sdk from 21 to 26. Add android:appCategory="productivity" in application. Add android:resizeableActivity="false" in an activity.

10# version update.

11# add a new activity.

12# version update.

274. <https://github.com/subchannel13/EnchantedFortress>

Project created date: 2017-05-21

Download in play store:

Commit period: Sep 5, 2017 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# add round icon in app.

275. <https://github.com/hypeapps/Endoscope>

Project created date: 2016-07-04

Download in play store: 10,000 - 50,000

Commit period: Jul 6, 2016 to Mar 11, 2017 – 8 months

Commit number: 10

No. of developers involved: 1

App components: activity – 7 service – 1 receiver – provider –

1# add themes in two activities.

2# formatting change.

3# add a use permission and a use feature. Add a new activity.

4# add singleTask launch mode and an intent filter in an activity. Remove an activity.

5# change required to false in a use feature. Change themes in 3 activities. Remove an activity. Add two new activities.

6# add a use permission.

7# add configChanges in an activity.

8# change package name. add fully qualified name in components.

9# add required="true" in two use features. Add singleInstance launch mode in an activity.

10# add portrait orientation in 7 activities. Change package structure of four activities names and remove launch mode from an activity.

276. <https://github.com/vanitasvitae/EnigmAndroid>

Project created date: 2015-02-04

Download in play store:

Commit period: Feb 6, 2015 to May 6, 2017 – 2 yrs. 3 months

Commit number: 11

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 4

1#, 2#, 3# version update.

4# move version in gradle.

5# add a setting activity.

6# add an intent filter in an activity.

7# add configChanges in an activity.

8# revert 7#.

9# add android:fullBackupContent="false" in application.

10#, 11# formatting changes.

277. <https://github.com/Nutomic/ensichat>

Project created date: 2014-10-03

Download in play store: 500 - 1,000

Commit period: Oct 19, 2015 to Sep 19, 2016 – 11 months

Commit number: 6

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – 1 provider –

1# change package structure of a service name.

2# add a use permission and a boot receiver component.

3# add use permissions. change app name. add a receiver component.

4# change required value to false in a use feature.

5# remove a receiver component.

6# add a use permission.

278. <https://github.com/pROPs/Entrust-IdentityGuard-Unblocker>

Project created date: 2014-10-07

Download in play store:

Commit period: Jan 6, 2016 to Mar 29, 2017 – 1 yr. 2 months

Commit number: 2

No. of developers involved: 1

App components: activity – service – receiver – provider –

1# change app icon.

2# replace constant string with string resource in app label. Change value of a meta-data.

279. <https://github.com/mannd/epmobile>

Project created date: 2011-08-16

Download in play store: 50,000 - 100,000

Commit period: Nov 16, 2014 to Oct 1, 2017 – 2 yrs. 10 months

Commit number: 21

No. of developers involved: 1

App components: activity – 77 service – receiver – provider –

1# add a new activity.

2# remove xmlns:tools. Move version and uses-sdk to gradle.

3#, 4# add a new activity.

5# add two new activities.

6# add a use permission. add a new activity. Remove two activities.

7# remove an activity. Add a new activity.

8# change app icon.

9# add a new activity.

10# remove an activity.

11# add xmlns:tools. Add tools:ignore="UnusedAttribute" in application.

12#, 13#, 14#, 15#, 16#, 17#, 18#, 19#, 20#, 21# add a new activity.

280. <https://github.com/jamienicol/episodes>

Project created date: 2012-12-12

Download in play store: 1,000 - 5,000

Commit period: Dec 15, 2014 to Jun 29, 2015 – 6 months

Commit number: 8

No. of developers involved: 1

App components: activity – 8 service – 3 receiver – 2 provider – 1

Exclusive version and uses-sdk related commit: 1

1# move version and uses-sdk to gradle.

2#, 3# add a use permission.

4#, 5# change app theme.

6# add theme in an activity.

7# replace package name with a placeholder in authorities of a provider.

8# change app icon.

281. <https://github.com/EvanRespaut/Equate>

Project created date: 2014-04-25

Download in play store: 10,000 - 50,000

Commit period: Oct 25, 2015 to Aug 28, 2017 – 1 yrs. 10 months

Commit number: 10

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 8

1# version update.

2# add a meta-data in app.

3#, 4# version update.

5# remove uses-sdk.

6# change app theme. Use shorthand in an activity name. add theme in the activity. Add a setting activity.

7#, 8#, 9#, 10# version update.

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

Project created date: 2015-09-04

Download in play store: 10,000 - 50,000

Commit period: Dec 18, 2008 to Sep 3, 2017 – 8 yrs. 8 months

Commit number: 122

No. of developers involved: 28 (27, 19, 12, 9, 9, 8, 8, 5, 4, 3*2, 15*1)

App components: activity – 14 service – 6 receiver – 4 provider –

Exclusive version and uses-sdk related commit: 18

1# add a use permission.

2# add themes in three activities. Change themes in three activities. Add a receiver component.

3# add android:sharedUserLabel in manifest.

4# add exported="true" in an activity. Remove a receiver component.

5# revert 4#.

6# remove manifest file.

7# add manifest file.

8# change themes in three activities.

9# add a service component.

10# change themes in three activities.

11# change theme in an activity.

12# add android:clearTaskOnLaunch="true" in an activity.

13# add a new activity.

14# add a use permission.

15# add a use permission. change theme of an activity.

16# change label of an activity.

17# revert 12#.

18# change theme of an activity.

19# merge two intent filters of a receiver. Add an action element and remove a data element.

20# add <original-package android:name="com.android.calendar" /> tag after manifest.

21# revert 20#. Remove sharedUserId. Add a use permission.

22# add an intent filter in an activity.

23# add a data element in an intent filter.

24# change name of an activity.

25# add a service component.

26# add two receivers and a service component.

27# add a new activity.

28# change theme of an activity.

29# add a new activity. Add a meta-data in app.

30# change an activity to activity alias and remove theme. Remove an intent filter and label from an activity.

31# use fully qualified name in value of a meta-data.

32# remove four activities.

33# change package structure in two receivers and a service names.

34# use shorthand in component names. Change package structure of an activity, a receiver, and two services.

35# add android:exported="true" in a service component.

36# change themes in two activities.

37# add a provider component.

38# change theme of an activity.

39# remove an activity. Move an intent filter from the activity to activity alias.

40# change name of an activity.

41# add a use permission.

42# add theme in an activity.

43# remove a uses-library.

44# add android:hardwareAccelerated="false".

45# add an activity and an activity alias. Move an intent filter from another activity alias to new alias.

46# enable hardware acceleration.

47# revert 46#.

48# enable hardware acceleration.

49# change app icon.

50# add android:backupAgent in application. Add a meta-data in app.

51# remove an activity. Add an intent filter in an activity alias.

52# change exported to false in a service and add android:permission in the service.

53#, 54# change theme of an activity.

55# add singleTop launch mode in an activity.

56# change app icon.

57# remove a receiver component.

58# formatting change.

59# add a new activity.

60# add actions in two intent filters.

61# remove an activity. Add two new activities.

62# move intent filters from an activity alias to an activity.

63# add a receiver component.

64# add a data element in an intent filter.

65# add android:windowSoftInputMode="adjustPan" in an activity.

66# set exported="true" in two activities and two activity alias. Change theme of an activity and add priority in an intent filter of the activity. Add exported="false" in an activity.

67# add a use permission.

68# add an action in an intent filter.

69# add android:windowSoftInputMode="stateAlwaysHidden" in an activity.

70# change launch mode to singleTask in an activity.

71# add a category in an intent filter.

72# remove an activity.
73# add uses-sdk. Change name of a service. Add a new service.
74# move an intent filter to another activity. Add parent activity name in the activity.
75# revert 74#.
76# repeat 74#.
77# move an action to a new intent filter. Add a new intent filter in a receiver.
78# change theme of an activity.
79# add target sdk.
80# revert 79#.
81# add target sdk.
82# add a new activity.
83# add a parent meta-data in an activity.
84# add a new activity.
85# add android:exported="false" in a provider.
86# add a use permission. move an action to a new intent filter. add a new service.
87# upgrade target sdk from 16 to 17.
88# add a new activity.
89# add a receiver component.
90# upgrade target sdk from 17 to 18. Add android:requiredAccountType="*" in application.
91# downgrade target sdk from 18 to 17.
92# repeat 90#.
93# remove android:requiredAccountType="*" from application.
94# change package name. remove sharedUserLabel. Use fully qualified name in app and components. Remove android:backupAgent from application. Remove a meta-data from app. Remove a provider.
95# change app label and value of taskAffinity in application.
96# add version name and code. Add install location auto.
97# add app theme. Change theme in six activities. Remove theme from an activity. Reorder attributes in components.
98# formatting change.
99# change theme in an activity.
100# add parent activity name and theme in an activity.
101# change app icon. Change theme of an activity.
102# change package name. version update.
103# change value of taskAffinity in application.
104# version update.
105# remove a use permission.
106#, 107#, 108#, 109#, 110#, 111# version update.
112# add android:requiredAccountType="*" and android:usesCleartextTraffic="false" in application.
113# version update.
114# add a use permission. add a new activity.
115# add fully qualified name in an activity.
116# change name of an action element in an intent filter.
117# remove uses-sdk.

118#, 119#, 120#, 121# version update.
122# remove theme from an activity.

283. <https://github.com/RCasatta/EternityWallAndroid>

Project created date: 2015-09-02

Download in play store: 100 - 500

Commit period: Sep 2, 2015 to Sep 23, 2016 – 1 yr.

Commit number: 22

No. of developers involved: 3 (17, 3, 2)

App components: activity – 11 service – 1 receiver – provider –

1#, 2#, 3# add a new activity.

4# add app name.

5# add a meta-data in app. Add an intent filter in an activity.

6# add theme in an activity.

7# change app name. add a service component.

8# change package structure in 4 activities names.

9#, 10# add a new activity.

11# add about activity.

12# add parent activity name and its meta-data in two activities.

13# add label in about activity. Add parent activity name and its meta-data in about activity.

14#, 15# add a new activity.

16# add use permissions. change label of an activity. Add a new activity.

17# add four meta-data in app.

18# add a new activity.

19# add parent activity name and its meta-data in an activity.

20# add a use permission.

21#, 22# change value of a meta-data.

284. <https://github.com/etesync/android>

Project created date: 2017-02-21

Download in play store: 50 - 100

Commit period: Dec 21, 2014 to May 12, 2017 – 2 yrs. 4 months

Commit number: 81

No. of developers involved: 3 (66, 13, 2)

App components: activity – 16 service – 6 receiver – 5 provider – 2

Exclusive version and uses-sdk related commit: 23

1# remove an activity.

2#, 3#, 4#, 5#, 6#, 7#, 8#, 9# version update.

10# version update. Add use permissions. add setting activity.

11# version update. Change package structure of an activity name. add a new activity.

12# change package structure in two activities names. Add a category in an intent filter.

13#, 14#, 15#, 16# version update.

17# upgrade target sdk from 21 to 22.

18# version update.

19# version update. Add parent activity name in an activity.
20# add use permissions. add two service components.
21# version update. Remove use permissions. add use permissions. remove a service component.
22#, 23#, 24#, 25#, 26# version update.
27# remove process from application and services.
28#, 29# version update.
30# remove uses-sdk.
31# remove version name and code.
32#, 33# add a new activity.
34# add a use permission.
35# add xmlns:tools. Add android:fullBackupContent="false" in application. Add tools:ignore="ExportedService" in services. Add exported="true" in an activity.
36# add a use permission. add tools:ignore="UnusedAttribute" in application, an activity, and use permissions.
37# remove use permissions.
38# formatting change.
39# change name of an activity and add theme. Change directory of an activity, remove excludeFromRecents="true", add label, noHistory="true", parent activity name, and an intent filter.
40# change name of an activity.
41# remove android:noHistory="true" from an activity.
42# add a use permission. add a new activity.
43# add a service component.
44# add a receiver and an activity component.
45# change name of an activity.
46# remove two activities.
47#, 48# add a new activity.
49# add app name.
50# change label of two activities.
51# add a setting activity.
52# add about activity.
53#, 54# add a receiver component.
55# add use permissions.
56# add a new activity. Add maxSdkVersion and tools:ignore in a use permission.
57# formatting change.
58# add a use permission.
59# add android:networkSecurityConfig in application. Remove an activity.
60# change app icon.
61# remove tools:ignore from use permissions. add maxSdkVersion in two use permissions.
62# add a use permission.
63# add a provider component.
64# replace string constant with string resource in authorities of a provider.
65# remove android:enabled="true" and android:exported="true" from a receiver. Add a receiver.
66# remove a service component.
67# change a service name.

68# change package name. change package name in an action and a data element.
69#, 70# add a new activity.
71# add a receiver component.
72# add a new activity.
73# remove two activities and add two new activities.
74# remove an activity. Add a new activity.
75# remove maxSdkVersion from a use permission.
76# remove label, theme, and parent activity name from an activity.
77#, 78# add a new activity.
79# add two services and a provider.
80# change name of a receive and name of its action element.
81# add a new activity.

285. <https://github.com/Yonjuni/ExaltedDicer>

Project created date: 2014-05-19
Download in play store: XXXXXXX
Commit period: Dec 12, 2014 to Oct 20, 2015 – 10 months
Commit number: 10
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 2

1# add version name and code.
2# change app theme.
3# add supports-screens.
4# add portrait orientation in an activity.
5# add a use permission.
6# add a new activity.
7# add parent activity name in an activity.
8# formatting change.
9# remove version name and code. Add singleTop launch mode in an activity.
10# add version name and code.

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

Project created date: 2016-11-11
Download in play store:
Commit period: Nov 16, 2016 to Dec 30, 2016 – 1 month
Commit number: 4
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

1# change app theme.
2# add configChanges in an activity.
3# add a new activity.
4# replace string constant with string resource in an activity label.

287. <https://github.com/kost/external-ip>

Project created date: 2015-03-15

Download in play store: 10,000 - 50,000

Commit period: Sep 11, 2010 to Jul 11, 2015 – 4 yrs. 10 months

Commit number: 5

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 4

1#, 2# version update.

3# version update. Add a new activity.

4#, 5# version update.

288. <https://github.com/mbmb5/Eylca>

Project created date: 2016-12-22

Download in play store:

Commit period: Nov 17, 2016 to Jan 16, 2017 – 2 months

Commit number: 10

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

1# add a comment.

2# change package name. use shorthand in an activity name.

3# revert 1#.

4# repeat 1#.

5#, 6# add a use permission.

7# change copyright.

8# use shorthand in an activity name. add a setting activity.

9#, 10# add a new activity.

289. <https://github.com/indywidualny/FaceSlim>

Project created date: 2015-01-07

Download in play store:

Commit period: Mar 28, 2015 to Feb 4, 2017 – 1 yr. 10 months

Commit number: 45

No. of developers involved: 1

App components: activity – 6 service – 1 receiver – 2 provider –

Exclusive version and uses-sdk related commit: 17

1# version update.

2# version update. Add a use permission.

3#, 4# version update.

5# version update. Add app name. add two meta-data in app.

6# version update. Remove two meta-data from app.

7# version update. Add a new activity.

8# version update. Add a use permission. add a receiver and a service components.

9# add install location internalOnly and android:permission in the manifest tag. Add a use permission. remove android:enabled="true" and android:exported="false" from a receiver.
 10# remove android:permission from manifest tag. Add android:enabled="true" and android:exported="false" in a receiver. Remove process and an intent filter from a service and add android:enabled="true", android:exported="false", and android:stopWithTask="false" in the service.
 11# remove android:exported="false" from a receiver and add android:permission in the receiver.
 12# add process in a service.
 13# add configChanges in an activity.
 14# remove android:stopWithTask="false" from a service.
 15# add icon and remove process from a service.
 16# remove a comment.
 17#, 18#, 19#, 20# version update.
 21# upgrade min sdk from 14 to 15. Add process in a service.
 22# formatting change.
 23#, 24# version update.
 25# version update. Upgrade target sdk from 22 to 23.
 26#, 27#, 28#, 29# version update.
 30# add an intent filter in an activity.
 31#, 32#, 33# version update.
 34# version update. Add a receiver.
 35# remove version and uses-sdk. Change themes in app and two activities.
 36# add xmlns:tools. Change app icon. Change package structure of 2 receivers, a service, and 4 activities. Add a new activity and make it main activity. Add tools:ignore="UnusedAttribute" in two activities. Change an activity and a service icon.
 37# add a new crash reporting activity.
 38# change theme of an activity.
 39# remove process from a service.
 40# change icon of an activity.
 41# add a use permission.
 42# remove crash reporting activity.
 43# add android:supportsRtl="true" in application.
 44# add a use permission. add a new activity.
 45# add an intent filter in an activity.

290. <https://github.com/gabm/FancyPlaces>

Project created date: 2015-05-27

Download in play store: 100 - 500

Commit period: May 25, 2015 to Nov 19, 2015 – 5 months

Commit number: 6

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# change package name. change package name in a permission and a use permission. change value of a meta-data in app. Add android:windowSoftInputMode="adjustResize" in an activity and change value of a meta-data in the activity.

- 2# change app name. change package structure in 2 activities.
- 3# remove use permissions and a use feature. Remove a meta-data from app.
- 4# remove label from an activity.
- 5# remove two intent filters from an activity.
- 6# add an intent filter in an activity.

291. <https://github.com/ligi/FAST>

Project created date: 2012-08-16

Download in play store: 50,000 - 100,000

Commit period: Oct 24, 2013 to Sep 4, 2017 – 3 yrs. 10 months

Commit number: 17

No. of developers involved: 4 (14, 1, 1, 1)

App components: activity – 3 service – receiver – 1 provider –

Exclusive version and uses-sdk related commit: 11

- 1# version update.
- 2# change package structure in 3 activities and a receiver.
- 3#, 4# version update.
- 5# enable hardware acceleration.
- 6# version update. Upgrade target sdk from 18 to 19.
- 7# downgrade target sdk from 19 to 18.
- 8# version update.
- 9# revert 7#.
- 10#, 11#, 12# version update.
- 13# move version and uses-sdk to gradle.
- 14# add android:excludeFromRecents="true" in an activity.
- 15# change theme of an activity.
- 16# add an action and a category in an intent filter.
- 17# add configChanges in an activity.

292. <https://github.com/Free-Software-for-Android/FasterGPS>

Project created date: 2012-07-15

Download in play store: XXXXXXXX

Commit period: Aug 19, 2013 to Nov 7, 2016 – 3 yrs. 2 months

Commit number: 6

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 5

- 1#, 2# version update.
- 3# remove a use permission.
- 4# version update.
- 5# version update. Upgrade target sdk from 17 to 19.
- 6# version update.

293. <https://github.com/ScreamingHawk/fate-sheets>

Project created date: 2017-04-05

Download in play store: 50 - 100

Commit period: Apr 10, 2017 to Jul 3, 2017 – 2 months

Commit number: 8

No. of developers involved: 2 (7, 1)

App components: activity – 5 service – receiver – provider – 1

1# change package structure in an activity name. add a new activity.

2# change name of an activity.

3#, 4# add a new activity.

5# remove round icon from app.

6# add a new activity.

7# add android:windowSoftInputMode="stateHidden" in an activity.

8# add a provider component.

294. <https://github.com/sebastianrakel/fb-client-android>

Project created date: 2015-01-04

Download in play store: XXXXXXX

Commit period: Jan 5, 2015 to Aug 10, 2016 – 1 yr. 7 months

Commit number: 6

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

1# add a setting activity.

2# add use permissions. add two new activities. Add a meta-data in app.

3# remove use permissions. add an intent filter in an activity.

4# add a new activity and move two intent filters to this activity.

5# change app icon. Remove an activity.

6# remove a meta-data from app.

295. <https://github.com/geometer/FBReaderJ>

Project created date: 2010-09-29

Download in play store: 10,000,000 - 50,000,000

Commit period: Feb 15, 2010 to Oct 1, 2015 – 5 yrs. 7 months

Commit number: 446

No. of developers involved: 6 (417, 22, 4, 3, 2, 1)

App components: activity – 42 service – 7 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 242

1# remove an activity.

2# add a new activity.

3# remove label and add singleTask launch mode in an activity.

4# add process in an activity.

5# change package structure in an activity name.

6# change theme and remove configChanges from an activity.

7# add process in an activity.

8# add an intent filter in an activity.

9# add a service component.
10#, 11# version update.
12#, 13# add a new activity.
14# version update.
15# add a meta-data in an activity. Add a new activity.
16# version update. Add a use permission.
17# change name of a service.
18# version update.
19# add a new activity.
20#, 21# version update.
22# formatting change.
23# add a new activity.
24# remove an activity.
25# covert an activity to a receiver.
26# version update.
27# add a service component.
28# add install location auto.
29# add an intent filter in an activity.
30# add two intent filters in an activity. Remove host and scheme from 6 data elements and add a data element in an intent filter. add two data elements in an intent filter.
31# version update. Add an intent filter in an activity.
32# version update.
33# version update. Add an intent filter in an activity.
34#, 35# version update.
36# add a use permission.
37#, 38# version update.
39# remove host from four data elements of four intent filters. Remove mime type from data elements of an intent filter.
40# change name of an activity.
41# revert 40#.
42#, 43#, 44# version update.
45# version update. Change value of host in four data elements of four intent filters.
46#, 47# version update.
48# add sharedUserId in manifest.
49# revert 48#.
50#, 51#, 52# version update.
53# add process in two activities.
54# version update.
55# add a new activity. Add process in an activity.
56# change name of an activity.
57# add a new activity.
58# change name of an activity.
59# add process in an activity.
60# add two new activities.

61# remove an activity.
62# change package structure in two activities names and remove labels.
63# remove a use permission.
64# remove two activities. Add a service component.
65# add an activity. Change package structure in the values of two meta-data of 2 activities.
66# add singleTask launch mode, add an intent filter, replace android:value with android:resource in a meta-data of an activity.
67# remove an activity. Add an intent filter and a meta-data in an activity.
68# remove two intent filters from two activities.
69# revert 68#.
70# remove a category from three intent filters of three activities.
71# add an intent filter in an activity.
72# version update.
73# remove an activity.
74# formatting change.
75# version update. Add a new activity.
76# add process in an activity.
77# change name of activities.
78#, 79#, 80# version update.
81# add a service component.
82#, 83#, 84#, 85# version update.
86# remove a service and add a receiver.
87#, 88# version update.
89# version update. Upgrade min sdk from 3 to 4.
90# version update.
91# add a data element in an intent filter.
92#, 93#, 94#, 95#, 96#, 97#, 98#, 99#, 100# version update.
101# remove an activity. Add singleTask launch mode, add an intent filter, change name of a meta-data, replace value with resource in a meta-data of an activity.
102# merge two activities and remove a meta-data.
103#, 104# add a new activity.
105#, 106# version update.
107# add configChanges in an activity.
108#, 109# version update.
110# add singleTask launch mode in an activity. Add a new activity.
111# add process in an activity.
112# add a new activity.
113# add an intent filter in an activity.
114# - 134# version update.
135# add a service component.
136# version update. Revert 135#.
137# repeat 135#.
138# version update.
139# remove an activity.

140# remove two activities and add an activity.
141# change name of an activity. add an activity. remove an activity.
142# version update.
143# change package structure of an activity name.
144# remove a service component.
145# add a data element and change scheme of a data element in an intent filter.
146# remove a category and a data elements from an intent filter.
147# add a new activity.
148# add max sdk.
149# version update. Add process in two activities. Change scheme of a data element.
150#, 151#, 152#, 153#, 154#, 155#, 156#, 157#, 158# version update.
159# remove an activity. add an activity.
160# change name of an activity.
161# remove singleTask launch mode from an activity.
162# remove an activity. Add a new activity.
163# add a new activity.
164# remove an activity.
165#, 166# add an intent filter in an activity.
167# add a new activity. Add a meta-data in an activity.
168#, 169# add a new activity.
170# change name of an activity.
171# remove two services and a receiver. Add a receiver.
172# add a data element in an intent filter.
173# add an intent filter in an activity.
174# version update.
175# change name of an activity.
176#, 177# version update.
178# add a new activity.
179# add an intent filter in an activity.
180#, 181# version update.
182# add a new activity.
183# version update. Change scheme in a data element.
184# version update.
185# Change scheme in a data element.
186# version update. Change scheme in a data element.
187# change process of an activity and a service.
188# add two new activities. Add an intent filter in an activity.
189# add a use permission.
190# remove an activity. Add two new activities.
191# add use permissions.
192# add a service component.
193#, 194# version update.
195# upgrade min sdk from 4 to 5.
196# change app name.

197# add launch mode in a service.
198# version update.
199# version update. Change scheme in a data element.
200#, 201# version update.
202# remove a use permission.
203#, 204#, 205#, 206# version update.
207# remove use permissions. remove an activity. Add an intent filter in an activity.
208# add an intent filter and add a data element in an intent filter.
209#, 210# version update.
211# add a new activity.
212# change package structure of an activity name.
213#, 214#, 215#, 216# version update.
217# add data elements from three intent filters.
218#, 219# version update.
220# formatting change.
221#, 222#, 223#, 224#, 225# version update.
226# version update. Add a data element in an intent filter.
227#, 228#, 229#, 230#, 231#, 232#, 233#, 234#, 235#, 236# version update.
237# add target sdk. Add x large screens in supports-screens.
238# version update.
239# add process in an activity.
240# change themes in 12 activities.
241# remove configChanges from 23 activities. Add themes in 12 activities.
242# add an intent filter in a service.
243# add singleTask launch mode in two services.
244# version update.
245# add app logo. add configChanges in 27 activities.
246# remove configChanges from three activities.
247# - 259# version update.
260# remove a data element from an intent filter.
261# add a new activity.
262#, 263# version update.
264# add an intent filter in an activity.
265# add a new activity. Change package structure of an activity name.
266# add a new activity.
267# - 270# version update.
271# formatting change.
272# add a new activity.
273#, 274# version update.
275# add an intent filter in an activity.
276# version update.
277# add a new activity.
278#, 279# version update.
280# add a service component.

281# add android:exported="false" and remove an intent filter from a service. Add android:exported="false" in another service.

282# add an intent filter in an activity.

283# formatting change.

284# version update.

285# add an intent filter in an activity.

286#, 287#, 288# version update.

289# add process in an activity.

290# version update. Change action name in an intent filter.

291#, 292#, 293# version update.

294# add a service component.

295# change name and process of a service.

296#, 297# version update.

298#, 299#, 300#, 301#, 302# add an intent filter in an activity.

303# change names of four actions in four intent filters.

304# add a use permission.

305# add a service and an activity components.

306# remove process from an activity and a service.

307# remove a use permission.

308#, 309#, 310#, 311#, 312# version update.

313# add a new activity.

314# version update.

315# add an intent filter in an activity.

316# change name of an activity.

317# remove an intent filter.

318# add a new activity.

319# version update.

320# add a new activity.

321# add a new activity.

322#, 323#, 324# version update.

325# change name of an activity.

326# add a meta-data in app.

327# add a service component.

328# version update.

329# add android:exported="false" and an intent filter in a service.

330# change package structure of an activity name.

331# add a use permission.

332# formatting change.

333# add a use permission.

334# change name of a service.

335# add two intent filters in an activity.

336# add an intent filter in an activity.

337#, 338#, 339# version update.

340# define three permissions. protect three services with android:permission. add two intent filters in a service.

341# version update.

342# add use permissions.

343# protect an activity with android:permission and add an intent filter.

344# version update.

345# version update. Remove a meta-data from app.

346# version update.

347# version update. Remove an intent filter from an activity.

348#, 349# version update.

350#, 351# add a new activity.

352#, 353#, 354#, 355#, 356#, 357#, 358#, 359#, 360#, 361#, 362#, 363# version update.

364# add an intent filter in an activity.

365# version update. Remove an intent filter.

366#, 367#, 368#, 369# version update.

370# add a new activity.

371# - 381# version update.

382# add two new activity.

383#, 384#, 385#, 386# version update.

387# remove android:permission from a service.

388# version update.

389# version update. Remove android:permission from a service.

390#, 391#, 392# version update.

393# version update. Remove android:permission from a service.

394#, 395#, 396#, 397#, 398#, 399# version update.

400# remove android:permission from an activity.

401# add data elements in two intent filters.

402# add data elements in three intent filters.

403# version update.

404# formatting change.

405# remove an activity.

406# version update.

407# add an intent filter in an activity.

408#, 409# version update.

410# change theme of an activity.

411# - 418# version update.

419# version update. Remove use permissions.

420# version update.

421# add data elements in two intent filters.

422# remove an intent filter from an activity.

423# version update.

424# add android:exported="false" in three activities.

425# version update.

426# add a new activity.

427#, 428#, 429# version update.
430# version update. Add an intent filter in an activity.
431#, 432#, 433#, 434# version update.
435# formatting change.
436# replace string constant with string resource in app and an activity labels.
437# version update.
438# version update. Remove data elements from two intent filters.
439#, 440#, 441#, 442#, 443#, 444# version update.
445#, 446# formatting change.

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

Project created date: 2016-07-12

Download in play store: 50,000 - 100,000

Commit period: Jul 13, 2016 to Nov 10, 2017 – 1 yr. 4 months

Commit number: 24

No. of developers involved: 1

App components: activity – 8 service – receiver – provider – 1

1# change package structure of an activity name.
2# add a use permission.
3# remove supportsRtl.
4# add about and license activities.
5# add a setting activity.
6# add parent activity name in three activities.
7# change app icon.
8# change app label.
9# formatting change.
10#, 11# add fully qualified names in activities.
12# add a new activity and make it main activity.
13# add a new activity.
14# change app icon.
15# add a new activity.
16# add round icon in app.
17# add app name.
18# add an intent filter in an activity.
19# add a new activity.
20# add an intent filter in an activity.
21# add a provider component.
22# formatting change.
23# add a use permission.
24# add an intent filter in an activity.

297. <https://github.com/zouroboboros/filmchecker>

Project created date: 2016-09-04

Download in play store:

Commit period: May 30, 2016 to Sep 20, 2017 – 1 yr. 3 months

Commit number: 3

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# change app icon. Add app logo.

2# formatting change.

3# add android:fullBackupContent in application. Add an activity. Remove an activity.

298. <https://github.com/M66B/FineGeotag>

Project created date: 2015-05-07

Download in play store: XXXXXXX

Commit period: May 8, 2015 to Dec 20, 2015 – 7 months

Commit number: 8

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – 1 provider –

1# remove app theme.

2# formatting change.

3# add a use permission.

4# add a use feature.

5# add android:required="true" in a use feature.

6# formatting change.

7# add a use feature.

8# formatting change.

299. <https://github.com/mozilla-mobile/focus-android>

Project created date: 2016-12-09

Download in play store: 1,000,000 - 5,000,000

Commit period: Dec 9, 2016 to Nov 9, 2017 – 8 months

Commit number: 37

No. of developers involved: 5 (21, 9, 4, 2, 1)

App components: activity – 6 service – 2 receiver – provider – 1

1# add android:windowSoftInputMode="stateVisible" in an activity.

2# add two intent filters in an activity.

3# add a service component.

4# add setting, about, help, and rights activities.

5# change theme in an activity.

6# merge two activities.

7# add launch mode and configChanges in an activity.

8# add label in an activity.

9# add a meta-data in app.

10# add a new activity.

11# add a label in an activity.

12# remove about activity.

13# remove rights activity.

14# add app name.
 15# replace string constant with a string resource in an activity label.
 16# change launch mode to singleTask in an activity.
 17# remove an activity.
 18# add a comment.
 19# change theme of an activity.
 20# add xmlns:tools. Add tools:ignore="ExportedService" in a service.
 21# change allowBackup to false.
 22# add a service component.
 23# add a meta-data in an activity.
 24# add a new activity.
 25# add a use permission.
 26# add a new activity.
 27# remove a label and add configChanges in an activity.
 28# change label of an activity.
 29# add a provider component.
 30# add a use permission.
 31# add an intent filter in an activity.
 32# add android:windowSoftInputMode="adjustResize" in an activity.
 33# add stateAlwaysHidden in windowSoftInputMode of an activity. Remove an incorrect single quote. Add a new activity. Remove a service. Add a service.
 34# add an intent filter in an activity.
 35# revert 34#.
 36# add android:windowSoftInputMode="adjustPan" in an activity.
 37# change value of windowSoftInputMode to adjustResize.

300. <https://github.com/VelbazhdSoftwareLLC/FishRingsForAndroid>

Project created date: 2015-01-15

Download in play store: 100 - 500

Commit period: Jul 3, 2015 to Jul 31, 2015 – 28 days

Commit number: 2

No. of developers involved: 2 (1, 1)

App components: activity – 5 service – receiver – provider –

1# version update. Add a use permission. add a new activity and make it main activity.

2# version update. Add a new activity.

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

Project created date: 2016-08-01

Download in play store: 100 - 500

Commit period: Aug 2, 2016 to Sep 14, 2016 – 1 month

Commit number: 15

No. of developers involved: 2 (12, 3)

App components: activity – 6 service – receiver – provider –

1# enable large heap.

- 2# add a meta-data in app.
- 3# add a setting activity.
- 4# add a new activity. Remove a meta-data from app.
- 5# add icon in an activity.
- 6# change icons in app and an activity.
- 7# change package structure in an activity name.
- 8# replace string constant with string resource in two activities labels. Add a new activity.
- 9# formatting change.
- 10# change icons in app and an activity.
- 11# add a new activity.
- 12# change parent activity name and its meta-data value.
- 13# add a use permission. add a new activity.
- 14# add configChanges in an activity.
- 15# remove parent activity name and its meta-data from an activity.

302. <https://github.com/SimpleMobileTools/Simple-Flashlight>

Project created date: 2016-01-06

Download in play store: 10,000 - 50,000

Commit period: Jan 6, 2016 to Nov 7, 2017 – 10 months

Commit number: 23

No. of developers involved: 1

App components: activity – 8 service – receiver – 1 provider –

- 1# add use permissions and use features.
- 2# add portrait orientation in an activity.
- 3# add a receiver component.
- 4# change package name. add fully qualified names in components.
- 5# use shorthand in component names. Add about activity.
- 6# add license activity. Replace string constant with string resource in a receiver label.
- 7# change app icon. Remove icon and label from a receiver.
- 8# add icon in a receiver.
- 9# change package structure in 3 activities names.
- 10# add theme in an activity.
- 11# remove a use feature. Remove screen orientation from three activities.
- 12# add portrait orientation in an activity.
- 13# add parent activity name in two activities. Add a setting activity.
- 14# add a new activity.
- 15# change app label.
- 16# add a new activity.
- 17# change icon of a receiver.
- 18# change theme of an activity.
- 19# change package structure of a receiver name.
- 20# add a new activity and make it main activity. Use fully qualified name in two activities. Add a new activity.
- 21# change theme of an activity.

22# change app icon and add round icon.
23# add xmlns:tools. Add a use permission.

303. <https://github.com/pR0Ps/FlatConnectivityIcons>

Project created date: 2017-03-29
Download in play store:
Commit period:
Commit number: 0

304. <https://github.com/danielmeek32/FlexibleWallpaper>

Project created date: 2016-12-20
Download in play store:
Commit period:
Commit number: 0

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

Project created date: 2010-03-27
Download in play store: 10,000 - 50,000
Commit period: Apr 2, 2010 to Jun 15, 2016 – 6 yrs. 2 months
Commit number: 21
No. of developers involved: 2 (20, 1)
App components: activity – 9 service – 1 receiver – provider – 1
Exclusive version and uses-sdk related commit: 5

1# remove an activity. Add four new activities.
2#, 3# add a use permission.
4# remove theme from an activity.
5# add a new activity.
6# add android:installLocation="preferExternal" in manifest.
7# upgrade min sdk from 4 to 8. Add android:debuggable="true" in application.
8# change debuggable to false.
9# version update. Add target sdk. Remove android:debuggable="false". Add a service. Add theme in an activity. Remove an activity. Add a new activity.
10# upgrade target sdk from 10 to 16.
11# add an activity alias.
12# add a provider component.
13# add a use permission. convert an activity to an activity alias. Add a new activity. Remove an intent filter from two alias.
14# change install location to auto.
15# add a new activity.
16# upgrade min sdk from 8 to 9. Change label and theme of an activity. Add a new activity.
17# change app icon. Add configChanges in two activities. Remove an activity. Add a new activity.
18#, 19#, 20# version update.
21# upgrade target sdk from 16 to 22.

306. <https://github.com/renyuneyun/Flock>

Project created date: 2016-04-03

Download in play store:

Commit period: Jul 20, 2016 to Mar 27, 2017 – 8 months

Commit number: 3

No. of developers involved: 1

App components: activity – 2 service – 2 receiver – 2 provider –

1# add a use permission. add a receiver component.

2# formatting change.

3# add label in an activity. Add a new activity. Change parent class of a service and a receiver inner classes.

307. <https://github.com/FredJul/Flym>

Project created date: 2013-04-23

Download in play store: 10,000 - 50,000

Commit period:

Commit number: 0

308. <https://github.com/giedeer/androidwisprclient>

Project created date: 2014-09-28

Download in play store: 100,000 - 500,000

Commit period: Sep 29, 2014 to Dec 7, 2016 – 2 yrs. 2 months

Commit number: 6

No. of developers involved: 1

App components: activity – 2 service – 3 receiver – 2 provider –

Exclusive version and uses-sdk related commit: 4

1# version update.

2# change package name. move a meta-data from app to manifest tag. Add a use permission and a use feature. Change app icon. Remove debuggable="false". Add an intent filter in an activity. Add a new activity.

3#, 4#, 5# version update.

6# version update. Add a use permission. upgrade target sdk from 8 to 19.

309. <https://github.com/elboza/footguy>

Project created date: 2013-05-21

Download in play store: 500 - 1,000

Commit period: Aug 30, 2016 to Aug 31, 2016 – 2 days

Commit number: 2

No. of developers involved: 1

App components: activity – 2 service – 3 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 1

1# add fully qualified names in components.

2# version update. Downgrade min sdk from 21 to 8.

310. <https://github.com/martykan/forecastie>

Project created date: 2015-12-24

Download in play store: 5,000 - 10,000

Commit period: Jan 1, 2016 to Jul 2, 2017 – 1 yr. 6 months

Commit number: 19

No. of developers involved: 7 (12, 2, 1, 1, 1, 1, 1)

App components: activity – 5 service – 1 receiver – 4 provider –

1# add a setting activity.

2# add incorrect characters.

3# add a receiver component.

4# add a service component.

5# add a receiver component.

6# remove app theme. Revert 2#. Remove a parent activity name from an activity.

7# add a use permission.

8# add an intent filter in a receiver. add a use permission.

9# add a use permission.

10# formatting change.

11# add app name. remove a receiver. Add two receivers.

12# remove app name.

13# change package structure in 2 activities and a service.

14# add a new activity.

15# change theme of an activity.

16# add parent activity name in an activity.

17# add a new activity.

18# add a new activity and make it main activity.

19# add a receiver component.

311. <https://github.com/jonan/ForkHub>

Project created date: 2014-10-16

Download in play store: 50,000 - 100,000

Commit period: Oct 8, 2015 to Jul 21, 2017 – 1 yr. 9 months

Commit number: 9

No. of developers involved: 1

App components: activity – 29 service – 2 receiver – provider – 3

1# add theme in an activity.

2# revert 1#.

3# remove android:hardwareAccelerated="false" from application. Remove android:hardwareAccelerated="true" from ten activities.

4# add a new activity.

5# change app icon.

6# change package structure of an activity name.

7#, 8# add a new activity.

9# replace a meta-data with another meta-data in an activity.

312. <https://github.com/slartus/4pdaClient-plus>

Project created date: 2014-07-07

Download in play store:

Commit period: Feb 14, 2015 to Feb 28, 2017 – 2 yrs.

Commit number: 40

No. of developers involved: 3 (26, 8, 6)

App components: activity – 14 service – 2 receiver – 3 provider –

Exclusive version and uses-sdk related commit: 2

1# remove an activity.

2# remove version name and code.

3# remove uses-sdk.

4# change app name. add two new activities.

5# add a new activity.

6# remove two activities.

7# add xmlns:tools. Change app icon and theme. Add tools:replace="android:icon" in application.

Add data elements in intent filters. Add configChanges and launch mode in an activity. Change theme of an activity.

8# remove android:hardwareAccelerated="true".

9# add android:windowSoftInputMode="adjustResize" in an activity.

10# add a new activity.

11# change label of an activity.

12# change launch mode to singleTask.

13# add android:hardwareAccelerated="true" in an activity.

14# change launch mode to singleTask.

15# change launch mode to singleTop.

16# change launch mode to singleTask.

17# add android:hardwareAccelerated="false" in application.

18# add android:windowSoftInputMode="adjustResize" in an activity. Remove eight activities.

Change package structure of an activity name.

19# remove three activities.

20# remove android:hardwareAccelerated="false" from application. Use shorthand in an activity name.

21# remove two activities.

22# enable large heap.

23# add android:hardwareAccelerated="@bool/hardwareAccelerated" in application.

24# change themes in app and an activity. Remove an activity.

25# add android:allowBackup="true" in application.

26# remove five activities. Change label of an activity.

27# add theme in an activity. Remove an activity. Add a new activity.

28# formatting change.

29# change value of android:hardwareAccelerated to true. Remove an activity.

30# add a new activity. Add two meta-data in app.

31# remove an activity. Remove xml encoding tag.

32# add xml encoding tag. Add a new activity.

33# add a new activity.
34# remove two activities and a meta-data. Add a new activity.
35# add singleTask launch mode in an activity.
36# change package structure of an activity name.
37#, 38# formatting change.
39# add a new activity.
40# add locale in configChanges of an activity. Add two data elements in an intent filter. merge an intent filter.

313. <https://github.com/khertan/ForRunners>

Project created date: 2015-10-10
Download in play store: 500 - 1,000
Commit period: Oct 22, 2016 to Nov 9, 2017 – 1 yr.
Commit number: 18
No. of developers involved: 1
App components: activity – 1 service – 2 receiver – provider –
Exclusive version and uses-sdk related commit: 8

1# remove use permissions.
2#, 3# version update.
4# upgrade target sdk from 19 to 25.
5#, 6#, 7#, 8#, 9# version update.
10# add a service component and a meta-data. Add a use permission.
11# change package name. change launch mode to singleInstance in an activity.
12# change launch mode to singleTask in an activity.
13# formatting change.
14# version update. Change package name. change app icon. Remove use permissions.
15# change package name.
16# formatting change.
17# remove a meta-data from app.
18# change package name.

314. <https://github.com/316k/android-fortune>

Project created date: 2015-03-09
Download in play store:
Commit period: Apr 9, 2015 to Oct 3, 2016 – 1 yr. 5 months
Commit number: 4
No. of developers involved: 1
App components: activity – 2 service – receiver – 1 provider –
Exclusive version and uses-sdk related commit: 1

1# use shorthand in component names. Add a setting and a config activities.
2# remove a setting activity.
3# add version name and code.
4# add a use permission.

315. <https://github.com/cbeyls/fosdem-companion-android>

Project created date: 2014-01-14

Download in play store: 5,000 - 10,000

Commit period: Dec 23, 2014 to May 7, 2017 – 2 yrs. 4 months

Commit number: 21

No. of developers involved: 1

App components: activity – 8 service – 1 receiver – 1 provider – 2

Exclusive version and uses-sdk related commit: 4

1# version update.

2# version update. Upgrade target sdk from 19 to 21. Add theme in an activity.

3# version update.

4# add theme in an activity.

5# add an intent filter in an activity.

6# add theme in an activity.

7# version update.

8# add parent activity name in two activities. Add a parent activity meta-data in an activity.

9# change app icon.

10# remove version and uses-sdk.

11#, 12# change theme in an activity.

13# add android:supportsRtl="true".

14# remove android:hardwareAccelerated="true".

15# add labels in three activities.

16# add an intent filter in an activity.

17# add a meta-data in an activity.

18# use shorthand in app name. replace package name with a placeholder in authorities of a provider and mime type.

19# add a provider component.

20# change theme of an activity.

21# add xmlns:tools. Add <uses-sdk tools:overrideLibrary="android.support.customtabs"/>.

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

Project created date: 2015-05-08

Download in play store: 100 - 500

Commit period: Jun 22, 2016 to Oct 18, 2017 – 1 yr. 3 months

Commit number: 25

No. of developers involved: 14 (3, 3, 3, 3, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1)

App components: activity – 12 service – 2 receiver – 2 provider –

1# add a use permission. add a receiver component.

2# change theme of an activity.

3# add use permissions.

4# change theme in an activity.

5# change themes in two activities.

6# change theme of an activity.

7# correct package name in a service and a receiver.

8# change name of an activity.
9#, 10# change theme of an activity.
11# change main activity. Remove an activity.
12# change name of an activity.
13# add configChanges in six activities.
14# add a meta-data in app. Add an intent filter in an activity.
15# change value of a meta-data. Add a new meta-data.
16# change value of allowBackup to false.
17# add android:hardwareAccelerated="false" and android:largeHeap="true".
18# enable hardware acceleration in an activity.
19# remove hardware acceleration attribute from app and an activity.
20# remove an activity. Add android:exported="false" in an activity.
21# add a meta-data in an activity. Add a new activity.
22# remove a receiver component.
23# add three new activities.
24# add two new activities. Change package structure in three activities names.
25# remove parent activity name from an activity.

317. <https://github.com/gilbsgilbs/freemobilenetstat>

Project created date: 2016-09-06

Download in play store: 100,000 - 500,000

Commit period: Nov 16, 2014 to Jun 5, 2017 – 2 yrs. 6 months

Commit number: 9

No. of developers involved: 2 (6, 3)

App components: activity – 4 service – 3 receiver – 4 provider – 1

1# add xmlns:tools. Add tools:ignore="UnusedAttribute" in an activity.

2# formatting change.

3# add parent activity name and its meta-data in an activity.

4# remove a use feature.

5# add android:enabled="true" and android:exported="true" in a receiver.

6# add a service component.

7# revert 6#.

8# add a service component.

9# add app theme.

318. <https://github.com/shlusiak/Freebloks-Android>

Project created date: 2012-04-13

Download in play store: 100,000 - 500,000

Commit period: Jan 1, 2017 to Jun 18, 2017 – 5 months

Commit number: 5

No. of developers involved: 1

App components: activity – 6 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# move version and uses-sdk to gradle.

2# change value of a meta-data in app.
3# add a meta-data in app.
4# remove backupAgent, restoreAnyVersion, and killAfterRestore attributes from application.
Remove a meta-data from app.
5# add android:isGame="true" in application.

319. <https://github.com/freeotp/freeotp-android>

Project created date: 2016-10-24
Download in play store: 100,000 - 500,000
Commit period: Aug 18, 2014 to Nov 16, 2017 – 3 yrs. 3 months
Commit number: 19
No. of developers involved: 4 (15, 2, 1, 1)
App components: activity – 5 service – receiver – provider –
Exclusive version and uses-sdk related commit: 6

1# change name and theme of an activity. Remove label from the activity.
2# change name and theme of two activities. Add adjustPan in window soft input mode of an activity.
3# remove label and change theme of an activity.
4# remove two activities. Add two activities.
5# add a use permission. change name of an activity.
6# add clearTaskOnLaunch and launchMode in an activity. Add an intent filter in the activity.
7# add a use permission.
8# remove adjustPan from window soft input mode in an activity.
9# add configChanges in an activity.
10#, 11# version update.
12# upgrade target sdk from 19 to 20.
13#, 14# version update.
15# change value of allowBackup to false.
16# upgrade min sdk from 14 to 23 and target sdk from 20 to 26.
17# remove a use permission.
18# remove an activity.
19# change app icon.

320. <https://github.com/knilch0r/freeshisen>

Project created date: 2015-03-23
Download in play store: 1,000 - 5,000
Commit period: Jan 31, 2017 to Apr 1, 2017 – 2 months
Commit number: 11
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –
Exclusive version and uses-sdk related commit: 8

1# upgrade min sdk from 5 to 9.
2# version update. Move uses-sdk to gradle.
3# version update.
4# add a copyright.

5# formatting change.
6#, 7#, 8#, 9#, 10# version update.
11# add a meta-data in app.

321. <https://github.com/WIStudent/FreifunkAutoConnectApp>

Project created date: 2015-05-06
Download in play store:
Commit period: May 13, 2015 to Oct 1, 2017 – 2 yrs. 4 months
Commit number: 17
No. of developers involved: 1
App components: activity – 3 service – 5 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 1

1# add a use permission.
2# add version name and code.
3# change app icon.
4# change app theme.
5# add a meta-data in an activity.
6# remove version name and code. Add a new activity.
7# add two services components.
8# add a service and a setting activity.
9# add a use permission and a receiver component.
10# add use permissions.
11#, 12# add a use permission. add a service component.
13# remove a use permission.
14# change app theme.
15# add a use permission.
16# change value of allowBackup to false.
17# revert 16# add android:fullBackupContent in application.

322. <https://github.com/caarmen/FRCAndroidWidget>

Project created date: 2014-07-14
Download in play store: 5,000 - 10,000
Commit period: Feb 26, 2017 to Aug 7, 2017 – 5 months
Commit number: 5

No. of developers involved: 1
App components: activity – 6 service – receiver – 5 provider –

1#, 2# remove some values of tools:overrideLibrary in uses-sdk.
3# change copyright.
4# change package structure of an activity name.
5# add a new activity. Add android:enabled="@bool/converter_enabled" in an activity.

323. <https://github.com/froodyapp/froody-android>

Project created date: 2017-01-03
Download in play store: 100 - 500

Commit period: Jan 4, 2017 to Nov 15, 2017 – 10 months

Commit number: 5

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

1# add an intent filter in an activity.

2# replace app icon resource with a variable. Add icon in two activities.

3# add round icon in app. Move main intent filter in another activity. Add round icon in an activity.

4# replace variable name in app and activities icons with a drawable resource.

5# add a new activity and make it main activity.

324. <https://github.com/videogameboy76/frozenbubbleandroid>

Project created date: 2016-01-10

Download in play store: 1,000,000 - 5,000,000

Commit period: Nov 22, 2009 to Mar 5, 2017 – 7 yrs. 3 months

Commit number: 61

No. of developers involved: 2 (42, 19)

App components: activity – 4 service – receiver – provider –

Exclusive version and uses-sdk related commit: 42

1# add min sdk. Add app icon.

2# add android:alwaysRetainTaskState="true" and android:launchMode="singleInstance" in an activity.

3#, 4#, 5# version update.

6# add an intent filter in an activity.

7#, 8# version update.

9# version update. Add supports-screens.

10# version update. Add android:installLocation="preferExternal".

11#, 12#, 13#, 14#, 15# version update.

16# remove android:installLocation="preferExternal". version update. Upgrade min sdk from 2 to 10. Add target sdk. Add android:allowBackup="true" and android:debuggable="false" in application. Add a new activity and make it main activity.

17# version update.

18# version update. Downgrade min and target sdk from 10 to 4. Add a new activity. Add configChanges in an activity.

19# formatting changes.

20#, 21# version update.

22# version update. Add a new activity.

23# version update. Add an activity.

24# version update. Remove an intent filter from an activity.

25# formatting changes.

26#, 27# version update.

28# version update. Add use permissions. remove an activity. add an activity.

29# version update.

30# formatting change.

31#, 32#, 33# version update.

34# version update. Remove android:debuggable="false" from application.
 35#, 36#, 37#, 38#, 39#, 40#, 41#, 42#, 43# version update.
 44# version update. Upgrade min and target sdk from 4 to 10. Add use permissions. remove an activity.
 45#, 46#, 47# version update.
 48# add resizable and xLargeScreens in supports-screens. Add use features.
 49#, 50#, 51#, 52#, 53#, 54#, 55# version update.
 56# version update. Upgrade target sdk from 10 to 15. Add screenSize in configChanges of three activities.
 57# downgrade target sdk from 15 to 12. Remove screenSize from configChanges of three activities.
 58# version update. Upgrade min sdk from 10 to 12.
 59#, 60#, 61# version update.

325. <https://github.com/videogameboy76/FBEditPlus>

Project created date: 2016-05-03
 Download in play store: 10,000 - 50,000
 Commit period: May 4, 2016 – 1 day
 Commit number: 1
 No. of developers involved: 1
 App components: activity – 8 service – receiver – provider –
 Exclusive version and uses-sdk related commit: 1

1# version update.

326. <https://github.com/ppareit/swiftp>

Project created date: 2012-02-06
 Download in play store: 1,000 - 5,000
 Commit period: Nov 5, 2015 to Jun 16, 2017 – 1 yr. 7 months
 Commit number: 14
 No. of developers involved: 1
 App components: activity – 3 service – 5 receiver – 6 provider –

1# remove version and uses-sdk. Change icons of app and a receiver.
 2# add theme in an activity.
 3# change theme of an activity.
 4# add a receiver component.
 5# add two service components.
 6# add xmlns:tools.
 7# add an activity and a receiver.
 8# formatting change.
 9# remove a comment.
 10# formatting changes.
 11# change app name.
 12# change name of an activity.
 13# add about activity.
 14# change themes in two activities and a service.

327. <https://github.com/no-go/FunPhonePuppet>

Project created date: 2016-10-09

Download in play store: 1 - 5

Commit period: Oct 9, 2016 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# formatting change.

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

Project created date: 2015-05-31

Download in play store:

Commit period: Jun 1, 2015 to Aug 30, 2016 – 1 yr. 3 months

Commit number: 11

No. of developers involved: 2(10, 1)

App components: activity – 6 service – 1 receiver – provider –

1# add a use permission.

2# change app icon.

3# add xmlns:tools. Add use permissions. add tools:replace="android:icon,android:theme" in application.

4# add a new activity.

5# add configChanges in three activities.

6# add a use permission.

7# add a new activity.

8# add use permissions. use shorthand in an activity name. add a new activity.

9# add a new activity.

10# add a service component.

11# change name of a service.

329. <https://github.com/Freeyourgadget/Gadgetbridge>

Project created date: 2015-01-05

Download in play store:

Commit period: Jan 12, 2015 to Aug 25, 2017 – 2 yrs. 7 months

Commit number: 101

No. of developers involved: 6 (58, 21, 19, 1, 1, 1)

App components: activity – 19 service – 3 receiver – 6 provider – 2

Exclusive version and uses-sdk related commit: 2

1# use shorthand in component names. Add a service component.

2# add a use permission and a receiver component.

3# add a use permission.

4#, 5# add a use permission and a receiver component.

6# add a receiver component.

7# add enabled="false" in three receivers.

8# add a use permission. change label of an activity. Add an intent filter in a receiver. Add a new activity.

9#, 10# add a receiver component.

11# change app theme.

12# add a use permission and a receiver component.

13# add a receiver component.

14# change labels of two activities. Add a new activity. Remove a receiver component.

15# add parent activity meta-data in two activities.

16# add android:exported="false" in three receivers.

17# add a parent activity meta-data in an activity.

18# add a use permission. add a new activity. Replace string constant with string resource in a label of an activity.

19# remove an activity. add an activity.

20# add a data element in an intent filter.

21# add min and target sdk.

22# change package structure in a service and 4 receivers.

23# add app name.

24# add a receiver component.

25# add a use permission. add an android:uses-permission (incorrectly). Use shorthand in app name. add three new activities.

26# add a new activity.

27# add a receiver component.

28# remove android:uses-permission. add use features.

29# add a new activity.

30# change package structure of a receiver name.

31# add an action in an intent filter.

32# add a new activity.

33# change name of an activity.

34# remove an activity.

35# add an android:uses-permission (incorrectly). Add a new activity.

36# remove android:uses-permission.

37# add two new activities.

38# remove an activity.

39# add a new activity.

40# remove an activity. Change name and label of an activity. Change value of a meta-data of the activity. Add data elements in an intent filter and add a new intent filter.

41# add data elements in two intent filters.

42# change package structure in 8 activities, a service, and 2 receivers.

43# change name of a service.

44# remove a use permission.

45# revert 44#.

46# repeat 44#.

47# add a use feature.

48# upgrade target sdk from 21 to 23. Add android:fullBackupContent="true" in application. Change value of pathPattern in data elements.

49# add a new activity.

50# add an action in an intent filter.

51# remove two actions from an intent filter.

52# add an intent filter in an activity.

53# add a data in two intent filters.

54# change values of allowBackup and fullBackupContent to false.

55# add data elements in two intent filters.

56# remove six receiver components.

57# remove uses-sdk.

58# change a comment.

59# add parent activity name and remove meta-data of parent activity.

60# remove parent activity meta-data from nine activities. Add parent activity name in six activities.

61# add android:windowSoftInputMode="stateHidden" in an activity.

62# add a use permission.

63# no changes.

64# add a use permission.

65# formatting change.

66# add a receiver component.

67# add a new activity.

68# add a provider component.

69# change package structure of a provider name. remove process attribute from the provider.

70# add a receiver component.

71# add a new activity.

72# add launch mode in an activity.

73# replace string constant with string resource in an activity label.

74# add a use permission.

75# change package structure in two activities names.

76# add launch mode in an activity.

77# change launch mode to singleTask. Add android:allowTaskReparenting="true" and android:clearTaskOnLaunch="true" in an activity.

78# add portrait orientation in an activity.

79# add a new activity.

80# change label of an activity.

81#, 82#, 83# add a new activity.

84# add a category in an intent filter.

85# add an intent filter in an activity.

86# add a new activity.

87# change comments.

88# add an intent filter in an activity.

89#, 90# change package structure of an activity name.

91# remove label from an activity.

92# remove a use permission.

93# add a use permission and a receiver component.
94# remove an activity.
95# add data elements in two intent filters.
96# add a provider component.
97# remove an activity. Change parent activity names in nine activities.
98# add portrait orientation in an activity.
99# add a service component.
100# add a new activity.
101# add data elements in two intent filters.

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

Project created date: 2014-07-02

Download in play store: 5,000 - 10,000

Commit period: Jul 4, 2014 to Jun 26, 2017 – 2 yrs. 11 months

Commit number: 29

No. of developers involved: 2 (28, 1)

App components: activity – 7 service – 2 receiver – provider – 1

1# add a use permission.
2#, 3# add a new activity.
4# remove parent activity name and its meta-data from an activity. Move main intent filter in this activity.
5# remove an activity.
6# add a use permission. change label of an activity.
7#, 8# add a new activity.
9# remove windowSoftInputMode from an activity.
10# add a new activity.
11# add a setting activity.
12# add parent activity name and its meta-data in four activities.
13# add android:supportsRtl="true".
14# add maxSdkVersion in a use permission.
15# add use permissions. add two service components.
16# add use permissions.
17# add a use permission.
18# add an intent filter in an activity.
19# add a use permission.
20# remove maxSdkVersion from two use permissions.
21#, 22# add singleTop launch mode in an activity.
23# change app icon.
24# add app name.
25# add android:fullBackupContent="false" in application.
26# add maxSdkVersion in four use permission.
27# add android:resizeableActivity="true" in application.
28# add a provider component.
29# revert 28#.

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

Project created date: 2016-02-16

Download in play store: 1,000,000 - 5,000,000

Commit period: Feb 17, 2016 to Nov 10, 2017 – 1 yr. 8 months

Commit number: 57

No. of developers involved: 1

App components: activity – 15 service – receiver – 1 provider – 1

1# add portrait orientation in an activity.

2# add a use permission.

3#, 4# add a new activity.

5# change package structure of three activities names.

6# change name of an activity.

7# remove theme from an activity.

8# change package name. use fully qualified name in three activities.

9# repeat 5#.

10# add theme in an activity.

11# remove a use permission. add a use permission.

12# remove portrait orientation from three activities.

13# add about activity.

14# add a license activity.

15# change app icon.

16# change name of an activity.

17#, 18# add a new activity.

19#, 20# add an intent filter in an activity.

21# add a new activity.

22# add a use permission and an intent filter in an activity.

23# add an intent filter in an activity.

24# add two data elements in an intent filter.

25# remove an intent filter. add data elements in an intent filter.

26# add an intent filter in an activity.

27# remove an action from an intent filter.

28# remove portrait orientation from two activities.

29# add parent activity name in four activities. Add a setting activity.

30# remove android:allowTaskReparenting="true" from an activity.

31# change app label.

32# add configChanges in two activities.

33# add a new activity.

34# add label in an activity.

35# change name of an action.

36# remove an intent filter. add a new activity.

37# change label of an activity.

38# add a new activity.

39# revert 38#.

40# add android:resizeableActivity="true" in an activity.
41# use fully qualified name in an activity and a parent activity name.
42# use fully qualified name in an activity name.
43# add a new activity.
44# add theme in an activity.
45# add a new activity and make it main activity.
46# change app icon.
47#, 48# add configChanges in an activity.
49# add a new activity.
50# add a provider component.
51# add a new activity.
52# add app name.
53# add a receiver component.
54# add an intent filter in an activity.
55# add round icon in app.
56# formatting change.
57# add a use permission.

332. <https://github.com/tobykurien/GoogleApps>

Project created date: 2011-10-27

Download in play store: 10,000 - 50,000

Commit period: May 30, 2012 to Jul 8, 2017 – 5 yrs. 1 month

Commit number: 29

No. of developers involved: 2 (25, 4)

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 15

1# no changes.
2# version update. Add target sdk. Add theme and configChanges in an activity.
3# version update. Upgrade min sdk from 4 to 7. Add a use permission. add an intent filter in an activity.
4# add categories and data elements in an intent filter.
5# version update. Downgrade target sdk from 11 to 10.
6#, 7# version update.
8# version update. Upgrade target sdk from 10 to 14. Add app theme. Remove theme from an activity.
9# add a new activity.
10# add screenSize in configChanges of two activities.
11# add a new activity.
12#, 13# version update.
14# upgrade target sdk from 14 to 18. Add data elements in an intent filter.
15#, 16# version update.
17# add an action element.
18#, 19#, 20#, 21# version update.
22# version update. Upgrade min sdk from 7 to 15 and target sdk from 18 to 22.

23# add three android:uses-permission (incorrectly). Add a new activity.
24# remove an activity.
25# version update. Downgrade min sdk from 15 to 9. Remove three android:uses-permission.
remove a use permission. add use permissions. add allowBackup="true".
26# version update. Downgrade min sdk from 9 to 7 and target sdk from 22 to 18. Remove use
permissions. add a use permission. remove allowBackup="true".
27#, 28#, 29# version update.

333. <https://github.com/mridang/gasflow>

Project created date: 2015-10-03
Download in play store: 500 - 1,000
Commit period: Feb 28, 2016 to Mar 22, 2016 – 24 days
Commit number: 2
No. of developers involved: 1
App components: activity – 1 service – 1 receiver – 3 provider –

1# add two receiver components.
2# add app name. add an action and a category in an intent filter.

334. <https://github.com/urandom/gearshift>

Project created date: 2014-11-13
Download in play store:
Commit period: Jan 19, 2014 to Oct 12, 2015 – 1 yr. 8 months
Commit number: 12
No. of developers involved: 2 (11, 1)
App components: activity – 7 service – 1 receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# remove version and uses-sdk.
2# add app name.
3# change package structure in 6 activities.
4# change theme of an activity.
5# add theme in an activity.
6# change theme in an activity.
7# use fully qualified name in app and components. Remove theme from an activity.
8# change package structure in an activity name.
9# add a crash report activity.
10# change theme in an activity.
11# change install location to auto.
12# remove a meta-data from app.

335. <https://github.com/zeldin/Gerberoid>

Project created date: 2017-08-09
Download in play store:
Commit period: Jul 4, 2017 to Aug 8, 2017 – 1 month
Commit number: 4

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# add app icon and theme.

2# add a new activity.

3# change app theme.

4# add a use permission.

336. <https://github.com/seguri/GetForegroundActivity>

Project created date: 2016-08-12

Download in play store:

Commit period:

Commit number: 0

337. <https://github.com/andDevW/getChromium>

Project created date: 2016-03-23

Download in play store:

Commit period: Mar 25, 2016 to Sep 2, 2017 – 1 yr. 5 months

Commit number: 13

No. of developers involved: 2 (7, 6)

App components: activity – 1 service – receiver – 1 provider –

1# remove an activity.

2# add an intent filter in an activity.

3# add a use feature. Add portrait orientation in an activity. Change name of an action. Add two intent filters in an activity. Add a receiver component.

4# remove a use feature.

5# add an intent filter in the activity.

6# add a use permission. use fully qualified name in a receiver name.

7# remove use permissions.

8# formatting changes.

9# add android:networkSecurityConfig in application.

10# revert 9#.

11# add a closing intent filter tag.

12# add a use feature.

13# change theme of an activity. Use fully qualified name in a receiver name.

338. <https://github.com/rfc2822/GfxTablet>

Project created date: 2013-01-15

Download in play store: XXXXXXXX

Commit period: Jun 22, 2015 to Dec 9, 2015 – 5 months

Commit number: 5

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 2

1# version update. Add app theme. Change label of an activity and add parent activity name in the activity.

2# upgrade target sdk from 14 to 22.

3# add a use permission.

4# remove min and target sdk. Enable large heap.

5# version update.

339. <https://github.com/brarcher/gift-card-guard>

Project created date: 2016-01-24

Download in play store: 100 - 500

Commit period: Jan 25, 2016 to Feb 9, 2016 – 14 days

Commit number: 4

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

1# add a new activity.

2# add a use permission and a use feature. Add singleTop launch mode in an activity. Add a new activity.

3# add a setting activity.

4# add configChanges in an activity.

340. <https://github.com/WilmOr/giggity>

Project created date: 2016-05-28

Download in play store: 5,000 - 10,000

Commit period: Mar 10, 2016 to Apr 19, 2017 – 1 yr. 1 month

Commit number: 16

No. of developers involved: 1

App components: activity – 5 service – 1 receiver – 1 provider – 1

Exclusive version and uses-sdk related commit: 10

1# upgrade min sdk from 15 to 19 and target sdk from 17 to 21. Add app theme.

2# version update.

3# downgrade min sdk from 19 to 16.

4# change app theme.

5# version update.

6# add a use permission.

7#, 8#, 9# version update.

10# upgrade target sdk from 21 to 24.

11# version update.

12# remove a use permission. add a provider component.

13# version update.

14# add a use permission. add exported="true" in an activity.

15# version update.

16# add an intent filter in an activity.

341. <https://github.com/restorer/gloomy-dungeons-2>

Project created date: 2014-11-13
Download in play store: 100,000 - 500,000
Commit period: Dec 9, 2014 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 2 service – 1 receiver – 2 provider –

1# correct supports-screens tag name.

342. <https://github.com/linuxtage/glt-companion>

Project created date: 2015-03-16
Download in play store: 100 - 500
Commit period: Dec 23, 2014 to Mar 6, 2017 – 2 yrs. 2 months
Commit number: 32
No. of developers involved: 3(21, 10, 1)
App components: activity – 8 service – 1 receiver – 1 provider – 2
Exclusive version and uses-sdk related commit: 11

1# version update.
2# version update. Upgrade target sdk from 19 to 21. Add theme in an activity.
3# version update.
4# add theme in an activity.
5#, 6# add an intent filter in an activity.
7# add theme in an activity.
8# version update.
9# add parent activity name in two activities. Add a parent activity meta-data in an activity.
10# change package name. version update. Change package name in app and components.
11# formatting changes.
12# version update.
13# change package name. change app name. change package structure in 8 activities, a service, a receiver, and a provider.
14#, 15#, 16#, 17#, 18# version update.
19# change app icon.
20# version update.
21# remove version and uses-sdk.
22#, 23# change theme in an activity.
24# add android:supportsRtl="true".
25# remove android:hardwareAccelerated="true".
26# add labels in three activities.
27# add an intent filter in an activity.
28# change theme of an activity.
29# add a meta-data in an activity.
30# use shorthand in app name. replace package name with a placeholder in an authorities of a provider and a data elements.
31# add a provider component.
32# change theme of an activity.

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

Project created date: 2015-06-15

Download in play store: 10,000 - 50,000

Commit period: Aug 10, 2015 to May 28, 2017 – 1 yr. 9 months

Commit number: 70

No. of developers involved: 7 (58, 5, 3, 1, 1, 1, 1)

App components: activity – 16 service – 4 receiver – 4 provider – 1

1# change package structure of an activity. Add a new activity.

2# add theme in an activity.

3# add android:supportsRtl="true".

4# change app theme. Add a new activity.

5# add portrait orientation in an activity.

6# add theme in an activity.

7# add a new activity.

8# change theme of an activity.

9# add a license activity. remove portrait orientation from an activity.

10# add app name and two meta-data.

11# change app name.

12# remove two meta-data from app.

13# change theme of an activity.

14# add configChanges in an activity. Add two receivers and two services.

15# add a new activity.

16# formatting change.

17# move an attribute inside an activity tag.

18# change application tag (incorrectly).

19# correct application tag. Remove label, parent activity name and its meta-data from an activity.

20# add label, parent activity name and its meta-data in an activity.

21# add a meta-data in app.

22# add theme in an activity.

23# add about activity.

24# add a new activity.

25# add use permissions.

26# add a provider component.

27# revert 24#.

28# add a service component.

29# revert 28#.

30# repeat 28#.

31# change package structure of a service name. replace package name with a variable in authorities of a provider.

32# formatting change.

33# change value of authorities in a provider.

34#, 35# add a new activity.

36# add four new activities.

37# remove an activity.
38# add a use permission and a new activity.
39# add a new activity.
40# add a permission and a use permission.
41# add a use feature. Add an intent filter and a meta-data in an activity.
42# add label, windowSoftInputMode, screenOrientation, and parent activity name and its meta-data in an activity.
43# add android:windowSoftInputMode="stateVisible" in six activities.
44# change required value to false in a use feature. Add required="false" in a use permission.
45# add a new activity.
46# revert 45#.
47# add xmlns:tools. Add a use permission.
48# add copyright.
49# remove three services, two receivers, and a meta-data.
50# remove a use permission. add two use permissions. add a receiver and a service components.
51# remove xmlns:tools. Remove a duplicate use permission. add a meta-data in app.
52# change name of two activities.
53# change label of an activity.
54# add android:readPermission in a provider.
55# add a new activity and make it main activity.
56# add a service component.
57# change name of an activity.
58# remove a use permission and a use feature. Add a new activity.
59# revert 58#.
60# formatting change.
61# change name of an activity.
62# add a use feature.
63# formatting changes.
64# add a use permission. add a receiver and an activity components.
65# change package name of a receiver and change value of enabled to false.
66# remove a receiver. add a receiver.
67# add an action in an intent filter.
68# change name of an activity.
69# add a meta-data in an activity.
70# add portrait orientation in an activity.

344. <https://github.com/geOrg/gamemasterdice>

Project created date: 2011-09-17

Download in play store: 10,000 - 50,000

Commit period: Sep 18, 2011 to Jul 8, 2014 – 2 yrs. 9 months

Commit number: 8

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 7

1# version update. Add min and target sdk.
2#, 3#, 4#, 5#, 6# version update.
7# use shorthand in an activity name.
8# version update.

345. <https://github.com/ligi/gobandroid>

Project created date: 2009-12-18
Download in play store: 100,000 - 500,000
Commit period: Jan 3, 2014 to Mar 13, 2016 – 2 yrs. 2 months
Commit number: 12
No. of developers involved: 1
App components: activity – 19 service – receiver – provider –
Exclusive version and uses-sdk related commit: 2

1# upgrade target sdk from 17 to 19.
2# remove a receiver component.
3# remove version and uses-sdk.
4# change theme of an activity.
5# remove a permission and two use permissions. move uses-library inside application (incorrectly).
Add allowBackup="true" in application. Remove two activities, two receivers, and a service.
6# move an intent filter to another activity. Remove an activity.
7# use shorthand in an activity name.
8#, 9# remove an activity.
10# add data elements in an intent filter.
11# change app logo and icon.
12# add singleTask launch mode in an activity.

346. <https://github.com/qqq3/good-weather>

Project created date: 2015-11-20
Download in play store: 1,000 - 5,000
Commit period: Dec 2, 2015 to May 3, 2017 – 1 yr. 5 months
Commit number: 30
No. of developers involved: 2 (29, 1)
App components: activity – 6 service – 5 receiver – 3 provider –

1# add a setting activity.
2# add a parent activity meta-data in setting activity.
3# add parent activity name in the setting activity.
4# add a use permission.
5# add portrait orientation in two activities.
6# add about activity.
7# add themes in three activities.
8# add a meta-data in app. Add a new activity.
9# add android:windowSoftInputMode="adjustPan" in two activities.
10#, 11# add a use permission.
12# revert 8#.

13# remove android:windowSoftInputMode and change theme in an activity.
 14# add a new activity.
 15# add use permissions. remove android:allowBackup="true" and add android:installLocation="internalOnly" in application. Add a receiver and a service components.
 16# change name of a service.
 17# add two receivers and two services.
 18#, 19# add two actions in two intent filters.
 20# add a service component.
 21# remove about activity.
 22# add singleTop launch mode in an activity. Add two new activities.
 23# add label in an activity.
 24# remove screen orientation from an activity. Change themes in five activities.
 25# change label of an activity.
 26# add a license activity.
 27# add xmlns:tools. Add tools:ignore="GoogleAppIndexingUrlError" in an activity.
 28# add app name.
 29# add a service component.
 30# change app theme. Remove themes from 6 activities.

347. <https://github.com/evgenyzinoviev/gravitydefied>

Project created date: 2015-08-14
 Download in play store: 100,000 - 500,000
 Commit period:
 Commit number: 0

348. <https://github.com/greenaddress/GreenBits>

Project created date: 2015-01-21
 Download in play store: 10,000 - 50,000
 Commit period: Feb 2, 2015 to Apr 21, 2017 – 2 yrs. 2 months
 Commit number: 27
 No. of developers involved: 5 (22, 2, 1, 1, 1)
 App components: activity – 20 service – 1 receiver – provider –

1# remove an activity. add an activity.
 2# use shorthand in component names. Add a new activity.
 3# add a new activity.
 4# add a use feature.
 5# remove an activity.
 6# remove a comment.
 7# add a new activity.
 8# change value of allowBackup to false.
 9# add three use features.
 10# add a use permission. remove android:noHistory="true" from two activities.
 11# remove a use permission.
 12# formatting change.

13#, 14# add a new activity.
15# add android:supportsRtl="true". Add theme in an activity.
16# add xmlns:tools. Add tools:replace="android:allowBackup" in application. Add about activity.
17# change labels in two activities.
18#, 19# change label of an activity.
20# remove tools:replace="android:allowBackup" from application.
21# formatting change.
22# remove xmlns:tools.
23# add a new activity.
24# change name and label of an activity.
25# add android:windowSoftInputMode="adjustPan|stateAlwaysHidden" in an activity.
26# change value of windowSoftInputMode to adjustResize|stateAlwaysHidden in an activity.
27# add three new activities.

349. <https://github.com/gabrielelucci/greyscale-cmte>

Project created date: 2015-12-09
Download in play store: 50,000 - 100,000
Commit period: Dec 18, 2015 to Feb 13, 2016 – 2 months
Commit number: 3
No. of developers involved: 1
App components: activity – service – receiver – provider –

1# formatting change.
2# change app icon.
3# remove copyright.

350. <https://github.com/wbrenna/GTFSEOffline>

Project created date: 2013-12-11
Download in play store: 100 - 500
Commit period: Dec 23, 2013 to Jan 24, 2016 – 2 yrs. 1 month
Commit number: 8
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –
Exclusive version and uses-sdk related commit: 7

1#, 2#, 3# version update.
4# version update. Downgrade min sdk from 19 to 14. Add a use permission. add a new activity.
5#, 6#, 7#, 8# version update.

351. <https://github.com/zxalexis/guess>

Project created date: 2016-09-29
Download in play store:
Commit period: Oct 1, 2016 to Oct 2, 2016 – 2 days
Commit number: 4
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# remove uses-sdk.

2# version update.

3# remove version name and code.

4# add version name and code.

352. <https://github.com/tasomaniac/hackdash>

Project created date: 2014-03-19

Download in play store: 100 - 500

Commit period:

Commit number: 0

353. <https://github.com/klausw/hackerskeyboard>

Project created date: 2016-01-22

Download in play store: 1,000,000 - 5,000,000

Commit period: Oct 10, 2011 to Dec 11, 2016 – 5 yrs. 2 months

Commit number: 25

No. of developers involved: 1

App components: activity – 7 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 17

1#, 2#, 3#, 4#, 5# version update.

6# disable hardware acceleration.

7#, 8#, 9# add a new activity.

10#, 11#, 12#, 13#, 14#, 15# version update.

16# add android:restoreAnyVersion="true" in application.

17# upgrade target sdk from 11 to 19. Add android:allowBackup="true" in application.

18#, 19# remove a use permission.

20#, 21#, 22#, 23#, 24#, 25# version update.

354. <https://github.com/atd/HandyNotes>

Project created date: 2011-02-08

Download in play store: 10,000 - 50,000

Commit period: Feb 8, 2011 to Aug 2, 2016 – 5 yrs. 5 months

Commit number: 12

No. of developers involved: 3 (9, 2, 1)

App components: activity – 2 service – receiver – 8 provider –

Exclusive version and uses-sdk related commit: 6

1# remove android:debuggable="true" from application.

2# add android:windowSoftInputMode in two activities.

3# version update.

4# remove a receiver. Add five new receiver components.

5# version update.

6# add a receiver component.

7#, 8# version update.

9# add a receiver component.
10# version update.
11# add a receiver component.
12# upgrade min sdk from 3 to 4. Add target sdk.

355. <https://github.com/corcoran/Hangar>

Project created date: 2014-05-16
Download in play store: 50,000 - 100,000
Commit period: Mar 20, 2014 to Oct 26, 2016 – 2 yrs. 7 months
Commit number: 81
No. of developers involved: 1
App components: activity – 4 service – 1 receiver – 3 provider –
Exclusive version and uses-sdk related commit: 58

1# version update. Add process in a service.
2# version update.
3# change app icon.
4# version update.
5# version update. Add a receiver component.
6# change label of a receiver. Use shorthand in an activity name. add two new activities.
7# version update. Use shorthand in an activity name and add theme in the activity. Remove an activity.
8#, 9# version update.
10# version update. Add an intent filter in a receiver.
11#, 12# version update.
13# version update. Add two new activities.
14# add parent activity name in an activity.
15# add a receiver component.
16# change resource value of a meta-data.
17# add a new activity.
18# version update.
19# version update. Remove two activities.
20#, 21#, 22#, 23# version update.
24# version update. Add a use permission.
25# remove uses-sdk.
26# version update. Add configChanges in an activity.
27# version update. Change label of an activity.
28#, 29#, 30#, 31#, 32# version update.
33# version update. Add fully qualified name in component names. Add a new activity.
34#, 35#, 36#, 37#, 38#, 39# version update.
40# add max sdk in manifest tag (incorrectly).
41#, 42#, 43#, 44#, 45#, 46#, 47#, 48#, 49#, 50#, 51# version update.
52# replace string constant with string resource in an activity label.
53# add app logo. Add icon in two activities and a service.
54# version update.

55# add singleTop launch mode in an activity.
56#, 57#, 58#, 59#, 60#, 61#, 62#, 63#, 64#, 65#, 66#, 67#, 68#, 69# version update.
70# add xmlns:tools. Remove max sdk from manifest tag. Version update. Remove tools:ignore from a use permission. add a use permission. change theme in four activities.
71#, 72#, 73# version update.
74# version update. Add an intent filter in a receiver.
75#, 76#, 77#, 78# version update.
79# add a category in an intent filter of an activity.
80# version update.
81# remove version name and code.

356. https://github.com/haha01haha01/HaRail_Android

Project created date: 2014-12-07

Download in play store: 100 - 500

Commit period: Dec 8, 2014 to Dec 12, 2015 – 1 yr.

Commit number: 9

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 5

1# upgrade min sdk from 14 to 19. Downgrade target sdk from 21 to 19. Add portrait orientation in an activity.

2# add use permissions. add a service and an activity component.

3# add two new activities.

4# formatting change.

5# upgrade target sdk from 19 to 22.

6#, 7# version update.

8# upgrade target sdk from 22 to 23.

9# version update.

357. <https://github.com/kodejak/Hashr>

Project created date: 2015-02-09

Download in play store: 500 - 1,000

Commit period: Feb 10, 2015 to Jun 8, 2015 – 4 months

Commit number: 2

No. of developers involved: 2 (1, 1)

App components: activity – 1 service – receiver – provider –

1# add icon in an activity. Add nine intent filters in the activity.

2# add install location auto.

358. <https://github.com/seizonsenryaku/HayaiLauncher>

Project created date: 2015-07-25

Download in play store: 1,000 - 5,000

Commit period: Jul 25, 2015 to Jun 13, 2016 – 10 months

Commit number: 29

No. of developers involved: 3 (27, 1, 1)

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

- 1# change package name. change package name in 2 activities and a receiver.
- 2# remove a receiver component.
- 3# add three android:uses-permission inside manifest (incorrectly). Use shorthand in two activities names. Add about activity.
- 4# upgrade min sdk from 9 to 10. Remove three android:uses-permission.
- 5# use fully qualified name in components.
- 6# correct package name in component names.
- 7# upgrade target sdk from 21 to 22. Add android:alwaysRetainTaskState="true" in an activity.
- 8# add singleTop launch mode in an activity. Add a receiver component.
- 9# change orientation to portrait and add android:excludeFromRecents="true" in an activity.
- 10# add an action element in an intent filter of a receiver.
- 11# add android:windowSoftInputMode="adjustResize" in an activity.
- 12# upgrade min sdk from 10 to 15.
- 13#, 14# change app icon.
- 15# change package name. change package name 3 activities and a receiver.
- 16# add theme in an activity.
- 17#, 18# update version name and code.
- 19# remove version name and code.
- 20# remove an action from an intent filter.
- 21# remove a category from an intent filter.
- 22# add an action element.
- 23# remove android:excludeFromRecents="true" from an activity.
- 24# add a comment.
- 25# add a category in an intent filter.
- 26# remove a receiver component.
- 27# change launch mode to singleTask.
- 28# add a meta-data in app.
- 29# revert 28#.

359. <https://github.com/cryptofuture/urlhda-android>

Project created date: 2016-04-09

Download in play store:

Commit period: Apr 13, 2016 to Jun 24, 2016 – 2 months

Commit number: 2

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

- 1# remove version name and code.
- 2# add a use permission. add android:fullBackupContent in application. Add a setting activity.

360. <https://github.com/vanilla-music/vanilla-headphone-detector>

Project created date: 2013-08-26
Download in play store: 10,000 - 50,000
Commit period: Aug 26, 2013 to May 26, 2016 – 2 yrs. 9 months
Commit number: 9
No. of developers involved: 2 (5, 4)
App components: activity – 1 service – 1 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 3

1# add app theme.
2# version update.
3# version update. Remove app theme.
4# change app icon.
5# version update.
6#, 7# formatting change.
8# add android:allowBackup="true" in application.
9# upgrade target sdk from 16 to 23.

361. <https://github.com/cweiske/headphoneindicator>

Project created date: 2016-03-23
Download in play store: 10 - 50
Commit period: Mar 23, 2016 to Mar 27, 2016 – 4 days
Commit number: 3
No. of developers involved: 1
App components: activity – 1 service – 1 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 2

1# add version name and code.
2# change app icon.
3# version update. Add uses-sdk.

362. <https://github.com/borneq/HereGPSLocation>

Project created date: 2014-01-31
Download in play store:
Commit period:
Commit number: 0

363. <https://github.com/SoupeauCaillou/heriswap>

Project created date: 2014-06-17
Download in play store: 5,000 - 10,000
Commit period: Oct 6, 2014 to Feb 23, 2016 – 1 yr. 4 months
Commit number: 6
No. of developers involved: 2 (5, 1)
App components: activity – 1 service – 1 receiver – 1 provider –

1# remove app name. remove an activity. add an activity.
2# remove a use permission. remove a meta-data from app.
3# add a meta-data in app.

4# remove everything except manifest tag.

5# version update. Add a use feature, supports-gl-texture, and uses-sdk. Add app label and icon. Add android:allowBackup="true" android:debuggable="false" in application.

6# add a use permission.

364. <https://github.com/jajasuperman/HexColorTime>

Project created date: 2017-01-15

Download in play store:

Commit period:

Commit number: 0

365. <https://github.com/scoute-dich/HHSMoodle>

Project created date: 2016-08-08

Download in play store: 50 - 100

Commit period: Aug 10, 2016 to Jun 23, 2017– 10 months

Commit number: 57

No. of developers involved: 2 (31, 26)

App components: activity – 29 service – 2 receiver – 1 provider – 1

1# add a new activity.

2# remove configChanges from an activity. Add windowSoftInputMode in two activities.

3# add a use permission. add android:launchMode="singleTask" in application. Use shorthand in component names. Add two activities, a service, and a receiver.

4# change launch mode to singleTask in an activity. Add singleTask launch mode in two activities. Add theme in an activity.

5# remove use permissions.

6# replace configChanges with windowSoftInputMode in an activity. Change theme of an activity.

7# add an intent filter in an activity.

8# remove launch mode from an activity.

9# change launch mode to singleInstance in three activities. Remove screen orientation from an activity.

10# remove launch mode from an activity. Add android:noHistory="true" in an activity.

11# remove launch mode from application. Add singleTask launch mode in two activities. Change launch mode to singleTask in four activities. Remove an activity. Add a new activity and move an intent filter to this activity.

12# remove windowSoftInputMode from six activities.

13# add a use permission. add a new activity. Change label of an activity.

14# add an action in an intent filter. add an intent filter in an activity.

15# remove windowSoftInputMode from two activities. Add a receiver component.

16# add a new activity.

17# remove a use permission. use shorthand in an activity name and change theme of the activity. Remove two activities, a service, and a receiver. Add two new activities.

18# add a new activity.

19# revert 18#.

20# add use permissions. add a new activity.

21# change name of two activities. Remove an activity. add an activity.
22# remove label and add theme in an activity.
23# add android:windowSoftInputMode="stateAlwaysVisible" in an activity.
24# remove an activity. Add an intent filter in an activity.
25# no changes.
26# add a meta-data in an activity.
27# add a provider.
28# change name of a receiver.
29# change theme of an activity.
30#, 31# add a new activity.
32# add android:windowSoftInputMode="adjustResize" in an activity.
33# change package structure of 4 activities. change name of an activity. Add a new activity.
34# add three activities.
35# add an intent filter in an activity. Remove an intent filter from an activity. Add action elements in an intent filter. add a new activity. Remove three activities and a receiver.
36# add a use permission. remove an action from an intent filter. remove label and screen orientation from an activity. Remove label and an intent filter from two activities. Add an activity, a service, and a receiver components.
37# remove an activity.
38# add an action in an intent filter. change name of a receiver.
39# remove android:supportsRtl="false". Move an intent filter to another activity. Remove label from an activity. Add a new activity.
40# add about activity. Add android:excludeFromRecents="true" and android:noHistory="true" in four activities.
41# remove three activities.
42# add an intent filter in an activity. Add action elements in an intent filter. remove an activity. Remove android:excludeFromRecents="true" from four activities.
43# add a use permission. change action elements in two intent filters. Add ten activities.
44# add five activities.
45# add a new activity.
46# remove an activity.
47# remove a data element.
48# add a new activity.
49# remove an activity. Add a service component.
50# add a new activity.
51# add a new activity. Add an action in an intent filter.
52# add an action in an intent filter.
53# add a new activity.
54# remove two activities.
55# remove an activity.
56# add two new activities. Change theme of an activity.
57# add two activities. Add an intent filter in an activity.

Project created date: 2012-08-27
Download in play store: 50,000 - 100,000
Commit period:
Commit number: 0

367. <https://github.com/queler/holokenmod>

Project created date: 2015-04-08
Download in play store:
Commit period: Mar 5, 2016 to May 18, 2016 – 2 months
Commit number: 5
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –
Exclusive version and uses-sdk related commit: 5

1# version update.
2# remove uses-sdk.
3#, 4#, 5# version update.

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

Project created date: 2017-02-27
Download in play store:
Commit period: Mar 1, 2017 to Jul 14, 2017 – 4 months
Commit number: 9
No. of developers involved: 2 (8, 1)
App components: activity – service – 1 receiver – provider –

1# add xml encoding tag. Add a service component.
2# change allowBackup to false.
3# add a use permission.
4# add a new activity.
5# add a setting activity.
6# add use permissions. add a parent activity name in setting activity. Add a receiver.
7# add android:supportsRtl="true".
8# add android:exported="true" in an activity. Add a new activity.
9# remove use permissions. remove four activities and a receiver.

369. <https://github.com/HopEdia/android-client>

Project created date: 2016-07-25
Download in play store:
Commit period: Jul 29, 2016 to Sep 8, 2016 – 1 month
Commit number: 2
No. of developers involved: 1
App components: activity – 4 service – receiver – provider – 2
Exclusive version and uses-sdk related commit: 1

1# upgrade target sdk from 23 to 24.
2# change app name.

370. <https://github.com/jpriebe/hotdeath>

Project created date: 2015-01-12

Download in play store: 10,000 - 50,000

Commit period: May 17, 2011 to Mar 3, 2012 – 11 months

Commit number: 10

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 9

1# version update. Add install location auto. Remove screen orientation and configChanges from three activities.

2#, 3#, 4#, 5#, 6#, 7#, 8#, 9#, 10# version update.

371. https://github.com/alaskalinuxuser/app_hourglass

Project created date: 2017-02-28

Download in play store: 1,000 - 5,000

Commit period:

Commit number: 0

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

372. https://github.com/derecksm/hubble_gallery

Project created date: 2015-05-24

Download in play store: 50,000 - 100,000

Commit period: May 24, 2015 to Nov 16, 2016 – 5 months

Commit number: 12

No. of developers involved: 2 (11, 1)

App components: activity – 4 service – receiver – provider –

1# change package name. Use fully qualified name in activities.

2# remove use permissions.

3# add app name.

4# use shorthand in component names. Add a new activity.

5# change name of an activity.

6# formatting change.

7# change package structure in 4 activities.

8# change package structure in 4 activities.

9# remove a meta-data from app.

10# add a meta-data in app.

11# change name of two activities. Change parent activity name in two activities.

12# change name of an activity.

373. <https://github.com/kostmo/android-spiral-wallpaper>

Project created date: 2015-03-29

Download in play store: 10,000 - 50,000

Commit period: Sep 25, 2010 to May 13, 2012 – 1 yr. 7 months

Commit number: 8

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 7

1#, 2#, 3#, 4#, 5# version update.

6# version update. Comment out an activity. Remove a use permission.

7# upgrade min and target sdk from 7 to 8.

8# version update.

374. <https://github.com/1C3/ICEcons>

Project created date: 2016-03-31

Download in play store:

Commit period: Apr 1, 2016 to Jun 6, 2016 – 2 months

Commit number: 13

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 6

1# remove three intent filters. Add an action in an intent filter.

2# add an intent filter in an activity.

3# add a use permission. add two new activities.

4# add a use permission.

5# add a license activity.

6# add version name and code. Add min and target sdk in manifest tag.

7# version update.

8# version update. Add a new activity.

9#, 10#, 11#, 12#, 13# version update.

375. <https://github.com/dkanada/frost>

Project created date: 2017-05-11

Download in play store:

Commit period: Apr 1, 2016 to May 13, 2017 – 1 yr. 1 month

Commit number: 16

No. of developers involved: 2 (13, 3)

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 6

1# remove three intent filters. Add an action in an intent filter.

2# add an intent filter in an activity.

3# add a use permission. add two new activities.

4# add a use permission.

5# add a license activity.

6# add version name and code. Add min and target sdk in manifest tag.

7# version update.

8# version update. Add a new activity.
9#, 10#, 11#, 12#, 13# version update.
14# remove version name and code. Remove min and target sdk from manifest.
15# change package structure in 5 activities.
16# change package name. Use fully qualified names in components.

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

Project created date: 2013-02-16

Download in play store:

Commit period: Mar 7, 2013 to Oct 3, 2016 – 3 yrs. 4 months

Commit number: 149

No. of developers involved: 6 (79, 52, 12, 3, 2, 1)

App components: activity – 6 service – receiver – provider –

Exclusive version and uses-sdk related commit: 107

1# downgrade target sdk from 17 to 10.
2# formatting changes.
3# remove an intent filter from an activity.
4# version update. Add a use permission.
5# version update.
6# upgrade min sdk from 8 to 11 and target sdk from 10 to 17.
7# version update. Upgrade min sdk from 11 to 14.
8# add a data element in an intent filter.
9# change app icon.
10#, 11# version update.
12# version update. Add a new activity.
13# version update.
14# formatting change.
15# add a use permission.
16#, 17#, 18#, 19#, 20#, 21#, 22# version update.
23# change app icon.
24#, 25#, 26#, 27# version update.
28# add android:uiOptions="splitActionBarWhenNarrow" in application.
29# version update.
30# formatting change.
31# version update.
32# add use permissions.
33#, 34#, 35# version update.
36# add a category in an intent filter. add a uses-library. Add five meta-data in app.
37# version update.
38# add singleTop launch mode in an activity. Add an intent filter in an activity. Add a meta-data in an activity. Add a meta-data in app.
39#, 40#, 41#, 42#, 43#, 44#, 45#, 46# version update.
47# add an intent filter in an activity.
48#, 49# version update.

50# add two new activities.
51# formatting change.
52# add icon in an activity.
53#, 54#, 55#, 56#, 57#, 58#, 59#, 60#, 61#, 62# version update.
63# version update. Upgrade target sdk from 17 to 18.
64# change name of an activity. Add a new activity.
65# version update.
66# version update. Use shorthand in an activity name.
67#, 68# version update.
69# change label of four activities.
70#, 71# version update.
72# remove android:uiOptions="splitActionBarWhenNarrow" from application.
73#, 74#, 75#, 76#, 77#, 78#, 79# version update.
80# add install location auto.
81# version update.
82# add a use permission. add app name.
83# version update.
84# use shorthand in component names. Change value of exported to true in an activity.
85# change exported to false again.
86# use shorthand in value of a meta-data.
87# upgrade target sdk from 18 to 19.
88#, 89# version update.
90# change theme of an activity.
91# remove use permissions.
92# remove themes from four activities.
93# version update.
94# change an activity icon.
95#, 96#, 97# version update.
98# remove uiMode from configChanges of an activity.
99# add a use permission.
100# add an action element.
101# use fully qualified name in components.
102# version update.
103# add two intent filters in an activity.
104# change mime type in a data element.
105# version update.
106# add a new activity.
107#, 108#, 109#, 110#, 111# version update.
112# change name of two activities.
113# - 128# version update.
129# change launch mode to singleTask in an activity. Move two intent filters to another activity.
130#, 131#, 132#, 133#, 134#, 135#, 136#, 137#, 138# version update.
139# add two data elements in an intent filter.
140#, 141#, 142#, 143#, 144#, 145#, 146#, 147#, 148# version update.

149# add four data elements in an intent filter.

377. <https://github.com/nbenm/ImapNote2>

Project created date: 2014-10-25

Download in play store: 10,000 - 50,000

Commit period: Feb 15, 2016 – 1 day

Commit number: 2

No. of developers involved: 1

App components: activity – 4 service – 2 receiver – provider – 1

Exclusive version and uses-sdk related commit: 1

1# change app name.

2# version update.

378. <https://github.com/itprojects/InboxPager>

Project created date: 2016-09-16

Download in play store:

Commit period: Jan 7, 2017 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 8 service – receiver – provider –

1# add a new activity.

379. <https://github.com/x1125/initd-light>

Project created date: 2017-09-17

Download in play store:

Commit period:

Commit number: 0

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

Project created date: 2012-05-31

Download in play store: XXXXXXXX

Commit period: May 28, 2014 to Aug 19, 2016 – 2 yrs. 2 months

Commit number: 8

No. of developers involved: 3 (6, 1, 1)

App components: activity – 4 service – receiver – provider –

1# remove version and uses-sdk. change app icon and theme. Add two intent filters in an activity.

2# change name of an activity. Add two new activities.

3# add label in thirteen intent filters.

4# add android:allowBackup="true".

5# add a category in an intent filter.

6# add install location auto.

7# add data elements in an intent filter.

8# add a data element in an intent filter.

381. https://github.com/smblott-github/intent_radio

Project created date: 2014-03-07

Download in play store: 1,000 - 5,000

Commit period: Feb 19, 2014 to Oct 10, 2015 – 1 yr. 7 months

Commit number: 51

No. of developers involved: 1

App components: activity – service – receiver – provider –

Exclusive version and uses-sdk related commit: 29

1# formatting change.

2#, 3# add a use permission.

4# remove an intent filter.

5# revert 4#.

6# change label of an activity.

7# change package name. change package name in two action elements.

8# add min sdk.

9# version update.

10# formatting change.

11# change app icon.

12# add a use permission.

13#, 14#, 15#, 16# version update.

17# add two action elements in an intent filter.

18#, 19# version update.

20# add two new activities.

21# replace version name with string resource.

22# version update.

23# remove duplicate activity.

24# add a use permission.

25# add five intent filters in an activity.

26# revert 25#.

27# add an intent filter in an activity.

28# add an action in an intent filter.

29# version update.

30# add a data element in an intent filter.

31#, 32#, 33#, 34#, 35#, 36#, 37# version update.

38# add an action in an intent filter.

39# revert 38#.

40# remove version name and code. Remove use permissions. remove everything inside application.

41# upgrade min sdk from 16 to 17.

42# revert 41#.

43# add version code.

44# add version name.

45# change resource folder of version code.

46# replace resource with constants in version name and code.

47#, 48#, 49#, 50#, 51# version update.

382. https://github.com/salvadorp2001/Inventory_Taker

Project created date: 2015-04-23

Download in play store:

Commit period: Jun 16, 2017 to Aug 1, 2017 – 1 month

Commit number: 2

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# change app icon and round icon.

2# add version code in application tag.

383. <https://github.com/ggg3/inventum>

Project created date: 2017-01-08

Download in play store: 100 - 500

Commit period: Jan 9, 2017 to Jan 25, 2017 – 16 days

Commit number: 3

No. of developers involved: 1

App components: activity – 12 service – receiver – provider – 1

1# add app round icon.

2# change package name. change app name. use fully qualified name in components.

3# add two new activities.

384. <https://github.com/ligi/IPFSDroid>

Project created date: 2016-04-27

Download in play store: 1,000 - 5,000

Commit period: May 2, 2016 to Jun 23, 2016 – 2 months

Commit number: 6

No. of developers involved: 1

App components: activity – 5 service – 1 receiver – provider –

1# add seven intent filters in an activity.

2# remove an intent filter from an activity. Remove host from a data element.

3# add a service component.

4# add app name.

5# add a use permission. add two new activities.

6# add a new activity.

385. <https://github.com/irssiconnectbot/irssiconnectbot>

Project created date: 2011-01-11

Download in play store: 100,000 - 500,000

Commit period: Nov 18, 2007 to Dec 30, 2012 – 5 yrs. 1 month

Commit number: 196

No. of developers involved: 7 (165, 17, 9, 2, 1, 1, 1)

App components: activity – 11 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 161

1# add app label. Change label of an intent filter.
2# add two new activities.
3# change class and label of an activity. Remove an intent filter.
4# replace class attribute with name attribute in components. Replace android:value attribute with android:name attribute in action and category elements.
5# move main intent filter to another activity. Replace android:value attribute with android:mimeType attribute in type elements.
6# move main intent filter back to the activity. Replace type elements with data elements.
7# change a comment.
8# replace string resource with constant string in app label. Add a service and an activity.
9# change package name. change app label. Add an activity. Remove main intent filter from an activity. Remove label, theme, and filter from an activity. Use fully qualified name in four activities.
10# add an intent filter in two activities. Add setting and about activities.
11# add a new activity.
12# add version name and code. Replace constant with string resource in app label. Add description in app. Change name of four activities. Add configChanges in four activities and a service. Remove five activities and a provider.
13# add a use permission.
14# remove an activity.
15# version update.
16# add two new activities.
17# remove screen orientation from an activity.
18# version update.
19# add a new activity.
20# add two new activities.
21# add a use permission.
22# add theme in an activity. Add a use permission.
23# version update.
24# add android:windowSoftInputMode in an activity. Add min sdk.
25# version update.
26# add data elements in an intent filter.
27#, 28#, 29# version update.
30# version update. Add a new activity.
31# - 80# version update.
81# version update. Add target sdk. Add empty supports-screens.
82#, 83#, 84# version update.
85# version update. Add a use permission.
86#, 87#, 88#, 89#, 90#, 91#, 92#, 93#, 94# version update.
95# version update. Upgrade target sdk from 4 to 6.
96#, 97#, 98#, 99#, 100#, 101#, 102#, 103# version update.
104# version update. Add singleTop launch mode in an activity.
105#, 106#, 107# version update.
108# version update. Add a category in an intent filter.
109# - 128# version update.

129# add android:backupAgent in application. Upgrade target sdk from 6 to 8.
 130# version update. Add install location auto. Add allowBackup="true" and killAfterRestore="true" in application.
 131# version update.
 132# version update. Change package name. change package name in a service name.
 133# version update. Downgrade target sdk from 8 to 6.
 134#, 135#, 136#, 137#, 138# version update.
 139# version update. Add description in a service.
 140#, 141#, 142#, 143#, 144#, 145#, 146#, 147#, 148#, 149#, 150#, 151# version update.
 152# version update. Remove a use permission.
 153# add an intent filter in an activity.
 154# - 169# version update.
 170#, 171#, 172# version update.
 173# version update. Upgrade target sdk form 8 to 9.
 174#, 175# version update.
 176# version update. Add a use permission.
 177#, 178#, 179# version update.
 180# remove an error.
 181#, 182#, 183# version update.
 184# upgrade target sdk from 9 to 11.
 185#, 186#, 187#, 188# version update.
 189# version update. Add a meta-data in app.
 190# version update.
 191# change theme of an activity.
 192# revert 191#.
 193#, 194#, 195# version update.
 196# version update. Remove android:allowBackup="true" and android:backupAgent=".service.BackupAgent" from application.

386. <https://github.com/seguri/IsPhoneEncrypted>

Project created date: 2016-08-11
 Download in play store:
 Commit period:
 Commit number: 0

387. <https://github.com/VelbazhdSoftwareLLC/lthakaBoardGame>

Project created date: 2016-01-02
 Download in play store: XXXXXXXX
 Commit period: Apr 28, 2016 to Mar 8, 2017 – 10 months
 Commit number: 4
 No. of developers involved: 1
 App components: activity – 5 service – receiver – provider –
 Exclusive version and uses-sdk related commit: 2

1# add use permissions. change value of a meta-data in an activity. Add a new activity.

- 2# version update.
- 3# upgrade target sdk from 15 to 23.
- 4# formatting change.

388. <https://github.com/enricocid/iven-feed-reader>

Project created date: 2014-12-07

Download in play store: 1,000 - 5,000

Commit period: Jul 29, 2015 to Jun 12, 2017 – 1 yr. 10 months

Commit number: 54

No. of developers involved: 1

App components: activity – 6 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 34

1# add xmlns:tools. Add tools:overrideLibrary in uses-sdk.

2# version update.

3# version update. Add tools:replace="android:allowBackup" in application.

4# version update.

5# change app icon.

6# upgrade min sdk from 7 to 9. Remove tools:overrideLibrary from uses-sdk.

7# version update.

8# remove version and uses-sdk. Change label of an activity.

9# add android:icon in tools:replace in application.

10# add version and uses-sdk.

11#, 12# formatting change.

13#, 14#, 15#, 16#, 17# version update.

18# change theme in app and 3 activities.

19# add a new activity.

20# version update. Revert 19#.

21#, 22#, 23#, 24#, 25#, 26#, 27#, 28# version update.

29# change theme in two activities.

30#, 31#, 32#, 33#, 34#, 35#, 36#, 37#, 38# version update.

39# version update. Add a new activity.

40# remove a use permission.

41# change label of an activity. Remove label from an activity.

42#, 43#, 44#, 45#, 46#, 47#, 48# version update.

49# remove version and uses-sdk.

50# add about activity.

51# add round icon in app.

52# add a use permission. add a service and a receiver components.

53# add portrait orientation in an activity.

54# change app theme. Use shorthand in activities names. Change theme in four activities.

389. <https://github.com/richardchien/jigsaw-android>

Project created date: 2016-05-15

Download in play store: 10 - 50

Commit period: May 16, 2016 – 1 day

Commit number: 2

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# add a new activity.

2# add xmlns:tools. Add app name. add android:fullBackupContent="true" and tools:ignore="GoogleAppIndexingWarning" in application. Change package structure of 2 activities names.

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

Project created date: 2010-02-16

Download in play store: XXXXXXXX

Commit period: Mar 15, 2010 to Sep 11, 2012 – 2 yrs. 5 months

Commit number: 20

No. of developers involved: 6 (12, 2, 2, 2, 1, 1)

App components: activity – 14 service – 2 receiver – provider –

Exclusive version and uses-sdk related commit: 13

1# version update.

2# remove use permissions.

3#, 4#, 5# version update.

6# add install location auto. Upgrade min sdk from 3 to 4 and target sdk from 5 to 8.

7# add a new activity and move an intent filter to this activity.

8#, 9# version update.

10# add an intent filter in an activity. Add a new activity and make it main activity.

11#, 12#, 13#, 14#, 15# version update.

16# add a use permission. upgrade target sdk from 8 to 10. Add a new activity.

17# change name of an activity.

18# version update.

19# upgrade min sdk from 4 to 9.

20# add a use permission.

391. https://github.com/aragaer/jtt_android

Project created date: 2012-01-03

Download in play store: 1,000 - 5,000

Commit period: Jun 4, 2017 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – 4 provider –

Exclusive version and uses-sdk related commit: 1

1# version update.

392. <https://github.com/jannispinter/jaws>

Project created date: 2015-08-23

Download in play store: 1,000 - 5,000

Commit period: Aug 26, 2015 to Nov 15, 2015 – 2 months

Commit number: 3

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# use shorthand in activities names. Add parent activity meta-data in an activity. Add a setting activity.

2# add configChanges in an activity.

3# add a use permission.

393. <https://github.com/marunjar/anewjkuapp>

Project created date: 2014-05-03

Download in play store: 1,000 - 5,000

Commit period: Sep 2, 2014 to May 14, 2017 – 2 yrs. 8 months

Commit number: 37

No. of developers involved: 2 (36, 1)

App components: activity – 5 service – 6 receiver – 1 provider – 2

Exclusive version and uses-sdk related commit: 11

1# version update. Upgrade min sdk from 10 to 14.

2# version update.

3# change app theme.

4#, 5#, 6# version update.

7# add about activity.

8# add parent activity name and its meta-data in three activities.

9# change a service icon.

10# version update. Downgrade target sdk from 20 to 19.

11#, 12# version update.

13# add a new activity.

14#, 15# version update.

16# remove version and uses-sdk.

17# add singleTop launch mode in an activity.

18# add a service component.

19# remove a service.

20# add a service.

21# add a use permission and a boot receiver component.

22# change app icon.

23# correct app theme.

24# remove a meta-data from app.

25# replace package name with app id in authorities of two providers.

26# replace app id with string resources in authorities of two providers.

27# use fully qualified names in component names.

28# add android:supportsRtl="false" in application.

29# add xmlns:tools. Change allowBackup to false. Add tools:replace="android:allowBackup" in application.

30# change app theme.

- 31# formatting change.
- 32# remove tools:replace="android:allowBackup".
- 33# remove xmlns:tools.
- 34# change a service icon.
- 35# add round icon in app.
- 36# add maxSdkVersion in four use permissions.
- 37# remove an activity.

394. <https://github.com/JTechMe/JumpGo>

Project created date: 2015-12-28

Download in play store: 1,000 - 5,000

Commit period: Jan 29, 2016 to Nov 3, 2017 – 1 yr. 9 months

Commit number: 22

No. of developers involved: 1

App components: activity – 5 service – 1 receiver – provider – 1

- 1# add a use permission. add a new activity.
- 2# remove an activity.
- 3# change app icon.
- 4# add xmlns:tools. Remove a use permission. change app icon. Add tools:ignore="GoogleAppIndexingUrlError" in a data element.
- 5#, 6# change app icon.
- 7# change app icon. Add android:resizeableActivity="true" in application.
- 8# change app icon.
- 9# add a use permission.
- 10# change app icon. Add a category in an intent filter. add a uses-library and a meta-data in app.
- 11#, 12#, 13# change app icon.
- 14# change app icon. Add round icon.
- 15# add install location auto. Use shorthand in app name. change app round icon. Remove android:resizeableActivity="true" from application. Add four meta-data in app. Use shorthand in activities names. add windowSoftInputMode="adjustResize" in two activities. Add screenSize|smallestScreenSize in configChanges of four activities. Remove a category from an intent filter. add two intent filter in an activity. Remove a data element. Remove process from an activity. Add a provider and a service component. Remove uses-library and a meta-data from app.
- 16# change app icon and round icon. Add a category in an intent filter.
- 17# add two service components.
- 18# add three meta-data in app.
- 19# revert 17#.
- 20# change app icon and round icon.
- 21# add a use permission.
- 22# add a new activity.

395. <https://github.com/jarofgreen/Just-A-Damn-Compass>

Project created date: 2011-12-27

Download in play store: 1,000 - 5,000

Commit period: Dec 28, 2011 to Dec 31, 2011 – 3 days
Commit number: 2
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# add about activity.
2# version update.

396. https://github.com/alaskalinuxuser/app_justcraigslist

Project created date: 2017-04-06
Download in play store: XXXXXXX
Commit period: Apr 12, 2017 to Apr 14, 2017 – 2 days
Commit number: 3
No. of developers involved: 1
App components: activity – 8 service – receiver – provider –

1#, 2# add a new activity.
3# add a setting activity.

397. https://github.com/alaskalinuxuser/app_justnotes

Project created date: 2017-03-24
Download in play store: 100 - 500
Commit period: Mar 31, 2017 to Apr 8, 2017 – 8 days
Commit number: 2
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –

1# add use permissions.
2# add a setting activity.

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

Project created date: 2011-02-04
Download in play store: 5,000,000 - 10,000,000
Commit period: Jan 30, 2015 to Oct 15, 2017 – 2 yrs. 8 months
Commit number: 20
No. of developers involved: 6 (12, 4, 1, 1, 1, 1)
App components: activity – 29 service – 8 receiver – 6 provider – 5
Exclusive version and uses-sdk related commit: 2

1# add a provider component.
2# replace package name with app id.
3# use fully qualified name in value of a meta-data.
4# replace package name with app id in authorities of a provider.
5# version update.
6# change package structure of a service name.
7# move version name and code to gradle.
8# add android:allowBackup="false" in application.

9# change name and authorities of a provider. change resource of a meta-data in the provider.
 10# remove an intent filter from an activity.
 11# add a meta-data in a provider.
 12# add a new provider.
 13# add a new activity.
 14# add an activity, a receiver, and a service component.
 15# formatting change.
 16# remove an activity.
 17# change name and icon of a receiver. Change meat-data resource value in the receiver. Change name of a service.
 18# add android:resizeableActivity="true" in application.
 19# add an intent filter in an activity.
 20# add a new activity.

399. <https://github.com/scoute-dich/K9-MailClient>

Project created date: 2016-07-08
 Download in play store: 1,000 - 5,000
 Commit period: Nov 24, 2016 to Mar 21, 2017 – 4 months
 Commit number: 2
 No. of developers involved: 2 (1, 1)
 App components: activity – 27 service – 7 receiver – 5 provider – 5

 1# add a provider component.
 2# no changes.

400. <https://github.com/prrt714/Kaleidoscope>

Project created date: 2012-04-30
 Download in play store: 10,000 - 50,000
 Commit period: Apr 21, 2016 to Apr 24, 2016 – 3 days
 Commit number: 3
 No. of developers involved: 1
 App components: activity – 4 service – receiver – provider –
 Exclusive version and uses-sdk related commit: 2

 1#, 2# version update.
 3# version update. Change install location to auto.

401. <https://github.com/andresth/Kandroid>

Project created date: 2016-12-30
 Download in play store:
 Commit period: Jan 1, 2017 to Aug 4, 2017 – 7 months
 Commit number: 12
 No. of developers involved: 1
 App components: activity – 6 service – 1 receiver – provider –

 1# add use permissions.
 2# change app icon.

3# add about activity.
4# add an intent filter in an activity and change value of the parent activity meta-data. Add a setting activity.
5# remove use permissions.
6# add a new activity.
7# change app icon.
8# change package structure in 5 activities names.
9# add a use permission. add app name.
10# add a new activity.
11# add use permissions.
12# add a service component.

402. <https://github.com/bpellin/keepassdroid>

Project created date: 2009-01-05
Download in play store: 1,000,000 - 5,000,000
Commit period: Jan 4, 2016 to Nov 3, 2017 – 1 yr. 10 months
Commit number: 7
No. of developers involved: 3 (4, 2, 1)
App components: activity – 15 service – 1 receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# remove version and uses-sdk.
2# formatting change.
3# add an intent filter in an activity.
4# add a meta-data in app.
5# add a use permission.
6# formatting change.
7# add android:fullBackupContent in application.

403. <https://github.com/NHellFire/KernelAdiutor>

Project created date: 2017-04-25
Download in play store: 1,000,000 - 5,000,000
Commit period: Dec 27, 2014 to Sep 29, 2017 – 2 yrs. 9 months
Commit number: 54
No. of developers involved: 1
App components: activity – 16 service – 4 receiver – 5 provider –

1# add a receiver.
2# place an action in a new intent filter.
3# change app icon.
4# use shorthand in a receiver name.
5# add a receiver and a service component.
6# use shorthand in a receiver and a service components.
7# add a service component.
8# add locale in configChanges of an activity.
9# change theme in app and two activities. Add locale in configChanges of two activities.

10# change package structure in 2 services and 2 receivers. Add a new service component.
11# add icon in a service.
12# add a use permission.
13# use fully qualified name in components.
14# remove an activity.
15# change theme of an activity.
16# add a use permission. add a new activity.
17# add a service component.
18# formatting change.
19# add a new activity.
20# remove a use permission. add a use permission.
21# add a use permission. use shorthand in component names.
22# add a meta-data in app.
23# revert 22#.
24# add android:supportsRtl="true".
25# remove a use permission. add a use permission. add a new activity.
26# add a new activity.
27# remove themes from three activities.
28# add three use features. Add app banner. Add keyboard|navigation in configChanges of six activities. Add leanback and default categories in an intent filter.
29# add an activity and a receiver component.
30# add a use permission. add a receiver component.
31# remove label from an activity. Add a new activity. Change action name in an intent filter.
32# add android:fullBackupContent="true" in application.
33# add a new activity.
34# Remove a use permission. add use permissions. Remove three use features. Remove banner. Remove leanback and default categories from an intent filter. remove locale|keyboard|keyboardHidden|orientation|screenSize|navigation from an activity. move an intent filter. remove seven activities. Change name of a service. Remove two services. Add a service. Change name of a receiver. remove three receivers. Add four receivers.
35# add a meta-data in app.
36# add a use permission.
37# revert 35#.
38# change app theme.
39# add a meta-data and four new activities.
40# add a use permission. remove four activities and add three new activities.
41# add a new activity alias.
42# add a new activity.
43# remove three activities.
44# add a use feature. Add app banner. Add leanback category in an intent filter. add banner and leanback category in an activity alias. Remove priority from an intent filter.
45# remove a use permission.
46# remove setting activity.
47# add a new activity.

48# remove android:exported="false" from a receiver.
49# change app theme.
50# add a meta-data in an activity and a meta-data in an activity alias.
51# add a use feature.
52# add a service component.
53# add android:enabled="true", android:exported="true", and a default category in a receiver.
54# add a new activity.

404. <https://github.com/aario/killcamera>

Project created date: 2017-03-14
Download in play store: 10 - 50
Commit period:
Commit number: 0

405. <https://github.com/Neamar/KISS>

Project created date: 2012-10-02
Download in play store: 100,000 - 500,000
Commit period: Aug 31, 2014 to Nov 4, 2017 – 3 yrs. 2 months
Commit number: 117
No. of developers involved: 10 (91, 8, 6, 3, 2, 2, 2, 1, 1, 1)
App components: activity – 3 service – 7 receiver – 6 provider –
Exclusive version and uses-sdk related commit: 71

1# upgrade target sdk from 17 to 19.
2# version update.
3# version update. Remove uses-sdk.
4# version update.
5# add portrait orientation in an activity.
6# remove a receiver component.
7# change package name. use fully qualified name in component names.
8# change value of backupAgent and change app theme. Change name of an activity.
9#, 10#, 11#, 12#, 13# version update.
14# remove backupAgent and a meta-data from app.
15#, 16# formatting change.
17#, 18# version update.
19# add use permissions.
20# version update.
21# add theme in an activity.
22#, 23#, 24#, 25#, 26# version update.
27# formatting change.
28#, 29#, 30#, 31#, 32# version update.
33# add singleTop launch mode in an activity.
34# add stateAlwaysHidden in windowSoftInputMode of an activity.
35# change launch mode singleTask and add android:clearTaskOnLaunch="true" in an activity.
36#, 37# version update.

38# change name of a receiver.
39# add a use permission. add a receiver.
40#, 41#, 42# version update.
43# add android:excludeFromRecents="true" in an activity.
44# version update.
45# formatting change.
46# remove use permissions.
47# version update.
48# add a use permission. add a receiver.
49# change app theme.
50# add a use permission and use features.
51# version update.
52# change screen orientation to userPortrait in an activity.
53#, 54#, 55# version update.
56# add a use permission and a use feature.
57# version update.
58# remove a use feature.
59#, 60#, 61#, 62#, 63# version update.
64# add an intent filter and a meta-data in an activity.
65#, 66# version update.
67# add use permissions.
68# version update.
69# formatting change.
70# change screen orientation to sensor.
71#, 72# version update.
73# change screen orientation to user.
74# add action elements in an intent filter.
75# define two permissions. add two receivers.
76# version update.
77# formatting change.
78# add min and target sdk.
79# add a use permission.
80# version update.
81# add a data in an intent filter.
82# version update.
83# add android:enabled="false" in two receivers.
84#, 85#, 86#, 87#, 88#, 89#, 90# version update.
91# add eight services components.
92# change name of four services.
93# add a use feature.
94#, 95#, 96#, 97#, 98# version update.
99# add xmlns:tools. Remove uses-sdk. Add tools:ignore="GoogleAppIndexingWarning" in application. Add tools:ignore="UnprotectedSMSBroadcastReceiver" in a receiver.
100#, 101#, 102# version update.

103# change name of a receiver.
104#, 105#, 106# version update.
107# formatting change.
108#, 109# version update.
110# add a new activity.
111#, 112# version update.
113# version update. Add a receiver component. Remove a service.
114# formatting changes.
115# remove version name and code.
116# add a comment.
117# use shorthand in setting activity.

406. <https://github.com/kiwix/kiwix-xulrunner>

Project created date: 2016-01-04

Download in play store: 100,000 - 500,000

Commit period: Apr 6, 2013 to Feb 7, 2017 – 3 yrs. 10 months

Commit number: 84

No. of developers involved: 8 (37, 17, 13, 9, 4, 2, 1, 1)

App components: activity – 6 service – 1 receiver – 1 provider – 1

Exclusive version and uses-sdk related commit: 38

1# remove use permissions. add a use permission.

2# add a new activity.

3# add screenSize in configChanges of an activity.

4#, 5#, 6#, 7#, 8#, 9#, 10#, 11#, 12#, 13# version update.

14# version update. Add android:debuggable="true".

15# add a use permission.

16# version update.

17# remove android:debuggable="true".

18#, 19#, 20#, 21# version update.

22# upgrade target sdk from 17 to 19.

23# downgrade min sdk from 11 to 9. Add app theme. Remove an activity. add an activity.

24# change app theme. remove an activity. Add two new activities.

25# Remove app theme. add themes in three activities.

26# add use permissions. add a new activity.

27#, 28#, 29#, 30#, 31# version update.

32# upgrade target sdk from 19 to 21.

33# version update.

34# add data elements in an intent filter. add a new intent filter.

35# add two intent filters in an activity.

36# version update.

37# change value of authorities in a provider.

38# enable hardware acceleration.

39# change exported to true in a provider.

40# remove uses-sdk. Add app theme. Remove themes from 2 activities. Remove three activities.

41# add a new activity.
42# change app theme.
43# add a new activity.
44# change app icon. Remove icon from an activity.
45#, 46#, 47#, 48# version update.
49# add install location auto in application.
50# remove erroneous line.
51# formatting change.
52# move install location from application to manifest tag.
53# add a new activity.
54#, 55# formatting change.
56#, 57#, 58# version update.
59# add a receiver component.
60# add action elements in an intent filter.
61# change package structure of an activity name.
62# add app name.
63# add an activity and a service.
64# add android:supportsRtl="true".
65# change name of an activity. remove an activity. Add two new activity.
66# add theme in an activity.
67# change theme of an activity. Add a new activity and make it main activity.
68# version update.
69# change theme of an activity. Remove two activities.
70#, 71# version update.
72# add an intent filter in an activity.
73# change mime type of a data element and remove data elements from an intent filter.
74# version update.
75# add a category and data elements in an intent filter. remove data elements from an intent filter.
76# add data elements in an intent filter. add an intent filter.
77# version update.
78# add an intent filter in an activity.
79# formatting change.
80# version update.
81# add an intent filter in an activity.
82# change theme of an activity.
83# remove theme from an activity.
84# version update.

407. <https://github.com/konradrenner/kolabnotes-android>

Project created date: 2015-03-07

Download in play store: 1,000 - 5,000

Commit period: Mar 12, 2015 to Apr 4, 2017 – 2 yrs. 22 days

Commit number: 38

No. of developers involved: 3 (34, 2, 2)

App components: activity – 9 service – 3 receiver – 2 provider – 2

- 1# remove an activity. add an activity.
- 2# change label of an activity.
- 3# add a provider and a setting activity.
- 4# add use permissions. change app icon. Add a service and two new activities.
- 5# add a new activity.
- 6# remove an activity and a service.
- 7# add and remove use permissions. remove setting activity. Add two services.
- 8# add use permissions.
- 9# add a use permission.
- 10# add an activity and a receiver.
- 11# add icon and label in a receiver and an activity components.
- 12# change package structure of an activity and a receiver. add a service component.
- 13# add a receiver and an activity components.
- 14# change name of an activity.
- 15# add android:windowSoftInputMode="adjustPan" in two activities.
- 16# change label and add two intent filters in an activity.
- 17# change value of windowSoftInputMode to adjustResize in two activities.
- 18# add supports-screens.
- 19# add stateHidden in windowSoftInputMode in an activity.
- 20# add stateAlwaysHidden in windowSoftInputMode in an activity.
- 21# add android:windowSoftInputMode="adjustResize|stateHidden" in an activity.
- 22# change adjustResize to adjustPan in windowSoftInputMode of an activity.
- 23# add a setting activity.
- 24# add an intent filter in an activity.
- 25#, 26# add a new activity.
- 27# revert 26#.
- 28# add use permissions.
- 29#, 30# add a new activity.
- 31# add a provider.
- 32# add a receiver.
- 33# add a meta-data in a receiver.
- 34# remove a receiver component.
- 35# add <layout android:defaultWidth="700dp" /> in an activity.
- 36# add a data in an intent filter.
- 37# change icon in app and components.
- 38# add a meta-data in an activity.

408. <https://github.com/kontalk/androidclient>

Project created date: 2014-02-24

Download in play store: 10,000 - 50,000

Commit period: Jul 11, 2014 to Nov 6, 2017 – 3 yrs. 3 months

Commit number: 73

No. of developers involved: 3 (62, 6, 5)

App components: activity – 19 service – 8 receiver – 3 provider – 2

Exclusive version and uses-sdk related commit: 18

1# version update.

2# remove use permissions. remove a permission. remove a service, a receiver, and a meta-data.

3# remove xmlns:tools. Remove tools:replace="minSdkVersion" from uses-sdk.

4#, 5# version update.

6# upgrade target sdk from 19 to 21.

7# version update.

8# add orientation|screenSize in configChanges of an activity.

9# replace package name with app id in authorities of two providers and a data of an intent filter.

10# revert 8#.

11# version update.

12# add a use feature.

13#, 14#, 15# version update.

16# formatting change.

17# add singleTop launch mode in an activity.

18# change copyright.

19#, 20# version update.

21# upgrade target sdk from 21 to 22.

22#, 23#, 24#, 25#, 26# version update.

27# remove version and uses-sdk.

28# add a new activity.

29# change theme of two activities.

30# remove theme from 11 activities. Remove label from an activity.

31# remove an activity.

32# add a use permission.

33# add configChanges in an activity.

34#, 35# change name of an activity.

36# add theme and configChanges in an activity.

37# change name of an activity and remove configChanges from the activity.

38# change name of an activity.

39# change app icon.

40# add android:scheme="content" in a data element.

41# add a use permission.

42# add a use permission, a permission, and a receiver.

43# change copyright.

44# add a meta-data in app.

45# change package structure of an activity name.

46# formatting change.

47# change value of a meta-data.

48# replace package name with app id in two use permissions and an android:permission.

49# add a new activity.

50# add a service component.

51# add a new activity.

52# remove a meta-data from app.
53# add a new activity.
54# change copyright.
55# add xmlns:tools. Add tools:ignore="ExportedService" in two services. Add parent activity name and its meta-data and tools:targetApi="jelly_bean" in eight activities.
56# use fully qualified name in parent activity meta-data of the activities.
57# add a service and a meta-data.
58# add a new activity.
59# add label in an activity.
60# add use permissions.
61# add parent activity name and its meta-data and tools:targetApi="jelly_bean" in an activity.
Remove android:value of an activity.
62# change name of an activity.
63# add <uses-sdk tools:overrideLibrary="com.koushikdutta.ion"/>.
64# revert 63#.
65# add a use permission.
66# change exported to true in two providers and add android:permission.
67# add use features.
68# add a use feature.
69# add a new activity.
70# add a use permission and a use feature. Add a new activity.
71# add a new activity.
72# add use features. Add tools:ignore="AppLinkUrlError" in a data element.
73# add two new activities.

409. <https://github.com/xbmc/Kore>

Project created date: 2015-01-14

Download in play store: 1,000,000 - 5,000,000

Commit period: Feb 16, 2015 to Nov 12, 2017 – 2 yrs. 8 months

Commit number: 24

No. of developers involved: 8 (10, 5, 3, 2, 1, 1, 1, 1)

App components: activity – 13 service – 3 receiver – provider – 1

1# add two services.
2# change package name. change package name in 9 activities, 3 services, and a provider.
3# remove a use permission.
4# add a new activity.
5#, 6# add an intent filter in an activity.
7# add a use permission.
8# add a new activity.
9# add a use permission.
10# add a category in an intent filter. add a uses-library and five meta-data in app.
11# add a new activity.
12# add a meta-data in app.
13# add data elements in an intent filter.

- 14# add a data in an intent filter.
- 15# add a use permission and a receiver.
- 16# remove a receiver.
- 17# use shorthand in a service name.
- 18# remove a service. Add a service.
- 19# add a comment.
- 20# rearrange data elements of an intent filter.
- 21# change package structure of 12 activities.
- 22# add a data in an intent filter.
- 23# add a new activity.
- 24# change app icon.

410. <https://github.com/blurpy/kouchat-android>

Project created date: 2011-11-15

Download in play store: 1,000 - 5,000

Commit period: Jul 25, 2016 to Aug 10, 2016 – 15 days

Commit number: 5

No. of developers involved: 1

App components: activity – 5 service – 2 receiver – provider –

1# remove xmlns:tools, version, uses-sdk, and supports-screens.

2# add label in an activity.

3# change theme of an activity.

4# add a service component.

5# add a use permission.

411. <https://github.com/poseidn/KungFoo>

Project created date: 2015-11-14

Download in play store: 10 - 50

Commit period: Nov 23, 2015 to Jan 28, 2016 – 2 months

Commit number: 8

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 2

1# comment out a category.

2# add android:hasCode="true" in application. Remove an activity. Add a new activity.

3# change label of an activity.

4# add a use permission.

5# change package name. change app label. Change name of an activity and meta-data value of the activity.

6# add a use feature.

7#, 8# version update.

412. <https://github.com/ninelima/kwikEFIS>

Project created date: 2016-03-18

Download in play store:

Commit period: Sep 25, 2017 to Nov 13, 2017 – 1 month

Commit number: 18

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 16

1#, 2#, 3#, 4#, 5#, 6#, 7#, 8#, 9#, 10# version update.

11# change name of an activity.

12# version update. Change name of two activities.

13#, 14#, 15#, 16#, 17#, 18# version update.

413. https://github.com/langolonerdit/langolonerd_android

Project created date: 2017-01-07

Download in play store: 1,000,000 - 5,000,000

Commit period: Jan 8, 2017 to Nov 1, 2017 – 9 months

Commit number: 13

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 2

1# add a label and a category in an activity. Remove label from an activity.

2# remove an intent filter from an activity.

3# change app icon. Move an intent filter and add theme in an activity. Remove an activity.

4# remove uses-sdk.

5# add an action, a category, and a data in an intent filter.

6# separate an intent filter into two intent filters.

7# add a meta-data in app.

8# add copyright.

9# add uses-sdk.

10# add a meta-data in app.

11# change copyright.

12# add portrait orientation in an activity.

13# add data elements in an intent filter.

414. <https://github.com/nilesr/United4>

Project created date: 2017-08-19

Download in play store: 1,000 - 5,000

Commit period: Aug 20, 2017 to Oct 7, 2017 – 2 months

Commit number: 18

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# add app name.

2# change package name.

3# add a new activity.

4# revert 3#.
5# add a new activity.
6# remove an activity. add an activity.
7# add a new activity.
8# add version name and code.
9# add an intent filter in an activity. Add a new activity.
10# add an intent filter in an activity. Change icon of an activity.
11# change app icon. Change action and category of an intent filter. change icon of an activity.
12# version update.
13# change package name. use fully qualified name in component names. Change package name in two action elements.
14# correct package name in an action element of an intent filter.
15#, 16# version update.
17# version update. Change package name. change package name in app and 4 activities. Move main intent filter in another activity.
18# version update. Move main intent filter back.

415. <https://github.com/quaap/LaunchTime>

Project created date: 2017-01-21

Download in play store: 50 - 100

Commit period: Jan 9, 2017 to Nov 21, 2017 – 10 months

Commit number: 44

No. of developers involved: 1

App components: activity – 8 service – receiver – 3 provider –

Exclusive version and uses-sdk related commit: 16

1# add app name.
2# formatting change.
3# add portrait orientation and android:windowSoftInputMode="stateHidden|adjustPan" in an activity.
4# remove screen orientation from an activity.
5# add xmlns:tools.
6# add a setting activity.
7# revert 5#. Add version name and code. Add about activity.
8# add a receiver.
9# formatting changes.
10# add a receiver.
11# add a use permission. add a new activity.
12# add a new crash reporting activity.
13# add a new activity.
14# add a use permission.
15# change app icon. Add icon and an intent filter in an activity.
16# remove parent activity name and add label and category in an activity.
17# add a new activity.
18# remove an activity.

19# version update. Change a category of an intent filter.
20# add xmlns:tools.
21#, 22#, 23#, 24# version update.
25# version update. Remove icon from an activity.
26# version update.
27# add singleInstance launch mode in an activity.
28#, 29#, 30#, 31#, 32#, 33# version update.
34#, 35# add a new activity.
36# formatting change.
37# add android:fullBackupContent in application.
38#, 39#, 40# version update.
41# add a receiver.
42# add an action in an intent filter.
43#, 44# version update.

416. <https://github.com/OirasOr/ils-companion-android>

Project created date: 2016-07-15

Download in play store:

Commit period: Dec 23, 2014 to Oct 12, 2016 – 1 yr. 9 months

Commit number: 17

No. of developers involved: 2 (14, 3)

App components: activity – 8 service – 1 receiver – 1 provider – 1

Exclusive version and uses-sdk related commit: 4

1# version update.
2# version update. Upgrade target sdk from 19 to 21. Add theme in an activity.
3# version update.
4# add theme in an activity.
5# add an intent filter in an activity.
6# add theme in an activity.
7# version update.
8# add parent activity name in two activities and add a parent activity meta-data in an activity.
9# change app icon.
10# remove version and uses-sdk.
11#, 12# change theme in an activity.
13# add android:supportsRtl="true".
14# change allowBackup to false. Remove hardware acceleration.
15# change package name. change app name. change package name in an authorities and a data element.
16# add a comment.
17# change package name. Change package name in an authorities and a data element.

417. <https://github.com/HoraApps/LeafPic>

Project created date: 2016-01-07

Download in play store: 50,000 - 100,000

Commit period: Jan 20, 2016 to Oct 23, 2017 – 1 yr. 9 months

Commit number: 79

No. of developers involved: 8 (55, 17, 2, 1, 1, 1, 1, 1)

App components: activity – 11 service – 1 receiver – provider – 1

1# add a new activity.

2# change theme of an activity.

3# add a receiver.

4# revert 3#.

5# change name of an activity.

6# add a new activity.

7# change theme of three activities.

8# add a new activity.

9# formatting change.

10# add a new activity.

11# remove an activity. Change name of an activity.

12# remove label of an activity.

13# enable large heap.

14# add a new activity.

15# add a meta-data in app.

16# add a new activity.

17# change name of an activity. remove an activity. add an activity.

18# change theme of an activity.

19# add a use permission. remove an activity.

20# change label of an activity. Add an action and a data in an intent filter.

21# change name of an action.

22# add xmlns:tools. Change app theme. Add a meta-data in app.

23# add a use permission.

24# remove a meta-data from app.

25# add a meta-data in app.

26# remove xmlns:tools. Remove a meta-data from app.

27# change label of app and an activity.

28# revert 27#.

29# change name of an activity.

30# add a new activity. Add a data in an intent filter.

31# change label of an activity. Add a data in an intent filter.

32# add a new activity and make it main activity. Add an intent filter in an activity.

33# change theme of an activity.

34# add a new activity.

35# add a label in an activity.

36#, 37# change theme of an activity.

38# add about activity.

39# change name and add configChanges in an activity. Remove an activity. Change parent activity name in an activity.

40# change theme of an activity.

41# change package name. remove use permissions. remove an activity. Remove a data element.
Change name of a meta-data.
42# add a use permission. add an intent filter in an activity.
43# add two intent filters in an activity. Add configChanges in an activity.
44# add a new activity.
45# add app name.
46# separate an intent filter into two intent filters. Add a category in two intent filters. Add a new intent filter.
47# remove a use permission.
48# add a data in an intent filter.
49# add a new activity.
50# add label in an activity.
51# remove keyboard|keyboardHidden from a configChanges in an activity.
52# add a use permission.
53# change name of an activity.
54# add android:configChanges="orientation|screenSize" in four activities.
55# remove an activity.
56# change package name. use fully qualified name in app and component names.
57# add a use permission.
58# add label in three activities.
59# add an intent filter in an activity.
60# change name of an activity.
61# add uiMode|touchscreen in configChanges of an activity.
62# change package structure in 9 activities names.
63# add a use feature.
64# add screenLayout in configChanges of an activity.
65# add a provider component.
66# add a new activity.
67# remove an activity.
68# change name of an activity.
69# add a use permission and a service component.
70# change name of an activity.
71# replace touchscreen with navigation in configChanges of an activity.
72# add a new activity.
73# change app name.
74# add a use permission.
75# remove a meta-data from app.
76# add a use feature.
77# add install location auto.
78# remove a provider. Add a provider.
79# replace package name with app id in authorities of a provider.

418. <https://github.com/lexica/lexica>

Project created date: 2015-11-26

Download in play store: 500 - 1,000
Commit period: Nov 26, 2015 to Nov 14, 2017 – 1 yr. 11 months
Commit number: 16
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –
Exclusive version and uses-sdk related commit: 9

1# add uses-sdk.
2# remove two activities.
3# add app theme.
4# change name of an activity.
5# remove a use permission.
6# change package name. replace string constant with string resource in app label. Use shorthand in activities names. Change package name in action elements.
7# change app icon.
8#, 9#, 10#, 11# version update.
12# add allowBackup="true". Add exported="false" in an activity.
13#, 14#, 15#, 16# version update.

419. <https://github.com/cgogolin/library>

Project created date: 2014-01-15
Download in play store: 5,000 - 10,000
Commit period: Feb 3, 2014 to Oct 17, 2017 – 3 yrs. 8 months
Commit number: 28
No. of developers involved: 1
App components: activity – 1 service – receiver – provider – 1
Exclusive version and uses-sdk related commit: 24

1#, 2#, 3#, 4# version update.
5# change app icon.
6# change app theme.
7#, 8#, 9#, 10#, 11#, 12#, 13#, 14#, 15#, 16#, 17#, 18#, 19# version update.
20# add a use permission. upgrade target sdk from 11 to 23. Add a provider.
21#, 22#, 23# version update.
24# add a meta-data in app.
25#, 26#, 27#, 28# version update.

420. <https://github.com/milesmcc/LibreNews-Android>

Project created date: 2017-06-28
Download in play store: 100 - 500
Commit period: Jul 18, 2017 to Aug 1, 2017 – 13 days
Commit number: 5
No. of developers involved: 1
App components: activity – 2 service – receiver – 1 provider –

1# remove an activity. Remove setting activity. add an activity.
2# add a use permission.

- 3# add a new activity.
- 4# add a fragment element.
- 5# add a use permission.

421. <https://github.com/biotinker/LibreTasks>

Project created date: 2016-04-05
Download in play store:
Commit period: Apr 11, 2016 to Mar 25, 2017 – 11 months
Commit number: 10
No. of developers involved: 2 (7, 3)
App components: activity – 16 service – 10 receiver – 2 provider –
Exclusive version and uses-sdk related commit: 7

1# version update. Upgrade target sdk from 4 to 16.
2#, 3# version update.
4# change name of a service. Add a new service.
5# add use permissions.
6# version update.
7# formatting change.
8# upgrade target sdk from 16 to 22.
9#, 10# version update.

422. <https://github.com/proninyaroslav/libretorrent>

Project created date: 2016-10-18
Download in play store: 10,000 - 50,000
Commit period: Nov 28, 2016 to Jul 15, 2017 – 7 months
Commit number: 6
No. of developers involved: 2 (5, 1)
App components: activity – 9 service – 1 receiver – 2 provider –

1# change theme of an activity.
2# add a use permission. add a meta-data in an activity.
3# add install location auto.
4# remove process from a service.
5# add a new activity.
6# remove a receiver.

423. <https://github.com/foxykeep/lifecounter>

Project created date: 2013-09-21
Download in play store: 10,000 - 50,000
Commit period: Sep 3, 2013 to Sep 22, 2013 – 19 days
Commit number: 4
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# change label of an activity.

- 2# add a new activity.
- 3# change theme of an activity.
- 4# version update.

424. <https://github.com/MarcelJurtz/LifeCounter>

Project created date: 2017-04-23
Download in play store: 10,000 - 50,000
Commit period: Mar 31, 2016 to Jul 31, 2017 – 1 yr. 4 months
Commit number: 4
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

- 1# formatting change.
- 2# add portrait orientation in an activity.
- 3# add a setting activity.
- 4# change name of an activity. Change package structure of an activity name.

425. <https://github.com/anthonycr/Lightning-Browser>

Project created date: 2013-02-01
Download in play store: 10,000 - 50,000
Commit period: May 3, 2015 to Nov 23, 2017 – 2 yrs. 6 months
Commit number: 32
No. of developers involved: 5 (22, 6, 2, 1, 1)
App components: activity – 4 service – receiver – provider – 1
Exclusive version and uses-sdk related commit: 1

- 1# formatting change.
- 2# remove version and uses-sdk.
- 3# remove two activities.
- 4# remove an activity.
- 5# remove three activities.
- 6# remove an activity.
- 7# remove use permissions.
- 8# add process in an activity.
- 9# change package structure in app name.
- 10# add use permissions.
- 11# remove a data element from an intent filter.
- 12# add an intent filter in an activity.
- 13# formatting change.
- 14# add a use permission.
- 15# add an intent filter in an activity.
- 16# add android:windowSoftInputMode="adjustResize|adjustPan" in an activity.
- 17# remove process from an activity.
- 18# remove adjustPan from window soft input mode of an activity.
- 19# add adjustResize in window soft input mode of an activity.
- 20#, 21# formatting change.

22# add install location auto.
23#, 24# add a meta-data in app.
25# add a provider component.
26# add screenLayout|smallestScreenSize in configChanges of four activities.
27# change package structure in app and 4 activities.
28# add android:clearTaskOnLaunch="false" and stateHidden in windowSoftInputMode of an activity. Change launch mode to singleInstance and add parent activity name in an activity.
29# add android:colorMode="wideColorGamut" in four activities.
30# add an intent filter in an activity.
31# add use permissions and use features.
32# remove use permissions.

426. <https://github.com/felixwiemuth/LinCal>

Project created date: 2016-12-01

Download in play store:

Commit period: Dec 6, 2015 to Sep 22, 2017 – 1 yr. 9 months

Commit number: 12

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – 1 provider –

1# change name of an activity.

2# add app name.

3# add a use permission. add a service component.

4# change name of an activity.

5# change label of an activity.

6# add a use permission and a receiver component.

7# formatting change.

8#, 9# add singleTop launch mode in an activity.

10# remove label of an activity.

11# remove theme from three activities.

12# add a setting activity.

427. <https://github.com/DocSalvi/LinuxDayAppAndroid>

Project created date: 2012-07-19

Download in play store: 500 - 1,000

Commit period: Sep 21, 2012 to Oct 13, 2015 – 3 yrs. 23 days

Commit number: 7

No. of developers involved: 2 (6 ,1)

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# add configChanges in an activity.

2# remove manifest file.

3# add manifest file.

4#, 5#, 6#, 7# version update.

428. <https://github.com/onyxbits/listmyaps>

Project created date: 2013-08-29

Download in play store: 100,000 - 500,000

Commit period: Aug 30, 2013 to Sep 27, 2014 – 1 yr. 1 month

Commit number: 20

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

Exclusive version and uses-sdk related commit: 18

1#, 2#, 3#, 4# version update.

5# add two new activities.

6# add a new activity.

7#, 8#, 9#, 10#, 11#, 12#, 13#, 14#, 15#, 16#, 17#, 18#, 19#, 20# version update.

429. <https://github.com/kaputnikGo/LittleSirEcho>

Project created date: 2015-12-17

Download in play store: 50 - 100

Commit period: Jun 16, 2016 to Jan 10, 2017 – 11 months

Commit number: 2

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 1

1# version update. Add install location internalOnly. Add a use permission. add a category in an intent filter. add a receiver component.

2# version update.

430. <https://github.com/michaelachmann/LnkShortener>

Project created date: 2017-01-29

Download in play store: 10 - 50

Commit period: Jan 25, 2017 to Apr 25, 2017 – 3 months

Commit number: 7

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

1# change app icon.

2# remove an activity.

3# change app icon and theme. Add parent activity name and its meta-data and label in an activity. Add a setting activity.

4# add configChanges in three activities.

5# change app icon.

6# remove a meta-data from app.

7# change app theme. Add a new activity.

431. <https://github.com/n76/Local-GSM-Backend>

Project created date: 2014-11-06

Download in play store:

Commit period: Jun 29, 2015 to May 5, 2016 – 10 months

Commit number: 18

No. of developers involved: 4 (9, 4, 3, 2)

App components: activity – 3 service – 2 receiver – provider –

Exclusive version and uses-sdk related commit: 9

1# version update.

2# upgrade min and target sdk from 16 to 18.

3#, 4#, 5#, 6#, 7#, 8#, 9# version update.

10# use shorthand in component names. Change a meta-data value of a service.

11# remove version, uses-sdk, and a uses-library.

12# add singleTask launch mode in two activities. Add parent activity name in an activity. Remove android:noHistory="true" from an activity.

13# add an activity.

14# add a use permission. remove an activity. add an activity. Add a service component.

15# add app theme. Change a meta-data value of a service. Change directory of a service. Remove two activities and add a new activity.

16# remove a use permission.

17# add a use permission.

18# change name of a service.

432. https://github.com/n76/wifi_backend

Project created date: 2014-12-13

Download in play store:

Commit period: Jun 29, 2015 to Sep 22, 2017 – 2 yrs. 2 months

Commit number: 27

No. of developers involved: 2 (18, 9)

App components: activity – 3 service – 3 receiver – provider –

Exclusive version and uses-sdk related commit: 17

1#, 2# version update.

3# change app icon. Remove floating attributes.

4#, 5# change name of a service.

6# add app theme. Remove an activity. Add an activity. Change a meta-data value of a service.

7# change name of a service.

8# add two new activities.

9# add a service component.

10# remove uses-sdk.

11# remove portrait orientation from an activity.

12#, 13#, 14#, 15#, 16#, 17# version update.

18# change name of a service.

19#, 20#, 21# version update.

22# version update. Add a use permission.

23#, 24#, 25#, 26#, 27# version update.

433. <https://github.com/k3b/locationMapView>

Project created date: 2015-01-19

Download in play store:

Commit period: Jan 20, 2015 to Sep 12, 2017 – 2 yrs. 7 months

Commit number: 22

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# formatting change.

2# add copyright.

3# add an intent filter in an activity.

4# add two intent filters in an activity.

5# add a new activity.

6# change label of an activity.

7# add an action in two intent filters.

8# change app theme. Add a new activity.

9# remove an activity. add two new activities.

10# change app theme.

11# change name of an activity.

12# add a parent activity name in an activity.

13# change label of an activity.

14# revert 12#.

15# change name and label of an activity.

16# add a category in an intent filter. add a category and a data in an intent filter. add a data in an intent filter.

17# remove an activity.

18# add a data in three intent filters.

19# rewrite data elements properly in an intent filter.

20# add install location auto. Add an action in two intent filters. Add three intent filters.

21# add data elements in two intent filters.

22# add comments.

434. <https://github.com/pROPs/LocationShare>

Project created date: 2013-03-27

Download in play store: 500 - 1,000

Commit period: Jan 1, 2016 to Feb 5, 2017 – 1 yr. 1 month

Commit number: 3

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# change package name. remove version and uses-sdk. Change name of an activity.

2# change app icon. Add android:supportsRtl="true". Remove label from an activity.

3# add xmlns:tools. Add android:fullBackupContent="true" and tools:ignore="GoogleAppIndexingWarning" in application.

435. <https://github.com/seguri/lock>

Project created date: 2017-04-27

Download in play store:

Commit period: Apr 28, 2017 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – 1 provider –

1# add description in a receiver.

436. <https://github.com/tananaev/rootless-logcat>

Project created date: 2016-06-24

Download in play store: 10,000 - 50,000

Commit period: Jun 24, 2016 to Jul 27, 2016 – 1 month

Commit number: 3

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# add a use permission.

2# add configChanges in an activity.

3# add label in an activity.

437. <https://github.com/LukeStonehm/LogicalDefence>

Project created date: 2015-01-17

Download in play store: 100,000 - 500,000

Commit period: Jan 19, 2015 to Feb 28, 2015 – 1 month

Commit number: 2

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# add about activity.

2# remove version name and code. Change app icon.

438. <https://github.com/iSoron/uhabits>

Project created date: 2014-11-08

Download in play store: 1,000,000 - 5,000,000

Commit period: May 28, 2017 to Jul 27, 2017 – 2 months

Commit number: 8

No. of developers involved: 1

App components: activity – 8 service – 1 receiver – 8 provider – 1

Exclusive version and uses-sdk related commit: 6

1# version update.

2# remove use permissions.

3#, 4#, 5#, 6# version update.

7# remove version name and code.

8# remove a receiver.

439. <https://github.com/brarcher/loyalty-card-locker>

Project created date: 2016-01-31

Download in play store: 1,000 - 5,000
Commit period: Feb 8, 2016 to Nov 22, 2017 – 1 yr. 9 months
Commit number: 14
No. of developers involved: 1
App components: activity – 6 service – receiver – 1 provider – 1

- 1# formatting change.
- 2# add a use permission.
- 3# add a use feature.
- 4# add android:windowSoftInputMode="stateHidden" in an activity.
- 5# add a use permission. remove maxSdkVersion from a use permission.
- 6# add a new activity.
- 7# remove parent activity name from two activities.
- 8#, 9# add a new activity.
- 10# add configChanges in an activity.
- 11# change package structure of an activity name.
- 12# add a receiver and an activity component.
- 13# add singleTop launch mode in an activity.
- 14# add a provider component.

440. <https://github.com/opentelecoms-org/lumicall>

Project created date: 2016-01-31
Download in play store: 1,000 - 5,000
Commit period: May 11, 2009 to Jun 25, 2017 – 8 yrs. 1 month
Commit number: 234
No. of developers involved: 5 (228, 3, 1, 1, 1)
App components: activity – 24 service – 3 receiver – 12 provider –
Exclusive version and uses-sdk related commit: 159

- 1# version update. Change launch mode of an activity to singleTask. Add icon in an activity. Add a new activity.
- 2# add a use permission.
- 3# version update. Change launch mode of two activities to singleInstance. Add excludeFromRecents="true" android:taskAffinity="" in an activity.
- 4#, 5#, 6# version update.
- 7# add a new activity. Change priority value of a receiver.
- 8# change priority value of a receiver.
- 9# version update. Add a new activity. Change priority of a receiver. Add a use permission.
- 10# change priority of a receiver.
- 11# add a use permission.
- 12# remove an action from an intent filter.
- 13#, 14# version update.
- 15# move priority from receiver to its intent filter.
- 16#, 17#, 18# version update.
- 19# version update. Add a receiver.
- 20# version update. Add a receiver and a use permission.

21#, 22# version update.
23# version update. Add a receiver.
24#, 25# version update.
26# version update. Change label of an activity. Add an intent filter in an activity.
27# version update.
28# version update. Remove an activity. Add a new activity. Add theme in an activity. Remove configChanges from an activity.
29#, 30# version update.
31# version update. Remove enable attribute and an intent filter from a receiver. Remove three actions from an intent filter of a receiver.
32# add a receiver.
33#, 34#, 35# version update.
36# version update. Add an action, a category, and a data elements in an intent filter.
37#, 38#, 39#, 40#, 41# version update.
42# remove theme from an activity.
43# version update.
44# version update. Add an intent filter in two activities.
45# version update.
46# version update. Add a data in two intent filters. Remove an intent filter from two activities.
47#, 48# version update.
49# version update. Add a use permission.
50#, 51#, 52#, 53#, 54# version update.
55# version update. Add a receiver component.
56# version update.
57# version update. Change label of an activity.
58#, 59#, 60#, 61#, 62# version update.
63# add a new activity.
64# version update. Add supports-screens.
65#, 66#, 67# version update.
68# version update. Add configChanges in an activity. Add an action in an intent filter of a receiver.
69# version update. Add an intent filter in a receiver and move an action to this intent filter from another receiver.
70#, 71#, 72#, 73# version update.
74# version update. Add target sdk. Add largeScreens and anyDensity in supports-screens. Add a use feature.
75# version update. Add a use permission.
76# version update. Add theme in an activity. Add a use permission.
77# version update.
78# version update. Remove a use feature.
79# version update. Add six use features.
80# version update. Add a use feature. Add two actions in an intent filter and add a new intent filter in a receiver.
81# version update.
82# version update. Add a new activity. Remove nosensor screen orientation from an activity.

83# version update.
84# version update. Add a use permission.
85#, 86# version update.
87# version update. Change value of largeScreens to true.
88# version update.
89# version update. Add a data in an intent filter.
90# version update. Use fully qualified name in component names.
91# version update. Add an intent filter in an activity.
92#, 93# version update.
94# add a provider component. Add a use permission.
95# formatting change.
96# add a receiver and a use permission.
97# add a receiver.
98# add a new activity. Change priority of an intent filter.
99# add a new activity. Remove an intent filter from an activity.
100# comment out a receiver component. Add a service.
101# upgrade min sdk from 3 to 7 and target sdk from 4 to 8.
102# add android:debuggable="true".
103# change package name. change package name in path of a data element.
104# version update.
105# change package name in 2 activities, a service, a receiver, and a provider.
106# add two new activities.
107# add an intent filter in an activity.
108# change debuggable to false.
109# upgrade min sdk from 7 to 8.
110#, 111#, 112# version update.
113# formatting change.
114#, 115#, 116#, 117#, 118# version update.
119# comment out two use permissions.
120#, 121#, 122# version update.
123# add a use permission.
124# version update.
125# add two new activities.
126#, 127#, 128#, 129#, 130#, 131#, 132# version update.
133# add a service component.
134#, 135#, 136# version update.
137# add two new activities.
138#, 139#, 140#, 141# version update.
142# add a use permission and a receiver.
143#, 144# version update.
145# add a receiver.
146#, 147#, 148#, 149#, 150#, 151# version update.
152# add a data element in an intent filter.
153# version update.

154# remove a data from an intent filter.
 155#, 156#, 157#, 158#, 159#, 160# version update.
 161# add a use permission.
 162#, 163#, 164#, 165#, 166#, 167#, 168#, 169#, 170# version update.
 171# add a receiver.
 172#, 173#, 174#, 175# version update.
 176# add a comment.
 177#, 178#, 179#, 180#, 181#, 182#, 183#, 184#, 185#, 186#, 187#, 188#, 189#, 190# version update.
 191# add a new activity.
 192#, 193# version update.
 194# add a new activity.
 195#, 196#, 197# version update.
 198# add a new activity.
 199#, 200# version update.
 201# add a category in two intent filters.
 202# - 218# version update.
 219# add a new activity.
 220# version update.
 221# add theme in an activity.
 222#, 223#, 224#, 225#, 226#, 227# version update.
 228# add theme in an activity.
 229#, 230# version update.
 231# remove a provider component.
 232# version update.
 233# add a new activity.
 234# version update.

441. <https://github.com/manuelsclunary/Lunary-Ethereum-Wallet>

Project created date: 2017-05-31
 Download in play store: 5,000 - 10,000
 Commit period: Jun 1, 2017 to Nov 1, 2017 – 5 months
 Commit number: 5
 No. of developers involved: 1
 App components: activity – 10 service – 3 receiver – 1 provider –

1# add a use permission and a use feature.
 2# add a use feature.
 3# add a use permission and a use feature. Add required="false" in a use feature. Add two new activities.
 4# add configChanges and portrait orientation in two activities.
 5# formatting change.

442. <https://github.com/shkcodes/Lyrically>

Project created date: 2016-10-26
 Download in play store:

Commit period: Oct 26, 2016 to Jan 15, 2017 – 2 months

Commit number: 9

No. of developers involved: 2 (8, 1)

App components: activity – 2 service – 7 receiver – 1 provider –

1# remove comments.

2# formatting change.

3# add a service component.

4# add use permissions. add an activity and a service.

5# add a service component.

6# add an action in an intent filter.

7# add a service component.

8# add three action elements in an intent filter. add a service component.

9# add two action elements in an intent filter.

443. <https://github.com/gateship-one/malp>

Project created date: 2016-07-17

Download in play store: 10,000 - 50,000

Commit period: Jul 23, 2016 to Sep 15, 2017 – 1 yr. 1 month

Commit number: 25

No. of developers involved: 2 (24, 1)

App components: activity – 5 service – 2 receiver – 2 provider –

1# add copyright.

2# remove a service.

3# change theme in app and an activity.

4# add android:windowSoftInputMode="adjustPan" in an activity.

5# add a new activity.

6# enable large heap.

7# disable large heap.

8# change package structure of two activities names.

9# change package name. change package name in an activity name.

10# add a new activity.

11# add a service component.

12# add a use permission.

13# add a new activity and make it main activity.

14# change copyright.

15# change theme of an activity. Add a service component.

16# add a receiver component.

17# add android:stopWithTask="false" in a service.

18# change name of a service. Change package structure of a receiver name.

19# add a new activity.

20# add an action in an intent filter.

21# change copyright.

22# enable large heap.

23# add a receiver component.

24# change app icon and add round icon.
25# change app icon. Remove round icon.

444. <https://github.com/ratmole/Mach3Pendant>

Project created date: 2016-09-27
Download in play store:
Commit period:
Commit number: 0

445. <https://github.com/Adonai/Man-Man>

Project created date: 2014-10-24
Download in play store: 1,000 - 5,000
Commit period: Oct 27, 2014 to Aug 28, 2016 – 1 yr. 10 months
Commit number: 11
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

1# add a use permission.
2# add windowSoftInputMode and configChanges in an activity.
3# change package name. change package structure of an activity name.
4# change value of windowSoftInputMode to stateAlwaysHidden.
5# add a use permission. use shorthand in an activity name. add a new activity.
6# remove app theme.
7# add singleInstance launch mode in an activity.
8# add a use permission.
9# remove a use permission.
10# add app theme.
11# add app name.

446. <https://github.com/osmandapp/Osmand>

Project created date: 2011-01-15
Download in play store: 5,000,000 - 10,000,000
Commit period: Apr 29, 2010 to Oct 19, 2017 – 7 yrs. 5 months
Commit number: 287
No. of developers involved: 20 (184, 20, 16, 9, 8, 8, 7, 7, 7, 6, 4, 2, 2, 1, 1, 1, 1, 1, 1, 1)
App components: activity – 36 service – 2 receiver – 5 provider – 1
Exclusive version and uses-sdk related commit: 49

1# add debuggable="true". Change name of an activity. Add use permissions.
2# add singleTop launch mode in an activity. Add a use permission.
3# add use permissions.
4# change launch mode to standard in an activity. Add a setting activity.
5# change package structure of 2 activities names.
6# remove launch mode from an activity. Add a new activity.
7# add label in an activity. Add a use permission.
8# Add a use permission.

9# remove setting activity.
10# add a new activity.
11# change package structure of an activity name. add three activities.
12# remove an activity. add an activity.
13# add four activities.
14#, 15#, 16# add a new activity.
17# add label in an activity.
18# remove an activity. add an activity.
19# add app name.
20#, 21#, 22# add a new activity.
23# add two new activities.
24# version update. Add app description.
25# add uses-sdk with min sdk.
26# add a new activity.
27# add portrait orientation in an activity.
28# version update. Change debuggable to false.
29# change debuggable to true.
30# version update.
31# version update. Change debuggable to false.
32# add a service component.
33# change process value of a service.
34# change debuggable to true.
35# version update. Change debuggable to false.
36#, 37# version update.
38# change debuggable to true.
39# version update. Change debuggable to false.
40# formatting change.
41# version update.
42# version update. Change package name. change package name in a service and an action name.
add target sdk.
43# change debuggable to true.
44#, 45#, 46#, 47#, 48# version update.
49# version update. Change debuggable to false.
50# version update.
51# change debuggable to true.
52# add install location auto.
53#, 54# version update.
55# add configChanges in an activity.
56# version update. Change debuggable to false.
57# change debuggable to true.
58# version update. Change debuggable to false.
59# version update.
60# add configChanges in an activity.
61# version update.

62# change package name. version update.
63# change package name in a service process and an action name.
64# add a new activity.
65# change debuggable to true.
66# add a receiver.
67# add two intent filters in an activity.
68# remove an intent filter. add path in a data element.
69# version update. Change debuggable to false.
70# change debuggable to true.
71# formatting change.
72# add a new activity.
73# version update. Change debuggable to false.
74# change debuggable to true.
75# version update. Change debuggable to false.
76# change debuggable to true.
77# version update. Change debuggable to false.
78# add singleTop launch mode in an activity.
79# change debuggable to true.
80# add nosensor screen orientation in an activity.
81# revert 80#.
82# version update. Change debuggable to false.
83# change debuggable to true.
84# add a meta-data in app. Upgrade target sdk from 4 to 7.
85# downgrade target sdk from 7 to 4.
86# add android:backupAgent="OsmandBackupAgent" android:restoreAnyVersion="true" in application.
87# use shorthand in backupAgent value.
88# add a new activity.
89# add label in an activity.
90# change label of an activity.
91# add label in an activity.
92# version update. Change debuggable to false.
93# version update. Change debuggable to true.
94# add a new activity.
95#, 96# version update.
97# add a new activity.
98# add label in an activity.
99#, 100# version update.
101# use fully qualified name in app and component names. Add a receiver.
102# replace constant with string resource in version name.
103# version update. Change debuggable to false.
104# change screen orientation to unspecified in an activity.
105# change debuggable to true.
106# upgrade min sdk from 3 to 4.

107# change label of an activity.
108# use shorthand in two activities and a service components. Add a new activity.
109# use fully qualified name in 108# changes.
110# add app theme.
111# remove label from an activity.
112#, 113#, 114# version update.
115# change package structure in app name. remove app description.
116# add a new activity.
117# add configChanges in an activity.
118# add android:hardwareAccelerated="false".
119# revert 118#.
120#, 121# version update.
122# add a new activity.
123# change package structure in two activities names.
124# use shorthand in app, a service, and an activity name.
125# revert 124#.
126#, 127# version update.
128# remove a use permission.
129# version update.
130# add an intent filter in an activity.
131# revert 130#. Remove a receiver.
132#, 133# version update.
134# add use permissions.
135# add two use features and a use permission.
136# add two receiver components.
137# add a use feature.
138# version update.
139# add an intent filter in an activity.
140# add seven meta-data in app. Add a category in an intent filter.
141# version update.
142# upgrade min sdk from 4 to 7 and target sdk from 4 to 16. Change app theme. Add label in two activities. Change label of an activity. Add nine activities.
143# add configChanges in application tag.
144# add use features and supports-screens.
145# add use features.
146# add a category in an intent filter.
147# add three categories in an intent filter.
148# version update.
149# enable large heap.
150# remove six activities.
151# upgrade min sdk from 7 to 9.
152# revert 151#.
153# add value attribute in six meta-data.
154# version update.

155# add a use permission.
156# upgrade target sdk from 16 to 19.
157# add an intent filter in an activity.
158# add three data elements in an intent filter.
159# formatting change.
160# add an intent filter in an activity.
161# add a data in two intent filters.
162#, 163# add a new activity.
164# correct path attribute name. remove a receiver.
165# add data elements in an intent filter.
166# add a new activity.
167# add an intent filter in an activity.
168# add a use permission.
169# add an intent filter in an activity.
170# add a category and change scheme of a data in an intent filter.
171#, 172# change host value in a data element.
173#, 174# add a new activity.
175# add singleInstance launch mode in an activity.
176# remove an activity. Add a new activity. Add launchMode and exported="true" in an activity.
177# remove two activities.
178# add label in an activity.
179# add android:windowSoftInputMode="adjustPan" in an activity.
180# add a new activity.
181# use fully qualified name in an activity name.
182# change name of an activity.
183# use fully qualified name in an activity.
184# add a comment.
185# formatting change.
186# add a new activity. Add label in an activity.
187#, 188# version update.
189# add allowBackup="true" in application.
190# formatting change.
191# add four intent filters and data elements in an intent filter of an activity.
192# remove an activity. add an activity.
193# remove an activity.
194# add an activity.
195# remove an activity.
196# add an activity.
197#, 198# add a use permission.
199# remove a use permission. add a receiver.
200# add an activity.
201# version update.
202# change package structure of an activity name.
203# remove an activity.

204#, 205# formatting change.
206# remove two activities. add an activity.
207# change label of an activity.
208# remove a data from an intent filter. add an intent filter.
209# add a new activity.
210# use fully qualified name in an activity name.
211# upgrade min sdk from 7 to 9.
212# upgrade target sdk from 19 to 21.
213# add data elements in an intent filter.
214# reorganize data elements in an intent filter.
215# reorganize data elements in an intent filter. remove an intent filter from an activity.
216# use shorthand in two activities names.
217# revert 216#.
218#, 219#, 220#, 221# add data elements in an intent filter.
222# add an activity.
223# formatting change.
224# change package structure of an activity.
225# remove an activity.
226# add an activity.
227# move main intent filter to another activity.
228# use shorthand in an activity name.
229# change label of an activity.
230# remove an activity.
231# add a use permission.
232# remove an activity.
233# add an activity.
234# remove android:debuggable="true".
235# version update.
236# remove a data element and an intent filter. add an intent filter.
237# change path attribute to pathPrefix in a data element.
238# remove a use permission. add android:stopWithTask="false" in a service.
239# add an intent filter. remove a data from an intent filter.
240# upgrade min sdk from 9 to 14.
241# add a provider.
242# version update.
243# add two android:uses-permission inside manifest. Add a new activity.
244# revert 243#.
245# add two android:uses-permission inside manifest. Add a new activity.
246# change name of an activity.
247# revert 245#.
248# add an activity and a receiver.
249# add a use permission.
250# add label in an activity.
251# change name of an activity.

252# add android:windowSoftInputMode="adjustResize" in an activity.
253# add a use feature.
254# add an intent filter in an activity.
255# change package structure of an authorities of a provider.
256# change required value to false in a use feature.
257# add an intent filter in an activity.
258# change launch mode to singleTask in an activity.
259# add a use permission.
260# formatting change.
261# add use permissions.
262# add maxSdkVersion in two use permission.
263# change value of maxSdkVersion in two use permission.
264# add a comment.
265# remove a comment.
266# version update.
267# change value of maxSdkVersion in two use permission.
268# add a use feature.
269# add a receiver component.
270# add xmlns:tools. Add <uses-sdk tools:overrideLibrary="com.getkeepsafe.taptargetview" />.
271# remove <uses-sdk tools:overrideLibrary="com.getkeepsafe.taptargetview" />.
272# downgrade min sdk from 14 to 9. Add tools:overrideLibrary="com.getkeepsafe.taptargetview" in uses-sdk.
273# remove an activity.
274# add a service component.
275# version update.
276# add process in a service.
277# revert 276#.
278# remove version name and code.
279# change icon in app and two meta-data.
280# add theme in an activity.
281# change theme of an activity.
282# remove label of an activity. Add a new activity and move four intent filters to this activity.
283# revert 282#.
284# add data elements in an intent filter.
285# change value of tools:overrideLibrary in uses-sdk.
286#, 287# add data elements in an intent filter.

447. <https://github.com/falnatsheh/MarkdownView>

Project created date: 2011-12-25

Download in play store:

Commit period: Nov 11, 2015 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

1# remove version and uses-sdk. Add app theme. Add allowBackup="true" and supportsRtl="true" in application. Remove label of an activity. Change name of an activity.

448. <https://github.com/gsantner/markor>

Project created date: 2017-08-26

Download in play store: 100 - 500

Commit period: Dec 15, 2014 to Nov 25, 2017 – 2 yrs. 11 months

Commit number: 45

No. of developers involved: 6 (18, 17, 6, 2, 1, 1)

App components: activity – 5 service – 1 receiver – 1 provider – 1

Exclusive version and uses-sdk related commit: 6

1# add a new activity.

2# remove theme from an activity.

3# revert 2#.

4# revert 1#.

5# repeat 1#.

6# change theme of an activity. Revert 5#.

7# add a use permission. add two activities and a service.

8# add an activity.

9# remove a use permission. remove three activities and a service.

10# use fully qualified name in component names.

11# change package name.

12# change theme of an activity.

13# add version name and code.

14# version update.

15# add a receiver component.

16# version update.

17# formatting change.

18# add two new activities and make an activity main activity.

19# add a service component.

20# add an activity.

21# change package name. version update. Change package structure in 6 activities, a service, and a receiver. Add fully qualified name in two activities and a service names.

22#, 23#, 24# version update.

25# add an action in an intent filter.

26# add a data in an intent filter.

27# change app theme.

28# formatting change.

29# change package name. change package name in 8 activities, a service, and a receiver.

30# remove version name and code. Remove a use permission. change package structure in 6 activities names. Change name of a receiver and a meta-data resource of the receiver.

31# add app name. add an activity.

32# change package name. add a use permission. change package name in 9 activities, a service, and a receiver.

33# add data elements in an intent filter.
34# change package structure of an activity name.
35# add android:windowSoftInputMode="adjustResize" in an activity.
36# remove two intent filters from an activity. Move main intent filter to another activity. Remove three activities.
37# add a provider component.
38# separate an intent filter into two intent filters.
39# add data elements in an intent filter.
40# add xmlns:tools and tools:targetApi="jelly_bean" in manifest.
41# add fullBackupContent and supportsRtl="true".
42# formatting change.
43# add data elements in an intent filter.
44# add use permissions.
45# change a comment.

449. <https://github.com/stom79/mastalab>

Project created date: 2017-10-22
Download in play store: 1,000 - 5,000
Commit period: May 20, 2017 to Nov 25, 2017 – 6 months
Commit number: 40
No. of developers involved: 2 (37, 3)
App components: activity – 16 service – 4 receiver – 4 provider –

1# remove android:noHistory="true" from an activity.
2# remove an activity.
3# revert 2# and add configChanges.
4# revert 3#.
5# repeat 3#. Add a new activity.
6# remove android:noHistory="true" from an activity.
7#, 8#, 9# add an activity.
10# add an intent filter.
11# remove android:noHistory="true" from an activity.
12# add a new activity. add android:noHistory="true" in an activity.
13# add an activity.
14# correct app theme. Add windowSoftInputMode and configChanges in an activity.
15# change theme in app and an activity.
16# remove android:noHistory="true" from an activity.
17# add theme in an activity.
18# change windowSoftInputMode value to adjustResize in an activity.
19# change a comment.
20# formatting change.
21# add two intent filters in an activity.
22# Remove an intent filter.
23# add an intent filter in an activity.
24#, 25# add an activity.

26# add a service.
27# add a use permission and a receiver.
28#, 29# remove android:noHistory="true" from an activity.
30# change launch mode to singleTask in an activity.
31# revert 30#.
32# remove a use permission and a receiver.
33# add a receiver.
34#, 35# add a service and a receiver.
36# move main intent filter. remove an activity.
37# change package name. add a use permission. use shorthand in app and component names. Add a receiver.
38# add a service. Add a receiver.
39# add an activity.
40# change theme of an activity.

450. <https://github.com/ligi/MaterialTeaTimer>

Project created date: 2016-10-15
Download in play store: 1,000 - 5,000
Commit period: Oct 20, 2016 to Dec 5, 2016 – 1 month
Commit number: 3
No. of developers involved: 1
App components: activity – 2 service – receiver – 2 provider –

1# add portrait orientation in an activity.
2# add a new activity.
3# change package structure of a receiver. Add a receiver component.

451. <https://github.com/ZeeRooo/MaterialFBook>

Project created date: 2016-09-12
Download in play store:
Commit period: Sep 22, 2016 to Aug 1, 2017 – 10 months
Commit number: 28
No. of developers involved: 3 (22, 5, 1)
App components: activity – 5 service – 1 receiver – 1 provider –

1# remove use permissions. remove a receiver.
2# remove a service.
3# add use permissions. add two receivers and a service.
4# add xmlns:tools. Change app theme. Change package structure of 2 receiver names. Add parent activity name and its meta-data, label, configChanges, theme and tools:ignore="UnusedAttribute" in an activity.
5# add app name. remove a receiver.
6# remove a use permission and a receiver. Remove theme from an activity. Change theme of an activity.
7# remove icon and exported="false" from a service. Change label of an activity. Add an activity.
8# add exported="false" in a service.

9# add a use permission and use features.
 10# remove use features.
 11# change package structure of an activity name.
 12# remove comments.
 13# formatting change.
 14# use fully qualified name in app and component names. Change package structure of 3 activities. Add fullBackupContent="true" and change resource folder of app icon. Add icon in a service. Remove label from an activity.
 15# add a use permission. remove enabled="true" and icon from a service. Add a receiver. Remove configChanges from an activity.
 16# add an action in an intent filter.
 17# remove app name.
 18# remove a use permission. use shorthand in component names. Add singleTask launch mode in two activities. Add a new activity.
 19# remove hardware acceleration and add launch mode in an activity.
 20# remove launch mode from an activity. Add data elements in an intent filter. remove noHistory="true" and add launch mode in an activity.
 21# change package name. change label in app and an activity. Use shorthand in a meta-data value.
 22# add singleTask launch mode in an activity. Add a data element in an intent filter.
 23# add a new activity.
 24# change app label. Remove a meta-data from app. Add two intent filters in an activity. Add a provider. Add configChanges, launch mode, and a meta-data in an activity. Remove theme from the activity.
 25# add configChanges in an activity.
 26# move a meta-data from an activity to app. Remove launch mode from an activity.
 27# change package name.
 28# remove a meta-data, an activity, and a provider. Add an intent filter in an activity.

452. <https://github.com/hidroh/materialistic>

Project created date: 2015-01-22

Download in play store: 50,000 - 100,000

Commit period: Jan 22, 2015 to Dec 27, 2016 – 1 yr. 11 months

Commit number: 62

No. of developers involved: 2 (58, 4)

App components: activity – 23 service – 6 receiver – 2 provider – 3

1# add a use permission. add an activity.

2# change package name.

3# change app icon.

4#, 5# add an activity.

6# add a setting activity and a new activity.

7# change label of an activity. Remove label from an activity. Move main intent filter to another activity.

8# remove an activity.

9# add about activity.

10# add an activity and a provider.
11# add a use permission. add app name.
12# add launch mode, a meta-data, and an intent filter in an activity.
13# add label in an activity.
14# revert 13#.
15#, 16# add configChanges in an activity.
17# add an intent filter in an activity.
18# add configChanges in five activities.
19# remove configChanges from two activities.
20# add four activities.
21# change resource value of a meta-data. Add an activity.
22# add a provider.
23#, 24# remove an activity.
25# add an activity.
26# add xmlns:tools. Add a receiver. Add <uses-sdk
tools:overrideLibrary="android.support.customtabs" />.
27# add an activity.
28# add a use permission and a service.
29# add a use permission.
30#, 31#, 32# add an activity.
33#, 34# add an intent filter in an activity.
35# add two intent filters in an activity.
36# add copyright.
37# remove launch mode from an activity.
38# add an activity.
39# remove configChanges from ten activities.
40# add supportsRtl="false" in application. Add tools:ignore="ExportedService" in a service.
41# add tools:ignore="UnusedAttribute" in application.
42# add fullBackupContent in application.
43# add singleTop launch mode in an activity.
44# remove a receiver.
45# add use permissions and define two permissions. protect a service with android:permission and
remove tools:ignore="ExportedService" from the service. Add two services and a receiver.
46#, 47# add an activity.
48# add label in an activity. Add an activity. move an intent filter.
49#, 50# add an activity.
51# add theme in an activity.
52# add an activity, a service, and a receiver components.
53# add a use permission.
54# add an activity.
55# add maxSdkVersion in a use permission. add tools:ignore="BatteryLife" in an action element.
56# add an intent filter in an activity and protect the activity with android:permission.
57# formatting change.
58# add round icon in app. Add a meta-data in an activity.

59# add a provider.
60# add two services.
61# add a service.
62# remove a service.

453. <https://github.com/materials/CM12-Theme>

Project created date: 2015-08-13
Download in play store: XXXXXXXX
Commit period: Nov 11, 2015 to Mar 2, 2016 – 3 months
Commit number: 8
No. of developers involved: 2 (7, 1)
App components: activity – service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# change package name.
2# revert 1#. Add a meta-data in app.
3# change package name.
4# revert 3#.
5# repeat 1#.
6# revert 5#.
7# repeat 1#.
8# upgrade target sdk from 21 to 23.

454. <https://github.com/icasdri/Mather>

Project created date: 2016-08-08
Download in play store: 1 - 5
Commit period: Aug 8, 2016 to Sep 1, 2016 – 23 days
Commit number: 3
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

1# add portrait orientation in an activity.
2# change app icon.
3# add a setting activity.

455. <https://github.com/chelovek84/mBrowser>

Project created date: 2015-08-01
Download in play store: 100 - 500
Commit period: Aug 1, 2015 to Oct 11, 2015 – 2 months
Commit number: 4
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# remove manifest file.
2# add manifest file.
3# version update. Add a category in an intent filter. add an intent filter.

4# version update.

456. <https://github.com/billthefarmer/melodeon>

Project created date: 2013-05-26

Download in play store:

Commit period: Jan 24, 2017 to Jun 14, 2017 – 4 months

Commit number: 4

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# change app theme.

2# add xmlns:tools and tools:ignore="GoogleAppIndexingWarning" in manifest. Upgrade target sdk from 17 to 25. Add tools:ignore="AllowBackup" in application. Use shorthand in activities names.

3# version update.

4# add tools:ignore="OldTargetApi" in uses-sdk.

457. <https://github.com/yaa110/Memento>

Project created date: 2016-12-07

Download in play store: 50 - 100

Commit period: Dec 7, 2016 – 1 day

Commit number: 7

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# add app name. change package structure of an activity name.

2# add configChanges in an activity.

3# add a use permission.

4#, 5# add an activity.

6# add portrait orientation in three activities.

7# no changes.

458. <https://github.com/gsantner/memetastic>

Project created date: 2017-03-12

Download in play store: 5 - 10

Commit period: Mar 12, 2017 to Sep 24, 2017 – 6 months

Commit number: 8

No. of developers involved: 1

App components: activity – 5 service – receiver – provider – 1

1# replace string resource with a placeholder in an activity label.

2# replace a resource with a placeholder in app icon. Replace placeholder with string resource in app label and two activities labels. Add icon in three activities.

3# remove portrait orientation from two activities.

4# change name of an activity.

5# add android:windowSoftInputMode="adjustResize" in an activity.

6# add a meta-data in app.

- 7# replace placeholders with resources in app and activities icons.
- 8# add a use permission. move main intent filter to another activity. Remove an activity.

459. <https://github.com/SecUSo/privacy-friendly-memo-game>

Project created date: 2016-05-03

Download in play store: 1,000 - 5,000

Commit period: May 20, 2016 to Dec 24, 2016 – 7 months

Commit number: 12

No. of developers involved: 3 (6, 4, 2)

App components: activity – 8 service – receiver – provider –

1# add a new activity. Add a meta-data in app.

2# remove a meta-data from app. Remove an activity. add an activity.

3#, 4#, 5# add an activity.

6# add a floating element closing tag.

7# remove 6#.

8# remove screen orientation and add configChanges in an activity.

9# add a new activity and make it main activity.

10# change package name. use fully qualified name in activities names.

11# change package name. change package name in activities names.

12# enable large heap.

460. <https://github.com/androidsoft-org/androidsoft-memory>

Project created date: 2014-09-06

Download in play store: 100,000 - 500,000

Commit period: Sep 9, 2014 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# version update. Upgrade min sdk from 4 to 11 and target sdk from 11 to 19. Add allowBackup="true".

461. <https://github.com/jakobwenzel/MensaGuthaben>

Project created date: 2013-05-27

Download in play store: 10,000 - 50,000

Commit period: Sep 12, 2013 to Feb 21, 2017 – 3 yrs. 5 months

Commit number: 19

No. of developers involved: 2 (18, 1)

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 11

1# remove coreApp="true" from manifest. Remove an intent filter and a meta-data from an activity. Add an activity and an activity alias.

2# version update. Downgrade min sdk from 17 to 10.

3#, 4# version update.

5# add a use permission.

6# version update. Upgrade min sdk from 10 to 11 and target sdk from 17 to 19.
7#, 8# version update.
9# remove a use permission.
10#, 11#, 12# version update.
13# add singleTask launch mode in an activity.
14# upgrade min sdk fom 11 to 14 and target sdk from 19 to 21. Change launch mode of an activity to singleTop. Change label of an activity. Change targetActivity name in an activity alias. Add an activity.
15# remove uses-sdk. Add android:noHistory="true" in an activity.
16# remove android:noHistory="true" from an activity.
17# add install location auto.
18#, 19# version update.

462. <https://github.com/Skarafaz/mercury>

Project created date: 2014-09-25
Download in play store: 500 - 1,000
Commit period: Nov 15, 2014 to Feb 4, 2017 – 2 yrs. 2 months
Commit number: 8
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –

1# add a use permission. add portrait orientation in an activity.
2# use fully qualified name in an activity name. add an activity.
3# remove an activity.
4# add a use permission.
5# add singleTop launch mode in an activity. Add an activity.
6# add an activity.
7# change name and label of an activity.
8# add a copyright.

463. <https://github.com/gsurel/MessengerBypasser>

Project created date: 2016-06-01
Download in play store:
Commit period: Jun 2, 2016 to Jun 27, 2016 – 25 days
Commit number: 3
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –

1# add app theme.
2# add a data element.
3# add use permissions. enable hardware acceleration and large heap. Add configChanges, launch mode, windowSoftInputMode, and theme in an activity. Add four intent filters.

464. <https://github.com/chaosdorf/meteroid>

Project created date: 2013-05-20
Download in play store: 50 - 100

Commit period: May 23, 2013 to Apr 5, 2017 – 3 yrs. 10 months

Commit number: 34

No. of developers involved: 3 (17, 16, 1)

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 21

1# add two activities.

2# upgrade min sdk from 7 to 12.

3# add a use permission and an activity.

4# remove main intent filter from three activities.

5# downgrade min sdk from 12 to 9. Upgrade target sdk from 16 to 17.

6# add an activity.

7# use shorthand in activities names. Change name of an activity.

8# version update.

9# upgrade target sdk from 17 to 18.

10# version update.

11# version update. Change label of two activities.

12#, 13# version update.

14# add a copyright.

15# version update.

16# upgrade target sdk from 18 to 19.

17#, 18# version update.

19# upgrade target sdk from 19 to 21.

20# upgrade target sdk from 21 to 23.

21# remove a use permission.

22# change copyright.

23#, 24# version update.

25# change name and label of an activity.

26# version update.

27# add theme in two activities.

28# add android:noHistory="true" in three activities.

29# change allowBackup to false.

30#, 31#, 32#, 33#, 34# version update.

465. <https://github.com/mannyamorim/metricktime>

Project created date: 2016-08-26

Download in play store:

Commit period: Aug 26, 2016 to Aug 31, 2016 – 5 days

Commit number: 4

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – 2 provider –

1# add a receiver and a service components.

2# add copyright.

3# add a use permission. remove a service. Add a receiver and a service.

4# add a setting activity.

466. <https://github.com/micolous/metrodroid>

Project created date: 2015-07-02

Download in play store: 1,000 - 5,000

Commit period: May 25, 2013 to Sep 15, 2016 – 3 yrs. 3 months

Commit number: 18

No. of developers involved: 3 (10, 7, 1)

App components: activity – 13 service – receiver – provider – 2

Exclusive version and uses-sdk related commit: 2

1# add use permissions, define a permission, and add a use feature. Change theme of an activity. Add a meta-data in app.

2# version update.

3# add a meta-data in app.

4# version update.

5# remove theme and debuggable="true" from application. Remove a uses-library. Add a meta-data in app.

6# remove uses-sdk. Add allowBackup="true" in application. Add an activity and move an intent filter to this activity. Add android:exported="false" in two providers.

7# change package structure of 11 activities names.

8# replace package name with app id placeholder in a permission, a use permission, two mime type, and two authorities.

9# version update. Use fully qualified name in app and activities names. Change a meta-data value. Remove a meta-data and add a meta-data in app. Add two new activities.

10# change orientation to sensorPortrait in four activities.

11# version update. Use shorthand in activities names.

12# change value of two meta-data.

13# remove version name and code. Use fully qualified name in activities names.

14# remove a meta-data. Change value of a meta-data.

15# remove two meta-data from app.

16# remove a permission and use permissions.

17# change app name.

18# add app theme.

467. <https://github.com/waelk10/Metronome>

Project created date: 2016-07-16

Download in play store: 100 - 500

Commit period: Jul 16, 2016 to Apr 16, 2017 – 9 months

Commit number: 3

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# add copyright.

2# change value of two meta-data in app.

3# remove four meta-data from app. Use fully qualified name in activities names.

468. https://github.com/JBirdVegas/external_jbirdvegas_mGerrit

Project created date: 2013-04-10

Download in play store: 100,000 - 500,000

Commit period: Feb 19, 2015 to Jun 5, 2016 – 1 yr. 4 months

Commit number: 18

No. of developers involved: 2 (15, 3)

App components: activity – 9 service – 1 receiver – provider – 1

Exclusive version and uses-sdk related commit: 1

1# change package structure of 7 activities names.

2# remove version and uses-sdk.

3# add theme in an activity.

4# remove theme from an activity.

5# change package structure of an activity name.

6# add xmlns:tools. Add tools:ignore="GoogleAppIndexingWarning" in application. Add a new activity.

7# change name of an activity.

8# change parent activity name in an activity.

9# add android:windowSoftInputMode="stateVisible|adjustPan" in an activity.

10# change stateVisible to stateUnchanged in windowSoftInputMode of an activity.

11# remove an activity.

12# add an activity.

13# add tools:targetApi="jelly_bean" in application. Add parent activity meta-data in eight activities.

14# add android:windowSoftInputMode="stateUnchanged|adjustResize" in two activities.

15# change value of windowSoftInputMode to adjustResize in an activity.

16# add android:windowSoftInputMode="stateVisible" in an activity.

17# add a meta-data in app.

18# change app theme.

469. <https://github.com/maks/MGit>

Project created date: 2016-10-14

Download in play store: 10,000 - 50,000

Commit period:

Commit number: 0

470. <https://github.com/gatheringhallstudios/MHGenDatabase>

Project created date: 2016-06-10

Download in play store: 100,000 - 500,000

Commit period: Jun 23, 2016 to Oct 15, 2016 – 3 months

Commit number: 5

No. of developers involved: 2 (3, 2)

App components: activity – 29 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# change label of an activity.

2# add an activity.

- 3# add two activities.
- 4# remove version name and code.
- 5# add android:resizeableActivity="true" in application.

471. <https://github.com/raulhaag/MiMangaNu>

Project created date: 2014-12-21

Download in play store:

Commit period: May 17, 2015 to Nov 6, 2017 – 2 yrs. 5 months

Commit number: 53

No. of developers involved: 6 (34, 10, 5, 2, 1, 1)

App components: activity – 3 service – 1 receiver – 5 provider – 1

Exclusive version and uses-sdk related commit: 2

1# change theme in app and an activity.

2# Add two new activities.

3# add configChanges in an activity.

4# change label of an activity.

5# remove an activity.

6# change name of a service.

7# change name of two activities.

8# add use permissions and two receivers.

9# change name of an activity.

10# formatting change.

11# change name of an activity.

12# change app theme.

13# change theme of an activity.

14# change app theme.

15# remove an activity. add an activity.

16# add an activity.

17# change name of two activities.

18#, 19# change name of an activity.

20# enable large heap in an activity.

21# change name of an activity.

22# add a use permission.

23#, 24# change name of an activity.

25# change theme of two activities.

26# Add a new activity. Move main intent filter.

27# remove two activities.

28# change name of an activity.

29# remove four activities.

30# remove two activities.

31# remove an activity.

32# enable large heap in app.

33# add standard launch mode in an activity. Add an activity.

34# remove an activity.

35# 36# change a comment.
37# add app name.
38# add a use permission.
39# add a use permission and a receiver.
40# remove an activity and a service.
41# add a service.
42# add a receiver.
43# remove an activity.
44# add a receiver.
45# change name of a receiver.
46# add a receiver.
47# remove a receiver and add an activity.
48# add install location preferExternal.
49# change app icon. Remove app theme. Add a new activity and make it main activity.
50# add a provider.
51# add min and target sdk.
52# move a floating action element in a new intent filter.
53# upgrade target sdk from 25 to 26.

472. https://github.com/easytargetmixel/micopi_android

Project created date: 2014-04-21

Download in play store: 100,000 - 500,000

Commit period: Dec 21, 2015 to Feb 23, 2016 – 2 months

Commit number: 2

No. of developers involved: 1

App components: activity – 3 service – 1 receiver – provider –

1# remove theme from an activity.

2# change package name. remove supports-screens. Add a use feature. Change app icon. Change package name in 3 activities and a service.

473. <https://github.com/mridang/microchip>

Project created date: 2015-10-03

Download in play store: 1,000 - 5,000

Commit period: Feb 28, 2016 to Mar 22, 2016 – 24 days

Commit number: 2

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – 3 provider –

1# add an intent filter in a receiver. Add two receivers.

2# add app name. add an action and a category in an intent filter.

474. <https://github.com/mkulesh/microMathematics>

Project created date: 2017-07-29

Download in play store: 500 - 1,000

Commit period: Aug 2, 2017 to Sep 11, 2017 – 1 month

Commit number: 7

No. of developers involved: 2 (6, 1)

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# remove version name and code.

2# revert 1#.

3# upgrade min sdk from 8 to 9.

4# remove version and uses-sdk.

5# replace string resources with placeholders in labels of app, an activity, and an intent filter.

6# revert 5#.

7# add a new activity.

475. <https://github.com/bitplane/Microphone>

Project created date: 2011-01-03

Download in play store: 1,000,000 - 5,000,000

Commit period: Sep 7, 2010 to Sep 22, 2010 – 15 days

Commit number: 4

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# version update. Add an intent filter in a service.

2#, 3#, 4# version update.

476. <https://github.com/dotWee/MicroPinner>

Project created date: 2015-06-11

Download in play store: 1,000 - 5,000

Commit period: Jun 30, 2015 to Aug 30, 2016 – 1 yr. 2 months

Commit number: 12

No. of developers involved: 2 (11, 1)

App components: activity – 1 service – receiver – 3 provider –

1# add a receiver.

2# Change name of a receiver and add exported="true".

3# change name of an action element.

4# change package structure of two receivers names.

5# remove an activity.

6# add android:fullBackupContent="true" in application.

7# add a receiver component.

8# Add a receiver component.

9# change package structure of an activity name.

10# remove a receiver.

11# change name of an activity.

12# add xmlns:tools. Add tools:ignore="GoogleAppIndexingWarning" in application.

477. <https://github.com/MartiniMoe/MIDICtrl>

Project created date: 2016-12-19
Download in play store:
Commit period:
Commit number: 0

478. <https://github.com/graham22/Classic>

Project created date: 2014-12-01
Download in play store: 1,000 - 5,000
Commit period: Dec 6, 2014 to Nov 11, 2017 – 2 yrs. 11 month
Commit number: 37
No. of developers involved: 1
App components: activity – 3 service – 3 receiver – provider –
Exclusive version and uses-sdk related commit: 24

1# remove maxSdkVersion from uses-sdk.
2# add xml encoding tag. Use shorthand in app and component names.
3# add use permissions. remove a service and add two new services.
4# change app name. use shorthand in a service name.
5# add app logo.
6# remove an activity.
7# add a new service.
8#, 9# add a use permission.
10# version update.
11# remove an activity.
12# remove uses-sdk. Remove a use permission.
13# remove use permissions.
14#, 15#, 16#, 17#, 18#, 19#, 20#, 21#, 22#, 23# version update.
24# add a new activity and make it main activity.
25#, 26#, 27#, 28# version update.
29# version update. Add use permissions.
30#, 31#, 32#, 33#, 34#, 35#, 36#, 37# version update.

479. <https://github.com/ikarus23/MifareClassicTool>

Project created date: 2013-02-12
Download in play store: 100,000 - 500,000
Commit period: Feb 13, 2015 to Nov 17, 2017 – 2 yrs. 9 months
Commit number: 4
No. of developers involved: 1
App components: activity – 17 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# remove version and uses-sdk.
2# change app icon.
3# add an activity.
4# add app theme.

480. <https://github.com/evancharlton/android-mileage>

Project created date: 2015-03-03

Download in play store: 500,000 - 1,000,000

Commit period: Nov 9, 2008 to May 19, 2012 – 3 yrs. 6 months

Commit number: 85

No. of developers involved: 1

App components: activity – 51 service – 2 receiver – 2 provider – 1

Exclusive version and uses-sdk related commit: 28

1# add debuggable="true".

2# version update. Replace constant with string resource in version name. revert 1#.

3# replace string resource with constant in version name. add debuggable="true". Add an activity.

4# version update. Remove debuggable="true".

5# version update.

6# add an activity.

7# add debuggable="true".

8#, 9# version update.

10# version update. Add a meta-data in app.

11# remove debuggable="true" change orientation to user.

12# version update. Change value of a meta-data.

13# version update. Add debuggable="true".

14# change debuggable to false.

15# version update. Remove debuggable="false".

16# version update.

17# add debuggable="true".

18# revert 17#.

19# repeat 17#. Add three activities.

20# add three new activities.

21#, 22# version update.

23# version update. Remove debuggable="true".

24#, 25# version update.

26# Remove a use permission. add a use permission. add debuggable="true".

27# add an activity.

28# version update.

29# add four activities.

30# add a receiver and three activities.

31# add a use permission. remove label from an activity. add labels in fifteen activities.

32# remove debuggable="true".

33# formatting change.

34#, 35#, 36# version update.

37# add uses-sdk.

38# version update. Remove four activities and add an activity.

39# version update. Add a use permission. add supports-screens.

40# version update.

41# add debuggable="true".

42# revert 41#.
43# version update.
44# version update. Add target sdk. Remove screen orientation and add theme in an activity.
45#, 46# version update.
47# add debuggable="true".
48# change package structure of name and authorities of a provider. Remove twenty activities and a receiver. Add three new activities.
49# add an activity.
50#, 51# add four activities.
52# remove labels from eight activities, add two new activities.
53# add an activity.
54# remove a meta-data from app. Add six activities.
55# add fifteen activities.
56# add labels in fifteen activities. Change labels of six activities.
57# add two new activities.
58# change labels of fifteen activities.
59# version update. Add a receiver.
60# add seven activities.
61# change name of an activity.
62#, 63# add a new activity.
64# change labels of six activities.
65# change app icon.
66# correct an activity tag.
67# remove debuggable="true".
68# upgrade target sdk from 4 to 5.
69#, 70# add a new activity.
71#, 72#, 73#, 74# version update.
75# upgrade min sdk from 3 to 4.
76#, 77#, 78#, 79# version update.
80# add install location auto. Upgrade target sdk from 5 to 10.
81# add an activity.
82# remove theme from an activity.
83# add a service.
84# remove an activity. add a service and a receiver.
85# version update.

481. <https://github.com/vamartid/Minesweeper>

Project created date: 2016-06-21

Download in play store:

Commit period: Sep 18, 2016 to Dec 1, 2016 – 2 months

Commit number: 4

No. of developers involved: 2 (3, 1)

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

- 1# version update.
- 2# change package name. replace number with string in version name.
- 3#, 4# version update.

482. <https://github.com/minetest/minetest>

Project created date: 2011-08-07
Download in play store: 100,000 - 500,000
Commit period:
Commit number: 0

483. <https://github.com/rubenwardy/mtmods4android>

Project created date: 2016-01-15
Download in play store: 5,000 - 10,000
Commit period: Jan 16, 2016 to Jul 29, 2017 – 1 yr. 6 months
Commit number: 14
No. of developers involved: 1
App components: activity – 7 service – 1 receiver – 1 provider –

1# add a use permission and a service.
2# formatting change.
3#, 4# add an activity.
5# add a receiver.
6# add an activity.
7# add about activity.
8# add an activity.
9# add an intent filter in an activity.
10# change labels of four activities.
11# add xmlns:tools and tools:ignore="UnusedAttribute" in manifest.
12# change package structure in 7 activities names.
13# add app name.
14# remove an activity. add an activity.

484. <https://github.com/rubenroy/Minimal-Todo>

Project created date: 2015-09-19
Download in play store: 10,000 - 50,000
Commit period: Sep 9, 2015 to Nov 21, 2015 – 2 months
Commit number: 8
No. of developers involved: 2 (7, 1)
App components: activity – 5 service – 2 receiver – provider –

1# add an activity.
2# add singleTop launch mode in an activity. add parent activity name in an activity.
3# add portrait orientation in two activities.
4# change app icon.
5# change app icon. Add two activities and a service.
6# add a service.

7# add use permissions. add app name and change app theme. Add a setting activity.
8# change package name.

485. <https://github.com/niteshpatel/ministocks>

Project created date: 2013-04-13
Download in play store: 100,000 - 500,000
Commit period: Oct 17, 2016 to Nov 13, 2017 – 1 yr. 1 month
Commit number: 7
No. of developers involved: 1
App components: activity – 8 service – receiver – 4 provider – 1
Exclusive version and uses-sdk related commit: 7

1#, 2#, 3#, 4#, 5#, 6# version update.
7# upgrade min sdk from 10 to 16.

486. <https://github.com/imshyam/mintube>

Project created date: 2016-01-24
Download in play store:
Commit period: Feb 2, 2016 to May 25, 2017 – 1 yr. 3 months
Commit number: 31
No. of developers involved: 1
App components: activity – 6 service – 1 receiver – provider –

1# add an activity and make it main activity. change exported to false in a service. Change theme of an activity.
2# change exported to true in a service. Change theme and label of an activity. add an intent filter and move an intent filter in an activity.
3# add a use permission. remove a service. Add a service.
4# enable hardware acceleration. Change label of an activity.
5# add an activity. remove android:excludeFromRecents="true" from an activity.
6# add a setting activity.
7# add an activity.
8#, 9# remove an activity. add a new activity.
10# add portrait orientation in an activity. add an activity.
11# add android:excludeFromRecents="true" in an activity.
12# add a meta-data in an activity.
13# add an intent filter in an activity.
14# enable hardware acceleration in an activity. Add a meta-data in app.
15# change package name. use fully qualified name in component names.
16# remove a use permission and an activity.
17# change package name. change package structure in 6 activities and a service.
18# add app theme. Use shorthand in component names. Remove parent activity name and its meta-data from an activity.
19# remove an activity.
20# add a use permission.
21# add an activity.

22# remove a meta-data from app.
23# revert 22#.
24# change value of a meta-data.
25# remove manifest file.
26# add manifest file.
27#, 28#, 29# change value of a meta-data.
30# remove manifest file.
31# add manifest file.

487. <https://github.com/mattgmg1990/miracast-widget>

Project created date: 2013-12-29
Download in play store: 1,000,000 - 5,000,000
Commit period: Apr 3, 2016 to Apr 4, 2016 – 2 days
Commit number: 3
No. of developers involved: 1
App components: activity – 1 service – receiver – 1 provider –
Exclusive version and uses-sdk related commit: 1

1# upgrade target sdk from 18 to 23.
2# remove version and uses-sdk. Add use permissions. add app name.
3# add xmlns:tools. Add a use permission.

488. <https://github.com/httpdispatch/MissedNotificationsReminder>

Project created date: 2015-11-11
Download in play store: 10,000 - 50,000
Commit period: Nov 18, 2015 to May 14, 2016 – 6 months
Commit number: 4
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

1# remove a service.
2#, 3#, 4# add a use permission.

489. <https://github.com/artetxem/mitzuli>

Project created date: 2014-01-26
Download in play store: 10,000 - 50,000
Commit period: Feb 22, 2014 to Feb 8, 2015 – 11 months
Commit number: 7
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

1# add app name.
2# add configChanges in an activity.
3# add a use permission.
4# add install location auto.
5# add a use permission.
6# add locale|layoutDirection in configChanges of an activity.

7# remove a comment.

490. <https://github.com/inguin/moneybalance>

Project created date: 2012-09-06

Download in play store:

Commit period: Sep 18, 2012 to Jun 14, 2016 – 3 yrs. 8 months

Commit number: 8

No. of developers involved: 1

App components: activity – 6 service – receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# change app icon.

2# version update. Downgrade min sdk from 11 to 7 and upgrade target sdk from 15 to 18. Add allowBackup="true" in application.

3# version update. Add a use permission.

4# upgrade min sdk from 7 to 8 and target sdk from 18 to 19. Add an activity.

5# remove uses-sdk.

6#, 7#, 8# version update.

491. <https://github.com/andviane/moon>

Project created date: 2014-06-28

Download in play store:

Commit period: Jul 11, 2014 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# version update.

492. <https://github.com/mannd/morbidmeter-android>

Project created date: 2011-10-09

Download in play store: 10 - 50

Commit period: Nov 18, 2014 to Aug 26, 2017 – 2 yrs. 9 months

Commit number: 8

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 7

1# remove uses-sdk.

2# version update.

3# add xmlns:tools. Add tools:ignore="UnusedAttribute" in application.

4#, 5#, 6#, 7#, 8# version update.

493. <https://github.com/rosenpin-deprecated/More-For-GO>

Project created date: 2016-07-16

Download in play store: 10,000 - 50,000

Commit period: Jul 20, 2016 to Aug 22, 2016 – 1 month

Commit number: 9

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – 2 provider –

1# add a setting activity.

2# change package structure of 3 activities and a service.

3# change package structure of 3 activities.

4# add a new activity.

5# add android:enabled="true" and android:exported="true" in a service.

6# add xmlns:tools and android:permission in manifest tag. Add use permissions. add four activities, two receivers, and a service.

7# add android:fullBackupContent="true" in application.

8# remove four activities and two services.

9# remove a use permission. change label of an activity.

494. <https://github.com/mosmetro-android/mosmetro-android>

Project created date: 2016-01-31

Download in play store: 500,000 - 1,000,000

Commit period: Aug 18, 2017 to Nov 4, 2017 – 2 months

Commit number: 3

No. of developers involved: 1

App components: activity – 9 service – 1 receiver – 2 provider – 1

1# remove android:excludeFromRecents="true" from an activity.

2# remove a use permission. remove an activity. add a provider component.

3# add singleTop launch mode in an activity.

495. <https://github.com/CarstenKarbach/MoTAC>

Project created date: 500 - 1,000

Download in play store: 500,000 - 1,000,000

Commit period: Oct 3, 2015 to Dec 13, 2015 – 2 months

Commit number: 6

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

1# add an activity.

2# remove version and uses-sdk. Change allowBackup to false.

3# add a new activity.

4# add a use permission.

5# add an activity.

6# add android:supportsRtl="true" in app.

496. <https://github.com/chrismiceli/motp>

Project created date: 10,000 - 50,000

Download in play store: 10 - 50

Commit period:

Commit number: 0

497. <https://github.com/cerisara/mousetodon>

Project created date: 2017-04-22

Download in play store:

Commit period: Apr 16, 2017 to May 17, 2017 – 1 month

Commit number: 6

No. of developers involved: 2 (5, 1)

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# move a use permission from application to manifest.

2# add app icon and allowBackup="true". Add configChanges in an activity.

3# version update. Add min and target sdk.

4# add a use permission.

5#, 6# version update.

498. https://github.com/movim/movim_android

Project created date: 2015-01-20

Download in play store: 1,000 - 5,000

Commit period: Feb 18, 2015 to Jan 11, 2017 – 1 yr. 11 months

Commit number: 10

No. of developers involved: 2 (9, 1)

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 9

1# version update.

2# upgrade min sdk from 9 to 21.

3#, 4#, 5#, 6#, 7#, 8# version update.

9# add configChanges in an activity.

10# version update.

499. <https://github.com/mozilla/MozStumbler>

Project created date: 2013-07-04

Download in play store: 50,000 - 100,000

Commit period: Sep 27, 2014 to Jan 28, 2016 – 1 yr. 4 months

Commit number: 39

No. of developers involved: 4 (22, 13, 3, 1)

App components: activity – 8 service – 2 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 14

1# change app theme. add an activity. remove an activity.

2# remove uses-sdk. Change labels of two activities. Change parent activity name in three activities.

Remove parent activity and meta-data from an activity.

3# add an activity.

4# change package structure of 4 activities names.

5# add configChanges in an activity. remove an activity.

6# change parent activity name in two activities.
7# add an activity.
8# version update.
9# remove an activity. add an activity.
10# version update.
11# remove launch mode and configChanges from an activity.
12# add singleTask launch mode in an activity.
13#, 14#, 15#, 16#, 17#, 18#, 19#, 20#, 21#, 22# version update.
23# add required="true" in a use feature and required="false" in two use features.
24# remove required attribute from two use features.
25# replace numbers with strings in version name and code.
26# add a use permission.
27# remove a receiver.
28# remove a use permission.
29# add a use feature.
30# add an activity and a receiver.
31# formatting change.
32# remove version name and code.
33# add an activity.
34# remove a meta-data from a receiver.
35# add an activity.
36# use full package name in values of seven parent activity meta-data. Remove an activity and a receiver.
37# remove use permissions and use features.
38# formatting change.
39# change allowBackup value to false.

500. <https://github.com/microg/IchnaeaNlpBackend>

Project created date: 2015-02-13

Download in play store:

Commit period: Mar 22, 2015 to Feb 23, 2016 – 11 months

Commit number: 4

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 4

1#, 2# version update.

3# version update. Upgrade target sdk from 22 to 23.

4# remove version name and code.

501. <https://github.com/abarisain/dmix>

Project created date: 2010-06-23

Download in play store: 100,000 - 500,000

Commit period: Aug 16, 2014 to Dec 7, 2014 – 3 months

Commit number: 6

No. of developers involved: 2 (4, 2)

App components: activity – 12 service – 2 receiver – 5 provider – 1

1# remove xmlns:tools, version code and name.

2# add theme in four activities and change theme in two activities.

3# formatting change.

4# add an action in an intent filter.

5# formatting change.

6# remove an activity.

502. <https://github.com/loisaidasam/mta-fare-buster-android>

Project created date: 2014-10-24

Download in play store: 500 - 1,000

Commit period: Dec 5, 2015 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# remove version and uses-sdk. Change app icon. Add supportsRtl="true". Use shorthand in an activity name and remove label of the activity.

503. <https://github.com/AEFeinstein/mtg-familiar>

Project created date: 2014-02-14

Download in play store: 500,000 - 1,000,000

Commit period: Jul 17, 2015 to Nov 15, 2017 – 2 yrs. 4 months

Commit number: 17

No. of developers involved: 3 (14, 2, 1)

App components: activity – 2 service – 3 receiver – 3 provider – 2

Exclusive version and uses-sdk related commit: 1

1# add a use permission.

2# add a use feature and a service.

3# remove a use permission and a service.

4# remove a use feature.

5# remove a meta-data from app.

6# use shorthand in component names.

7# remove version name and code.

8# formatting change.

9# add android:fullBackupContent="true" in application.

10# add a use feature.

11# formatting change.

12# add a use feature.

13# add a provider.

14# use shorthand in authorities of two provider names.

15# use fully qualified name in a provider name and authorities of two providers.

16# change app icon. Add round icon in app.

17# add copyright.

504. <https://github.com/kconger/org.thecongers.mtpms>

Project created date: 2015-01-13

Download in play store: 10 - 50

Commit period: Dec 22, 2014 to Oct 22, 2016 – 1 yr. 10 months

Commit number: 8

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# add an intent filter in an activity.

2# remove keyboardHidden from configChanges of an activity.

3# add a use permission.

4# remove uses-sdk and a receiver.

5# change package name. change app label. Change package of an activity name and remove label from the activity.

6#, 7#, 8# version update.

505. <https://github.com/LeonardoCardoso/Multitouch-Test>

Project created date: 2015-02-11

Download in play store: 10,000 - 50,000

Commit period:

Commit number: 0

506. <https://github.com/crazyhitty/Munch>

Project created date: 2015-12-22

Download in play store: 10,000 - 50,000

Commit period: Jan 15, 2016 to Feb 6, 2016 – 21 days

Commit number: 2

No. of developers involved: 1

App components: activity – 5 service – 1 receiver – 1 provider –

1# add a use permission.

2# add a service and a receiver.

507. <https://github.com/SimpleMobileTools/Simple-Music-Player>

Project created date: 2016-01-10

Download in play store: 50,000 - 100,000

Commit period: Jan 10, 2016 to Nov 7, 2017 – 1 yr. 10 months

Commit number: 45

No. of developers involved: 1

App components: activity – 8 service – 1 receiver – 4 provider – 1

1# formatting change.

2# add portrait orientation in an activity.

3# formatting change.

4# add use permissions and a service.

5# add a receiver.
6# remove a receiver. add a receiver.
7# add a receiver.
8# add a use permission.
9# add a receiver.
10# add an activity.
11# add enabled="true" in application. Add exported="false" and an intent filter in a service.
12# add an action in an intent filter. add a receiver.
13# change package name. use fully qualified name in component names. Replace old package name with new package name everywhere. Change package structure in a service.
14# remove android:supportsRtl="true". Add singleTask launch mode in an activity.
15# remove a use permission and add a use permission. add an action in an intent filter.
16# add an action in an intent filter.
17# remove an action from an intent filter.
18# use shorthand in component names. Add about activity.
19# add license activity.
20# change app icon.
21# add icon in a receiver.
22# remove a use permission.
23# add a use permission.
24# change package structure of four activities names.
25# change package structure of 3 receiver names. Add android:enabled="true", android:exported="true" in a receiver. Add priority and a category in an intent filter of a receiver.
26# add an action in an intent filter.
27# add a setting activity.
28# remove portrait orientation from four activities.
29# add parent activity name in three activities.
30# change app label.
31# remove a use permission.
32# Add a use permission.
33# formatting change.
34# change package structure of a receiver name.
35# change package structure of a service name.
36# add a new activity and make it main activity.
37# change icons in app and a receiver.
38# add a new activity. use fully qualified name in two activities.
39# add app name.
40# add an activity.
41# add round icon in app.
42# add an action in an intent filter.
43# add a provider.
44# add two intent filters in an activity.
45# add xmlns:tools and a use permission.

508. <https://github.com/maxammann/music-cyclon>

Project created date: 2015-08-19

Download in play store:

Commit period: Aug 20, 2015 to Jun 15, 2016 – 9 months

Commit number: 5

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – 2 provider –

1# change resource value of a meta-data of a receiver.

2# remove a use permission. change label of an activity. remove a receiver.

3# add a use permission. remove an activity and add two new activities. Change package structure of a service and a receiver names.

4# remove a receiver. Change package structure of an activity name.

5# add singleInstance launch mode in a service. Add two receivers.

509. <https://github.com/romannurik/muzei>

Project created date: 2014-02-06

Download in play store: 1,000,000 - 5,000,000

Commit period: Feb 14, 2014 to Oct 29, 2017 – 3 yrs. 8 months

Commit number: 40

No. of developers involved: 2 (33, 7)

App components: activity – 7 service – 6 receiver – 3 provider –

Exclusive version and uses-sdk related commit: 1

1# remove maxSdkVersion from a use permission.

2# add android:supportsRtl="true" in application.

3# remove version and uses-sdk.

4# add exported="true" in an activity.

5# add an intent filter in an activity.

6# change app icon. Remove icon from an activity.

7# add parent activity name in an activity.

8# move main intent filter to another activity. change value of meta-data in two services.

9# move main intent filter back.

10# add a meta-data in app.

11# add xmlns:tools. Add a use permission and a service.

12# remove a meta-data from app.

13# add maxSdkVersion in a use permission.

14# change package structure of a service name.

15# change name of a service. Change name of an action and add a data element in an intent filter of a service.

16# add a meta-data in a service. Remove exported="true" from an activity. add a new activity.

17# remove an activity. add an activity. change value of a meta-data, remove a meta-data, add a new meta-data in a service.

18# add a service component.

19# remove a use permission.

20# remove app name.

21# remove a service component.
 22# remove a use permission, a service, and two activities.
 23# remove a receiver.
 24# add a service component.
 25# change package structure of a service name.
 26# add a service component.
 27# add an intent filter in an activity.
 28# remove a service.
 29# add android:directBootAware="true" in a service.
 30# add android:resizeableActivity="false" in an activity.
 31# add two receivers.
 32# add an activity.
 33# add android:exported="true" android:excludeFromRecents="true" android:taskAffinity="" in an activity.
 34# add an activity and a receiver.
 35# add a meta-data in app.
 36#, 37# remove a receiver.
 38# change theme of an activity.
 39# change package structure of a receiver name.
 40# move an intent filter to new activity alias.

510. https://github.com/WeAreFairphone/android_packages_apps_MyContactsWidget

Project created date: 2017-04-28

Download in play store: XXXXXXXX

Commit period: Mar 19, 2014 to May 8, 2017 – 3 yrs. 1 month

Commit number: 10

No. of developers involved: 3 (7, 2, 1)

App components: activity – 2 service – 1 receiver – 2 provider –

Exclusive version and uses-sdk related commit: 3

1# upgrade min sdk from 8 to 16.

2# change package name. change package structure of an activity and a receiver name. change name and label of a service. add a receiver.

3# change icons in app and a service.

4# change app icon.

5# add a use permission and a receiver.

6# upgrade min sdk from 16 to 21 and target sdk from 17 to 21. change resource value of a meta-data of a receiver.

7# downgrade min sdk from 21 to 17.

8# change package name. add a use permission. change app icon. Change package name in an activity, a service, and two receivers. Change theme of an activity. remove a category from an intent filter. add a new activity. change icon of a service. Remove a receiver.

9# version update.

10# version update. Add install location internalOnly.

511. <https://github.com/mtotschnig/MyExpenses>

Project created date: 2012-02-29

Download in play store: 500,000 - 1,000,000

Commit period: Mar 26, 2015 to Nov 17, 2017 – 2 yrs. 7 months

Commit number: 83

No. of developers involved: 1

App components: activity – 24 service – 6 receiver – 3 provider – 3

Exclusive version and uses-sdk related commit: 11

1# version update.

2# add a provider.

3# add an activity.

4#, 5#, 6# version update.

7# add an intent filter in an activity.

8# change action name of an intent filter. add an intent filter in an activity.

9#, 10#, 11# version update.

12# remove version name and code.

13# change an action name in two intent filters. Remove a category from an intent filter.

14# version update.

15# remove uses-sdk.

16# change name of an activity and an action name in an intent filter of the activity.

17# add an activity.

18# remove an intent filter from an activity.

19# remove a receiver. Add a service and a receiver.

20# add period in name of a service.

21# remove android:uiOptions and a meta-data from two activities. Remove a meta-data from outside of application tag.

22# add theme in an activity.

23# add theme in three activities.

24# add theme in two activities.

25# add theme in an activity.

26# change theme of four activities.

27# add <uses-sdk xmlns:tools="http://schemas.android.com/tools" tools:overrideLibrary="android.support.v14.preference" />

28# remove theme from two activities. Change theme of an activity.

29# add theme in an activity.

30# add theme in seven activities and change theme in an activity.

31# change theme of an activity.

32# add an intent filter in an activity. change action name and remove a category from an intent filter.

33# formatting change.

34# add android:supportsRtl="true".

35# add xmlns:tools. Change value of tools:overrideLibrary in uses-sdk. Add tools:replace="android:icon" in application.

36# revert last two commit of 35#.

37# add a meta-data in an activity.

38# add tools:ignore="UnusedAttribute" in supports-screens and application. Remove xmlns:tools from uses-sdk.

39# add allowBackup="true" in application. Add exported="false" in a service.

40# replace string resource with placeholders in labels of app and an activity and in authorities of two providers.

41# use full package name in values of two meta-data of two activities.

42# add android:fullBackupContent in application.

43# add a provider.

44# remove a provider. Add a provider.

45# add an intent filter in an activity. add exported="true" in an activity.

46# separate an activity into two activities.

47# add android:excludeFromRecents="true" in an activity. change path in a data element.

48# formatting change.

49# change app icon.

50# change app icon.

51# add use permissions. add two services. Add android:exported="\${debug}" in a service. Add android:syncable="true" in a provider.

52# add an intent filter in an activity.

53# add a use permission. add an activity.

54# replace tools:ignore with tools:replace in application.

55# change name of a receiver. Change path in a data element.

56# add tools:ignore="UnusedAttribute" in an intent filter, two activities, and a service.

57# formatting change.

58# change android:exported="false" to android:exported="\${debug}" in a service.

59# add a new activity and make it main activity.

60# add a meta-data in an activity. add an intent filter in an activity.

61# add an activity.

62# add maxSdkVersion in three use permissions.

63# add exported="false" in nine activities.

64# add a service.

65# change value of tools:overrideLibrary in uses-sdk. Add an activity.

66# add a use permission.

67# change label of an activity.

68# change theme of an activity.

69# remove an activity.

70# add a use permission. change value of tools:overrideLibrary in uses-sdk.

71# change value of tools:overrideLibrary in uses-sdk.

72# change theme of an activity.

73# change value of tools:overrideLibrary in uses-sdk.

74# add an activity.

75# remove uses-sdk.

76# change path of a data element.

77# add a data in an intent filter of an activity.

78# replace package name with placeholder in three action elements and a path element.
79# change name of an activity.
80# protect a service with android:permission.
81# add a use permission.
82# add exported="true" and an intent filter in an activity.
83# remove mime type and add scheme, host, and path in a data element.

512. <https://github.com/gjedeer/mylocation>

Project created date: 2015-11-09
Download in play store: 50,000 - 100,000
Commit period: Jun 20, 2017 – 1 day
Commit number: 2
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# remove an activity.
2# version update.

513. <https://github.com/fixme-lausanne/MyHackerspace>

Project created date: 2012-04-21
Download in play store: 10,000 - 50,000
Commit period: Jul 21, 2016 to Dec 30, 2016 – 4 months
Commit number: 3
No. of developers involved: 2 (2, 1)
App components: activity – 4 service – 1 receiver – 2 provider –
Exclusive version and uses-sdk related commit: 2

1# remove uses-sdk.
2# add android:exported="false" in an activity.
3# remove version name and code.

514. <https://github.com/aykit/MyOwnNotes>

Project created date: 2014-04-10
Download in play store: 1,000 - 5,000
Commit period: Apr 16, 2014 to Jun 13, 2015 – 1 yr. 2 months
Commit number: 13
No. of developers involved: 2 (12, 1)
App components: activity – 5 service – receiver – provider –
Exclusive version and uses-sdk related commit: 8

1# remove an activity. add an intent filter in an activity.
2# change package name.
3# change app theme.
4# formatting change.
5# add two activities.
6#, 7#, 8#, 9#, 10#, 11#, 12#, 13# version update.

515. <https://github.com/WangDaYeeeeee/Mysplash>

Project created date: 2016-07-18

Download in play store: 10,000 - 50,000

Commit period: Jul 25, 2016 to Oct 7, 2017 – 1 yr. 2 months

Commit number: 32

No. of developers involved: 1

App components: activity – 20 service – 1 receiver – 1 provider – 1

1# add app name. enable hardware acceleration. Remove android:supportsRtl="true". Add a use permission and three activities.

2# change app name. change package structure of four activities names. Add label in three activities.

3# change app theme. Remove hardware acceleration. Change theme of four activities.

4# change package structure of an activity name. add four new activities.

5# change package structure of an activity name. add a new activity.

6# add a new activity.

7# change theme of nine activities.

8# change theme of an activity.

9# add an activity. change launch mode to singleInstance in an activity.

10# change theme of five activities.

11# add an activity.

12# add an intent filter in three activities. Add a receiver.

13# change package structure of an activity name.

14# add an intent filter in an activity.

15# add round icon and tools:targetApi="25" in application. Add ManifestResource in tools:ignore in application tag. Add an intent filter in three activities. Add singleTask launch mode in an activity.

16# remove singleTask launch mode from an activity.

17#, 18#, 19# add an activity.

20# change name of an activity. add a new activity.

21# change theme and name of an activity. Remove a receiver. Add use permissions and an activity.

22# change theme of three activities. Add a receiver component.

23# change package structure of nine activities names and a receiver name.

24# enable large heap and supportsRtl. Add android:clearTaskOnLaunch="true" and android:launchMode="singleTask" in an activity.

25#, 26# add an activity.

27# remove an activity.

28# add taskAffinity and allowTaskReparenting="true" in application. Add singleTask launch mode in six activities. Add use permissions, an activity, and a service.

29# add a category in an intent filter. add a provider.

30# change value of taskAffinity and tools:targetApi in application. Add a new activity. Move four intent filters from four activities to the new activity. remove singleTask launch mode from four activities. Change launch mode to singleInstance in an activity.

31# remove an activity and add a new activity.

32# formatting change.

516. <https://github.com/pot8oe/mythmote>

Project created date: 2015-03-14

Download in play store: 50,000 - 100,000

Commit period: Aug 20, 2015 to Jul 7, 2016 – 10 months

Commit number: 2

No. of developers involved: 2 (1, 1)

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 2

1# remove uses-sdk.

2# remove version name and code.

517. <https://github.com/igorlmeida/muzei-apod>

Project created date: 2014-08-22

Download in play store:

Commit period: Aug 23, 2014 to Oct 4, 2016 – 2 yrs. 2 months

Commit number: 4

No. of developers involved: 1

App components: activity – service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# add version name and code.

2#, 3#, 4# version update.

518. <https://github.com/msal/muzei-nationalgeographic>

Project created date: 2014-02-20

Download in play store: 10,000 - 50,000

Commit period: Feb 22, 2014 to Feb 10, 2015 – 11 months

Commit number: 2

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – provider –

1# add an activity.

2# use shorthand in an activity name.

519. <https://github.com/navit-gps/navit>

Project created date: 2015-02-14

Download in play store: 500,000 - 1,000,000

Commit period: Jan 17, 2011 to Jan 26, 2017 – 6 yrs.

Commit number: 20

No. of developers involved: 5 (8, 7, 2, 2, 1)

App components: activity – 6 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# version update. Add target sdk. Add resizable and anyDensity in supports-screens.

2# add an intent filter in an activity.

3# add a use permission.

4# add an activity.

5# replace numbers in version name and code with variables.
 6# add app icon. Remove icon from an activity.
 7#, 8# add an activity.
 9# replace variable with a number in min sdk. Replace number with variable in target sdk.
 10# add install location auto.
 11# downgrade min sdk from 4 to 3.
 12# add app name.
 13# version update.
 14# formatting change.
 15# add use features.
 16# add an activity.
 17# upgrade min sdk from 3 to 7. Remove theme and add screenSize in configChanges of an activity.
 18# add app theme.
 19# change app theme and add theme in an activity.
 20# add an activity and a service.

520. <https://github.com/SecUSo/privacy-friendly-netmonitor>

Project created date: 2016-11-01

Download in play store: 5,000 - 10,000

Commit period: Nov 16, 2016 to Jan 21, 2017 – 2 months

Commit number: 16

No. of developers involved: 2 (15, 1)

App components: activity – 7 service – 1 receiver – provider –

1# remove a use permission and two services.
 2# change package name. change package name in values of two meta-data in two activities.
 3# add a service.
 4# change name of an activity and activity name in a meta-data. Add three activities.
 5# remove a use permission.
 6# add theme in two activities.
 7# change name of an activity.
 8# change label of an activity.
 9# change package name. use fully qualified name or replace package name in components. Add theme in an activity. add enabled="true" in a service.
 10# remove an activity. change activity name in a parent activity meta-data.
 11# add an activity.
 12# change app icon.
 13# change label of an activity.
 14# change label of a service.
 15# formatting change.
 16# add a new activity and make it main activity.

521. <https://github.com/ram-on/NetcfgWidget>

Project created date: 2015-11-01

Download in play store:

Commit period:
Commit number: 0

522. <https://github.com/alegen/netclip>

Project created date: 2016-01-18
Download in play store: 50 - 100
Commit period: Jan 31, 2016 to Feb 23, 2016 – 23 days
Commit number: 4
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# add use permissions.
2# change app icon.
3# remove android:debuggable="false" from application.
4# version update.

523. <https://github.com/M66B/NetGuard>

Project created date: 2015-10-24
Download in play store: 500,000 - 1,000,000
Commit period: Oct 25, 2015 to Nov 5, 2017 – 2 yrs. 10 days
Commit number: 82
No. of developers involved: 2 (81, 1)
App components: activity – 7 service – 6 receiver – 5 provider –

1# add singleTop launch mode in an activity.
2# add configChanges in an activity.
3# add an action in an intent filter.
4# change name of a receiver.
5# change name of a service.
6# add a use permission.
7# add app name.
8# add an intent filter in a receiver.
9# add an activity.
10# change launch mode to singleInstance in an activity.
11# remove launch mode from an activity.
12# add a receiver.
13# add a meta-data in app.
14# revert 13#.
15# add a use permission.
16# remove a use permission.
17# add a receiver.
18# add enabled="false" in a receiver.
19# add a use permission.
20# revert 18#.
21# remove a receiver.

22# add an intent filter in an activity.
23# add labels in two activities, two receivers, and a service.
24#, 25# change label of an activity.
26# replace constant with string resource in labels of an activity, a service, and two receivers.
27# add an action in an intent filter.
28# revert 27#.
29# add use features.
30#, 31# add a use permission.
32# add an action in an intent filter.
33# add an activity.
34# change app theme.
35# add an activity. change label of an activity.
36# add parent activity name in an activity.
37# add a use permission.
38# remove a use permission.
39# add a use permission.
40# change labels of two activities.
41# add a use permission.
42# add parent activity name in an activity. add parent activity meta-data in three activities.
43# add a service.
44# remove a service. Add an activity.
45# change name of an activity. add a new activity.
46# add an activity.
47# change name of a service.
48# add description in application.
49# add a use permission.
50# remove a use permission.
51# add a use permission.
52#, 53# add a service component.
54# remove a service.
55# add an intent filter in an activity.
56# change name of a service. Add a service.
57# add android:resizeableActivity="true" in an activity.
58# add a service.
59# revert 58#.
60# remove a use permission.
61# add xmlns:tools. Add use permissions.
62# add a use permission and define a permission. remove two actions from an intent filter of a receiver. Add a receiver.
63# add a meta-data in app.
64# add a use feature.
65# add an intent filter in an activity.
66#, 67# add a service.
68# revert 67#.

69# add a meta-data in an activity.
70# add round icon and tools:ignore="ManifestResource" in application.
71#, 72# add a service.
73# change name of a receiver and resource of a meta-data in the receiver. Add a receiver. Remove two actions and add four new actions in an intent filter of a receiver.
74# add a meta-data in app.
75# add an intent filter in an activity.
76# remove an intent filter from a receiver.
77# add android:appCategory="productivity" in application.
78# add typo.
79# revert 78#.
80# add a use permission.
81# add a meta-data in app.
82# change name of a receiver. Add a receiver.

524. <https://github.com/ultrafunk/netinfo>

Project created date: 2014-10-24
Download in play store: 1,000 - 5,000
Commit period: Nov 9, 2014 to Dec 24, 2015 – 1 yr. 1 month
Commit number: 5
No. of developers involved: 1
App components: activity – 1 service – 1 receiver – 5 provider –

1# add an action in an intent filter of a receiver.
2# revert 1#.
3# change theme of an activity.
4# add a use permission.
5# repeat 1#.

525. <https://github.com/scheich/Network>

Project created date: 2012-07-08
Download in play store: XXXXXXXX
Commit period: Jul 8, 2012 to Mar 1, 2017 – 4 yrs. 7 months
Commit number: 5
No. of developers involved: 2 (3, 2)
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 3

1# add copyright.
2# version update. Downgrade min sdk from 3 to 1. Add target sdk.
3# version update. Change app icon.
4# upgrade target sdk from 16 to 21.
5# version update. Upgrade target sdk from 21 to 25.

526. <https://github.com/caarmen/network-monitor>

Project created date: 2013-05-17

Download in play store: 50,000 - 100,000

Commit period: Mar 30, 2015 to Nov 19, 2017 – 2 yrs. 7 months

Commit number: 44

No. of developers involved: 1

App components: activity – 13 service – 3 receiver – 1 provider – 2

Exclusive version and uses-sdk related commit: 17

1# remove uses-sdk.

2# add xmlns:tools. Add tools:ignore="ExportedPreferenceActivity" in an activity.

3#, 4#, 5#, 6# version update.

7# add copyright.

8# add tools:ignore="UnusedAttribute" in seven activities.

9#, 10#, 11# version update.

12# add an activity.

13# add a service.

14# version update.

15# change theme of an activity.

16# add an intent filter in an activity.

17# add an activity.

18# revert 16#.

19#, 20#, 21# version update.

22# add <uses-sdk tools:overrideLibrary="android.support.v14.preference"/>.

23# version update.

24# use shorthand in app and component names. Add installLocation="preferExternal" in application.
Add a service.

25#, 26#, 27# version update.

28# remove version name and code.

29# add an activity.

30# remove an activity.

31# remove a use permission.

32# add a use permission.

33# add a category and change mime type of a data in an intent filter.

34#, 35# add an activity.

36# add android:fullBackupContent in application.

37# add two use permissions.

38# add a provider.

39# remove exported="true" and add enabled="false" in an activity.

40# remove an activity.

41# remove use permissions.

42# change copyright.

43# protect two services with android:permission.

44# replace package name with a placeholder in authorities of a provider.

527. <https://github.com/TeamNewPipe/NewPipe>

Project created date: 2015-09-03

Download in play store:

Commit period: Sep 11, 2015 to Nov 15, 2017 – 2 yrs. 2 months

Commit number: 64

No. of developers involved: 16 (22, 9, 8, 5, 4, 3, 3, 2, 1, 1, 1, 1, 1, 1, 1)

App components: activity – 15 service – 3 receiver – provider – 1

- 1# add data elements in an intent filter of an activity.
- 2# replace pathPrefix with pathPattern in six data elements of an intent filter.
- 3# add parent activity name in an activity.
- 4# add a service.
- 5# add a use permission.
- 6# add label in a service.
- 7# add xmlns:tools. Add tools:ignore="AllowBackup" in application.
- 8# add tools:ignore="UnusedAttribute" in an activity.
- 9# change theme of an activity.
- 10# formatting change.
- 11# add theme in an activity.
- 12# remove an incorrect command.
- 13# add two activities.
- 14# replace string constant with string resource in label of a service.
- 15# add an intent filter in an activity. rearrange data elements in an intent filter.
- 16# add a data element in an intent filter of an activity.
- 17# replace pathPattern with pathPrefix in a data.
- 18# add an intent filter in an activity.
- 19# add two actions in three intent filters of an activity.
- 20# add app name.
- 21# change label of an activity.
- 22# add configChanges in two activities. Add portrait orientation in an activity.
- 23# add an activity.
- 24# add a data in an intent filter.
- 25# change package structure of two activities and a service name.
- 26# add a new activity.
- 27# add label in an activity.
- 28# remove subdirectory from an activity name.
- 29# revert 22#.
- 30# add an activity and a service.
- 31# remove an intent filter from an activity.
- 32#, 33# add an activity.
- 34# remove an activity. add an activity.
- 35# change package structure of two activities names.
- 36# change launch mode to singleTop in an activity.
- 37# add theme in an activity.
- 38# change a meta-data value in an activity.
- 39# change package structure of an activity name.
- 40# remove an activity. add an activity.

41# add singleTask launch mode in an activity.
 42# add an activity.
 43# add an intent filter in an activity.
 44# add a provider.
 45# add singleTask launch mode in an activity.
 46# remove theme from an activity.
 47# remove label from an activity.
 48# move four intent filters from an activity to a new activity.
 49# add a use permission. add an activity and a service.
 50# add a data element in two intent filters.
 51# remove an intent filter from an activity. replace string constant with string resource in a label of an activity.
 52# remove a service.
 53# add singleTask launch mode in an activity. remove two activities. change launch mode to singleTask in an activity. add taskAffinity="" in two activities. Change name of an activity. remove two data elements form an intent filter.
 54# change name of an activity.
 55# remove label from a service. change label of an activity.
 56# remove launch mode from an activity.
 57# add about activity.
 58# remove parent activity name and its meta-data from an activity.
 59# add singleTask launch mode in an activity. add a new activity.
 60# change app theme. Change package structure of an activity name. remove theme from three activities. Add a data in an intent filter of an activity.
 61# remove an activity. add an activity.
 62# add an activity.
 63# change launch mode to singleTask in an activity. add an activity.
 64# change theme of an activity.

528. <https://github.com/samuelclay/NewsBlur>

Project created date: 2009-01-05
 Download in play store: 50,000 - 100,000
 Commit period: Jul 4, 2013 to Nov 9, 2017 – 4 yrs. 4 months
 Commit number: 146
 No. of developers involved: 3 (91, 52, 3)
 App components: activity – 30 service – 1 receiver – 5 provider – 1
 Exclusive version and uses-sdk related commit: 125

1#, 2#, 3#, 4#, 5#, 6#, 7#, 8# version update.
 9# upgrade target sdk from 15 to 19.
 10#, 11#, 12#, 13# version update.
 14# version update. Upgrade min sdk from 8 to 11.
 15#, 16#, 17#, 18#, 19#, 20#, 21#, 22#, 23#, 24#, 25#, 26#, 27# version update.
 28# add use permissions, a service, and two receivers.
 29# remove a service.

30# remove two activities.
31# remove an activity.
32#, 33#, 34#, 35#, 36#, 37#, 38#, 39#, 40#, 41#, 42#, 43#, 44#, 45#, 46#, 47#, 48# version update.
49# remove a provider.
50# version update.
51# version update. Add singleTask launch mode and alwaysRetainTaskState="true" in an activity.
52# add two new activities.
53# upgrade target sdk from 19 to 21.
54# add a receiver.
55#, 56#, 57#, 58#, 59#, 60#, 61#, 62# version update.
63# version update. Add two new activities.
64#, 65#, 66#, 67#, 68#, 69#, 70#, 71#, 72# version update.
73# version update. Enable hardware acceleration.
74#, 75#, 76#, 77#, 78#, 79#, 80#, 81#, 82#, 83# version update.
84# version update. Upgrade min sdk fom 11 to 14 and target sdk from 21 to 23.
85#, 86# version update.
87# remove app name.
88# add android:fullBackupContent in application.
89# version update.
90# version update. Move an intent filter. add a new activity.
91# - 108# version update.
109# version update. Remove a receiver.
110#, 111# version update.
112# version update. Add theme in an activity.
113# version update.
114# upgrade min sdk from 14 to 16.
115#, 116#, 117#, 118#, 119#, 120#, 121#, 122#, 123#, 124#, 125# version update.
126# version update. Add a receiver.
127# remove a receiver and add three receivers.
128# version update.
129# version update. Upgrade target sdk from 23 to 24.
130# version update.
131# version update. Add a provider.
132# version update.
133# version update. Upgrade min sdk from 16 to 19.
134#, 135#, 136#, 137#, 138#, 139#, 140# version update.
141# add an activity.
142#, 143# version update.
144# remove two data from an intent filter.
145# version update. Add two new activities.
146# version update.

529. <https://github.com/nextcloud/android>

Project created date: 2016-06-06

Download in play store: 100,000 - 500,000

Commit period: Feb 25, 2017 to Nov 9, 2017 – 8 months

Commit number: 48

No. of developers involved: 4 (20, 16, 10, 2)

App components: activity – 29 service – 8 receiver – 1 provider – 5

Exclusive version and uses-sdk related commit: 15

1# replace string constant with string resource in an authorities of a provider.

2# change an authorities of a provider.

3#, 4# version update.

5#, 6# add an activity.

7# change name of an activity.

8# add an activity.

9# add xmlns:tools and a service.

10# add use permissions and an activity.

11# add an activity.

12# add singleInstance launch mode in an activity.

13# revert 12#.

14# formatting change.

15# add singleInstance launch mode in an activity.

16# revert 15#.

17# add a use permission and an activity.

18# formatting change.

19# remove a service.

20# add singleInstance launch mode in an activity.

21# remove xmlns:tools. Add configChanges in an activity.

22# version update.

23#, 24# add configChanges in an activity.

25# add android:networkSecurityConfig in application.

26# remove two receivers.

27# remove a service.

28# remove a receiver.

29# use shorthand in a provider name.

30# change name of an activity.

31# add a service.

32# change name of a service.

33# formatting change.

34#, 35#, 36#, 37#, 38#, 39#, 40#, 41# version update.

42# add three action elements in an intent filter of a receiver.

43#, 44#, 45# version update.

46# remove version name and code.

47# add a provider.

48# replace string constant with string resource in an authorities of a provider.

Project created date: 2017-08-02
Download in play store: 100 - 500
Commit period: May 15, 2017 to Jun 4, 2017 – 19 days
Commit number: 4
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –

1#, 2# add an activity.
3# add a use permission.
4# formatting change.

531. <https://github.com/nextcloud/news-android>

Project created date: 2013-05-26
Download in play store: 1,000 - 5,000
Commit period: Jan 24, 2014 to Nov 10, 2017 – 3 yrs. 9 months
Commit number: 102
No. of developers involved: 5 (97, 2, 1, 1, 1)
App components: activity – 7 service – 9 receiver – 2 provider – 1
Exclusive version and uses-sdk related commit: 65

1# change debuggable to true.
2# version update.
3# change debuggable to false.
4# version update. Change debuggable to true. Use fully qualified name in an activity name. use fully qualified name in a provider name. add a new activity.
5# change debuggable to false.
6# version update.
7# change debuggable to true. Add use permissions and an activity.
8# version update.
9# change debuggable to false.
10# remove use permissions.
11# change debuggable to true.
12# version update. Change debuggable to false.
13#, 14#, 15#, 16#, 17# version update.
18# change debuggable to true.
19# version update. Change debuggable to false.
20# version update.
21# version update. Remove uses-sdk. Use shorthand in component names. Add a service.
22# version update.
23# add singleTop launch mode and configChanges in an activity. change name of a service. Add a service.
24# version update. Remove debuggable="false".
25#, 26#, 27#, 28#, 29#, 30#, 31#, 32#, 33#, 34#, 35#, 36# version update.
37# version update. Add singleTop launch mode and an intent filter in an activity.
38# add an intent filter in an activity.
39# version update.

40# version update. Add target sdk.
41#, 42#, 43# version update.
44# version update. Add install location auto.
45# add a receiver.
46#, 47# version update.
48# remove uses-sdk.
49# version update.
50# add a use permission.
51# add a service.
52# add xmlns:tools. Add <uses-sdk tools:overrideLibrary="android.support.customtabs" />.
53# version update.
54# add app name.
55#, 56#, 57# version update.
58# version update. Add process in a service.
59#, 60#, 61#, 62#, 63#, 64# version update.
65# add a use permission.
66# version update.
67# change package name in a service name.
68# add tools:replace in application. Add an activity.
69# add android:supportsRtl="true".
70#, 71# version update.
72# add data elements in an intent filter.
73# version update.
74# add a use permission. add an intent filter in a receiver.
75#, 76#, 77#, 78#, 79#, 80#, 81#, 82# version update.
83# add data elements in an intent filter.
84# change app icon.
85#, 86#, 87#, 88# version update.
89# add configChanges in an activity.
90# remove <uses-sdk tools:overrideLibrary="android.support.customtabs"/>.
91# change name of an action in an intent filter of a receiver.
92#, 93#, 94#, 95# version update.
96# protect a service with android:permission.
97# version update.
98# add a use permission.
99#, 100# version update.
101# protect a service with android:permission.
102# version update.

532. <https://github.com/nerzhul/ownCloud-SMS-App>

Project created date: 2014-10-10

Download in play store: 1,000 - 5,000

Commit period: Aug 30, 2015 to Oct 22, 2017 – 2 yrs. 1 month

Commit number: 39

No. of developers involved: 2 (37, 2)

App components: activity – 8 service – 3 receiver – 3 provider – 1

Exclusive version and uses-sdk related commit: 26

1# add a use permission.

2# use shorthand in two activities names.

3# upgrade target sdk from 22 to 23.

4#, 5# version update.

6# remove comments.

7# version update. Upgrade max sdk from 22 to 23.

8#, 9# version update.

10# add a use permission. add android:uses-permission.

11# upgrade max sdk from 23 to 24. Change name of an activity.

12# downgrade max sdk version from 24 to 23.

13# version update. Add a use permission. Remove android:uses-permission.

14#, 15# version update.

16# remove min and target sdk.

17# add two new activities.

18# remove a service.

19# version update.

20# version update. Upgrade max sdk from 23 to 25.

21# version update.

22# add comments.

23# add use permissions. add an action in an intent filter of a service and protect the service with android:permission. add an activity, a service, and a receiver.

24# change a comment.

25#, 26#, 27#, 28#, 29#, 30# version update.

31# add theme in two activities.

32# version update. Upgrade max sdk from 25 to 26.

33#, 34#, 35#, 36#, 37# version update.

38# remove version name and code.

39# change app icon.

533. https://github.com/nextgis/android_gisapp

Project created date: 2014-12-24

Download in play store: 5,000 - 10,000

Commit period: Dec 29, 2014 to Nov 2, 2017 – 2 yrs. 10 months

Commit number: 45

No. of developers involved: 3 (26, 13, 6)

App components: activity – 7 service – 2 receiver – provider – 2

1# add theme, uiOptions="splitActionBarWhenNarrow", and a meta-data in an activity.

2# remove uiOptions="splitActionBarWhenNarrow" and a meta-data from an activity.

3# add app name.

4# formatting change.

5# change app theme.

6# add a setting activity.
7# remove use permissions and use features. Add an activity.
8# add about activity.
9# remove use permissions and a use feature. Add use permissions and a provider.
10# change name of a provider.
11# add use permissions and a service.
12# add a use permission.
13# add use permissions. add a use feature.
14# add a service.
15# add copyright.
16# change copyright.
17# add a use permission.
18# revert 17#.
19# add an activity.
20# add a use permission.
21# change theme in three activities.
22# change app theme.
23# change theme of an activity.
24# change theme in four activities.
25# formatting change.
26# change package structure of five activities names.
27# change copyright.
28# add two activities.
29# change name of an activity.
30# change app name.
31# remove theme from app and 7 activities.
32# remove three activities and a service.
33# remove exported="true" from a service.
34# add a use permission.
35# add an activity.
36# change name of a service.
37# change label of an activity.
38# add a use permission.
39# remove process from a service.
40# change label of an activity.
41#, 42# add a new activity.
43# formatting change.
44# add a service.
45# add a provider.

534. <https://github.com/AnaelMobilia/NextINpact-Unofficial>

Project created date: 2013-12-14

Download in play store: 5,000 - 10,000

Commit period: Apr 12, 2015 to Oct 14, 2017 – 2 yrs. 6 months

Commit number: 31

No. of developers involved: 1

App components: activity – 7 service – receiver – provider –

Exclusive version and uses-sdk related commit: 24

1# formatting change.

2# remove uses-sdk. Use shorthand in component names.

3# formatting change.

4#, 5#, 6#, 7#, 8#, 9#, 10#, 11#, 12#, 13#, 14# version update.

15# change parent activity name in an activity.

16#, 17# version update.

18# formatting change.

19#, 20#, 21#, 22#, 23#, 24#, 25#, 26#, 27#, 28#, 29# version update.

30# add an activity.

31# change copyright.

535. <https://github.com/nadam/nfc-reader>

Project created date: 2011-11-14

Download in play store: 500,000 - 1,000,000

Commit period: Feb 17, 2012 to Feb 27, 2017 – 5 yrs.

Commit number: 10

No. of developers involved: 2 (9, 1)

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 8

1# version update.

2# upgrade target sdk from 10 to 14.

3# upgrade min sdk from 9 to 10 and target sdk from 10 to 15.

4# version update.

5# formatting change.

6# version update.

7# version update. Upgrade target sdk from 15 to 17.

8# version update.

9# version update. Upgrade target sdk from 17 to 22.

10# version update. Upgrade min sdk from 10 to 11 and target sdk from 22 to 23. Add allowBackup="true".

536. <https://github.com/mofosyne/NFCMessageBoard>

Project created date: 2015-04-03

Download in play store: 100 - 500

Commit period: Apr 4, 2015 to Nov 8, 2016 – 1 yr. 7 months

Commit number: 13

No. of developers involved: 1

App components: activity – 7 service – receiver – provider –

1# add android:windowSoftInputMode="stateHidden" in an activity.

2# formatting change.

3# add a use permission.
4# add configChanges in an activity.
5#, 6# add an activity.
7# remove an intent filter from an activity. add an activity.
8# change name of an activity.
9# add an activity.
10# move main intent filter to another activity.
11#, 12# add an activity.
13# add portrait orientation and configChanges in an activity.

537. <https://github.com/FengMoeTeam/NHentai-android>

Project created date: 2015-05-23

Download in play store:

Commit period: May 30, 2015 to Jun 30, 2017 – 2 yrs. 1 month

Commit number: 22

No. of developers involved: 3 (18, 3, 1)

App components: activity – 7 service – receiver – provider – 1

1# add an activity.
2# change app theme.
3# change app theme and add an activity.
4# add use permissions. change app icon.
5# change label of an activity. add an activity.
6# add a setting activity.
7# change label of an activity. add an activity.
8# change theme of an activity.
9# enable large heap.
10# add use permissions.
11# add theme and an intent filter in an activity. change theme of an activity.
12# add fullBackupContent="true" in application. Remove an activity. Add an activity.
13# add an activity.
14# remove an activity.
15# change theme of three activities.
16# change theme of an activity.
17# remove a category from an intent filter.
18# add an activity.
19# add configChanges in an activity.
20# add a provider.
21# add a use permission.
22# add a category and change scheme of a data in an intent filter. replace package name with placeholder in an authorities of a provider.

538. <https://github.com/MichaelEvans/NightModeEnabler>

Project created date: 2016-08-23

Download in play store: 100,000 - 500,000

Commit period:
Commit number: 0

539. <https://github.com/fython/Blackbulb>

Project created date: 2016-02-01
Download in play store: 100,000 - 500,000
Commit period: Feb 2, 2016 to Nov 12, 2017 – 1 yr. 9 months
Commit number: 19
No. of developers involved: 3 (15, 3, 1)
App components: activity – 2 service – 2 receiver – 1 provider –

- 1# change app theme.
- 2# add a use permission and a receiver.
- 3# add android:persistent="true" in application. Add process in a service.
- 4# remove process from a service.
- 5# add android:excludeFromRecents="true" in an activity.
- 6# add singleInstance launch mode in an activity.
- 7# add a service.
- 8# add a use permission.
- 9# remove a use permission.
- 10# add a meta-data in an activity. add an activity.
- 11# add xmlns:tools. Add round icon and tools:ignore="ManifestResource" in application.
- 12# add finishOnTaskLaunch="true" in two activities. Add stateNotNeeded="true" and an action in an activity. add singleInstance launch mode in an activity. add a process in a service. Add exported="false" in a receiver. Add two receivers.
- 13# add fullBackupContent and change value of tools:ignore in application.
- 14# add app name. add two action elements in an intent filter of a receiver.
- 15# add a use permission.
- 16# add an activity. remove two activities, two services, and three receivers.
- 17# change supportsRtl to false. Change value of tools:ignore to GoogleAppIndexingWarning in application. Add two services and a receiver.
- 18# add an activity.
- 19# change an activity icon.

540. <https://github.com/afolletstad/nock-nock>

Project created date: 2016-07-30
Download in play store: 500 - 1,000
Commit period: Jul 31, 2016 to Aug 3, 2016 – 3 days
Commit number: 6
No. of developers involved: 1
App components: activity – 3 service – 1 receiver – 2 provider –

- 1# add xmlns:tools. Add use permissions. add tools:ignore="AllowBackup,GoogleAppIndexingWarning" in application. Add a service.
- 2# add singleTop launch mode in two activities. Add windowSoftInputMode="stateHidden" in an activity. add an activity.

- 3# use fully qualified name in component names. Add a receiver.
- 4# change package structure of a receiver name. add a receiver.
- 5# add a use permission.
- 6# add an action in an intent filter of a receiver.

541. <https://github.com/microg/NominatimGeocoderBackend>

Project created date: 2014-12-25

Download in play store:

Commit period: Apr 5, 2015 to May 20, 2017 – 2 yrs. 1 month

Commit number: 9

No. of developers involved: 4 (3, 3, 2, 1)

App components: activity – 1 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# version update. Upgrade target sdk from 21 to 22. Replace string constant with string resource in label of a service.

2# remove version name and code. Upgrade target sdk from 22 to 23.

3# Add a meta-data in a service. Add a setting activity. add android:uses-permission.

4# remove android:uses-permission.

5# upgrade target sdk from 22 to 25

6# add theme in setting activity.

7# downgrade min sdk from 11 to 9.

8# remove uses-sdk.

9# add xmlns:tools. Add tools:ignore="GoogleAppIndexingWarning" in application and tools:ignore="ExportedService" in a service.

542. <https://github.com/spacecowboy/NotePad>

Project created date: 2012-01-13

Download in play store: 100,000 - 500,000

Commit period: Jul 28, 2014 to Oct 15, 2016 – 2 yrs. 2 months

Commit number: 17

No. of developers involved: 1

App components: activity – 9 service – 5 receiver – 4 provider – 1

Exclusive version and uses-sdk related commit: 1

1# remove version name and code.

2# remove a use permission.

3# remove use permissions, a use feature, and a permission. remove two meta-data from app.

Remove four activities, three services, and a provider.

4# add a use permission.

5# add a copyright.

6# formatting change.

7# remove an activity. add an activity.

8# add an activity.

9# change parent activity name and its meta-data in an activity. change theme and tools:ignore in the activity. add an activity.

10# add label in an activity.
11# change label of an activity. remove tools:ignore from an activity.
12#, 13# remove an activity.
14# remove uses-sdk. Add an activity alias.
15# remove an activity alias.
16# change theme of an activity.
17# remove backupAgent from application. Remove a meta-data from app. Change package structure of 5 activities, 5 services, 4 receivers, and a provider. Remove a service.

543. <https://github.com/tig1/nori>

Project created date: 2013-06-18

Download in play store: 1,000 - 5,000

Commit period: Jul 28, 2014 to Mar 26, 2017 – 2 yrs. 8 months

Commit number: 15

No. of developers involved: 1

App components: activity – 8 service – 1 receiver – provider – 1

1# add a setting activity.
2# add a new activity.
3# change label of an activity. add an activity.
4# add an activity.
5# add an intent filter and a meta-data in an activity.
6# add a provider.
7# add a service.
8# add supports-screens.
9# change package name. change package name in an authorities of a provider.
10# add a new activity.
11# add copyright.
12# change name and label of an activity.
13# add an activity.
14# formatting change.
15# add app name.

544. <https://github.com/icechen1/Notable>

Project created date: 2013-05-24

Download in play store: 100,000 - 500,000

Commit period: Apr 6, 2016 to May 31, 2017 – 1 yr. 1 month

Commit number: 5

No. of developers involved: 1

App components: activity – 3 service – 2 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 5

1#, 2#, 3#, 4#, 5# version update.

545. <https://github.com/RyuzakiKK/NoteCrypt>

Project created date: 2017-02-19

Download in play store: 5,000 - 10,000
Commit period: Feb 25, 2017 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 6 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# version update.

546. <https://github.com/YoeriNijs/NoteBuddy>

Project created date: 2017-03-13
Download in play store: 10 - 50
Commit period: Apr 1, 2017 to Jun 25, 2017 – 1 month
Commit number: 6
No. of developers involved: 1
App components: activity – 6 service – receiver – provider –

1# remove use permissions and two activities.
2# add an intent filter in an activity. add android:noHistory="true" in four activities.
3# add a use permission.
4# add an activity.
5# revert 4#.
6# change package name. use fully qualified name in activities names.

547. <https://github.com/tmarzeion/drawable-notepad>

Project created date: 2016-01-17
Download in play store: 5 000-10 000
Commit period: Jan 18, 2016 to Oct 12, 2016 – 8 months
Commit number: 7
No. of developers involved: 2 (6, 1)
App components: activity – 2 service – receiver – provider –

1# add an activity.
2# change name of an activity and add label in the activity.
3# add an activity.
4# revert 3#.
5#, 6# add portrait orientation in an activity.
7# remove portrait orientation from an activity. change portrait orientation to locked.

548. <https://github.com/SecUSo/privacy-friendly-notes>

Project created date: 2016-05-03
Download in play store: 1,000 - 5,000
Commit period: Jun 15, 2016 to Nov 24, 2016 – 5 months
Commit number: 19
No. of developers involved: 2 (18, 1)
App components: activity – 11 service – 1 receiver – 1 provider – 1

1# add an activity. remove an activity.

2# add a new activity.
3# add label in an activity. add a new activity.
4# add a service.
5# add a use permission and a receiver.
6# add an activity.
7# add a label in an activity.
8# add a use permission and an activity.
9# add a use permission.
10# add a provider.
11# add about activity.
12# add configChanges in three activities.
13# add an activity.
14# add a setting activity.
15# add portrait orientation in an activity.
16# revert 15#.
17# add an activity.
18# add portrait orientation in two activities.
19# add a new activity and make it main activity.

549. <https://github.com/stefan-niedermann/nextcloud-notes>

Project created date: 2015-10-01

Download in play store: 1,000 - 5,000

Commit period: Oct 8, 2015 to Nov 26, 2017 – 2 yrs. 1 month

Commit number: 39

No. of developers involved: 5 (23, 7, 5, 3, 1)

App components: activity – 9 service – 2 receiver – 3 provider –

Exclusive version and uses-sdk related commit: 15

1# version update.
2# add an activity and a receiver.
3# add a receiver.
4# version update.
5# add a service.
6# version update.
7# add android:windowSoftInputMode="stateVisible" in an activity.
8# add label in two receivers.
9# version update. Comment out an activity, a service and two receivers.
10# downgrade min sdk from 11 to 10.
11#, 12# version update.
13# upgrade min sdk from 10 to 11. Add an action in an intent filter and two meta-data in an activity.
14#, 15#, 16#, 17#, 18# version update.
19# upgrade target sdk from 23 to 24.
20# version update.
21# change parent activity name in an activity. add parent activity name in an activity.
22# upgrade target sdk from 24 to 25.

23# remove version and uses-sdk.
24# add android:networkSecurityConfig in application.
25# add a meta-data in an activity.
26# add an activity and make it main activity.
27# remove parent activity name from an activity. add a new activity.
28# add parent activity name and change windowSoftInputMode to stateHidden in an activity.
29# remove a use permission.
30# add a receiver.
31# remove an activity.
32# add two activities and a receiver.
33# remove an activity.
34# formatting change.
35# change launch mode to singleInstance in an activity. add a service.
36# change value of windowSoftInputMode to stateHidden in an activity.
37# add an activity, a service, and a receiver.
38# remove android:id from two receivers.
39# change app theme. Add theme in two activities. Use shorthand in an activity name.

550. <https://github.com/SimpleMobileTools/Simple-Notes>

Project created date: 2016-02-13

Download in play store: 50,000 - 100,000

Commit period: Feb 14, 2016 to Nov 11, 2017 – 1 yr. 9 months

Commit number: 27

No. of developers involved: 2 (25, 2)

App components: activity – 7 service – 1 receiver – 1 provider –

1# formatting change.
2# add portrait orientation in an activity.
3# formatting change.
4# add a receiver.
5# add an activity.
6# change package name. use fully qualified name in two activities and a receiver names.
7# use shorthand in two activities and a receiver. Add about activity.
8# add license activity. replace string constant with string resource in label of a receiver.
9# change label of an activity.
10# change app icon. Remove icon and label from a receiver.
11# add icon in a receiver.
12# change package structure in 4 activities names. Change name of an activity.
13# remove portrait orientation from three activities.
14# add a setting activity.
15# add parent activity name in three activities.
16# change app label.
17# add app name.
18# change app icon and a receiver icon.
19# use fully qualified name in three activities names.

- 20# change package structure of a receiver name.
- 21# add a new activity and make it main activity.
- 22# add a use permission.
- 23# add an intent filter in an activity.
- 24# add round icon in app.
- 25# add an intent filter in an activity.
- 26# add xmlns:tools. Add a use permission.
- 27# add a service.

551. <https://github.com/khuttun/NotificationNotes>

Project created date: 2015-12-26

Download in play store: 1,000 - 5,000

Commit period: Jan 7, 2016 to Mar 19, 2016 – 2 months

Commit number: 4

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – 1 provider –

1# add singleTop launch mode in an activity.

2# add a service.

3# add a use permission and a receiver.

4# change launch mode to singleTask in an activity. replace string constant with string resource in label of an activity.

552. <https://github.com/gsurel/FacebookNotifications>

Project created date: 2015-11-16

Download in play store: 5,000 - 10,000

Commit period: Feb 4, 2016 to Sep 22, 2016 – 7 months

Commit number: 7

No. of developers involved: 2 (6, 1)

App components: activity – 2 service – 1 receiver – 1 provider –

1# remove app theme and supportsRtl="true".

2# add an activity.

3# change name of an activity.

4# remove a use permission.

5# remove an intent filter from an activity.

6# revert 5#.

7# add configChanges in an activity.

553. <https://github.com/caarmen/nounours-android>

Project created date: 2015-09-27

Download in play store: 10,000 - 50,000

Commit period: Nov 8, 2015 to Feb 16, 2017 – 1 yr. 3 months

Commit number: 5

No. of developers involved: 1

App components: activity – 4 service – 3 receiver – provider – 1

1# change package structure in 3 activities and 2 services.
2# add use permissions.
3# add an activity and a service.
4# change value of tools:ignore in an activity.
5# remove a use permission and add a provider.

554. <https://github.com/ethauvin/NoUSSD>

Project created date: 2012-09-27
Download in play store: 5,000 - 10,000
Commit period: Oct 2, 2012 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# version update. Downgrade target sdk from 15 to 8.

555. <https://github.com/free-software-for-android/NTPSync>

Project created date: 2012-07-15
Download in play store: XXXXXXX
Commit period: May 26, 2013 to Nov 7, 2016 – 3 yrs. 5 months
Commit number: 7
No. of developers involved: 1
App components: activity – 2 service – 3 receiver – 3 provider –
Exclusive version and uses-sdk related commit: 6

1# remove a use permission, a service, and a receiver.
2#, 3#, 4#, 5#, 6#, 7# version update.

556. <https://github.com/Reepeecheep/NumberGuesser>

Project created date: 2014-12-21
Download in play store:
Commit period: Dec 22, 2014 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –

1# add portrait orientation in an activity.

557. <https://github.com/schnatterer/nusic>

Project created date: 2013-09-01
Download in play store: 1,000 - 5,000
Commit period: Jun 5, 2016 to Mar 26, 2017 – 9 months
Commit number: 8
No. of developers involved: 1
App components: activity – 8 service – 2 receiver – 5 provider – 1
Exclusive version and uses-sdk related commit: 3

1# remove version and uses-sdk.
2# change value of a meta-data in app.
3# add min and target sdk.
4# revert 3#.
5# comment change.
6# formatting change.
7# change copyright.
8# change name of an activity.

558. <https://github.com/justdave/nwsweatheralertswidget>

Project created date: 2014-02-20
Download in play store: 10,000 - 50,000
Commit period: May 23, 2016 to Dec 5, 2016 – 6 months
Commit number: 4
No. of developers involved: 1
App components: activity – 5 service – 2 receiver – 2 provider –
Exclusive version and uses-sdk related commit: 4

1#, 2#, 3# version update.
4# remove version and uses-sdk.

559. <https://github.com/NyaaPantsu/NyaaPantsu-android-app>

Project created date: 2017-06-24
Download in play store:
Commit period: Jul 2, 2017 to Jul 23, 2017 – 21 days
Commit number: 10
No. of developers involved: 2 (9, 1)
App components: activity – 7 service – receiver – provider – 1

1# add configChanges in five activities.
2# change package structure of 5 activities names.
3# add an intent filter in an activity.
4# change name of an activity.
5# change theme of an activity.
6# add an activity.
7# remove theme from an activity.
8# change name of an activity.
9# change label of an activity.
10# change package structure of app name.

560. <https://github.com/jevonlongdell/nztides>

Project created date: 2015-03-13
Download in play store: 50,000 - 100,000
Commit period: Aug 16, 2015 to Nov 29, 2016 – 1 yr. 3 months
Commit number: 5
No. of developers involved: 1

App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 5

1# version update.

2# remove uses-sdk.

3#, 4#, 5# version update.

561. <https://github.com/jensstein/oandbackup>

Project created date: 2013-07-12

Download in play store:

Commit period: Jul 14, 2013 to Apr 14, 2017 – 3 yrs. 9 months

Commit number: 42

No. of developers involved: 1

App components: activity – 8 service – 1 receiver – 2 provider –

Exclusive version and uses-sdk related commit: 19

1# version update.

2# change package name. version update.

3# version update.

4# change name of an activity.

5# version update.

6# version update. Add an activity.

7# add a use permission, an activity, and two receivers.

8# add a use permission.

9#, 10#, 11#, 12# version update.

13# change app icon.

14#, 15# version update.

16# add android:windowSoftInputMode="stateHidden" in an activity.

17# version update.

18# add locale in configChanges of four activities.

19# add keyboardHidden|orientation|screenSize in configChanges of two activities. Add a parent activity meta-data in an activity.

20# version update.

21#, 22# add an activity.

23# version update.

24# add parent activity name in five activities.

25# version update.

26# remove configChanges from six activities.

27# add an activity.

28#, 29# version update.

30# add an activity.

31# add a use permission.

32# add xmlns:tools. Add tools:overrideLibrary="org.openintents.openpgp" in uses-sdk.

33# version update.

34# add a service.

35#, 36# version update.

37# change package structure of an activity name.
38# change package structure in an activity, a service, and 2 receivers.
39# change package structure in an activity name.
40# upgrade min sdk from 7 to 15. Remove tools:overrideLibrary="org.openintents.openpgp" from uses-sdk.
41# upgrade min sdk from 15 to 16.
42# add singleTop launch mode in three activities. Remove a parent activity meta-data from an activity.

562. <https://github.com/trikita/obsqr>

Project created date: 2015-08-09

Download in play store: 10,000 - 50,000

Commit period: Jul 19, 2014 to Jun 23, 2016 – 1 yr. 11 months

Commit number: 4

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# remove version and uses-sdk. Add theme and allowBackup="true" in application.

2# add required="false" in a use permission.

3# enable hardware acceleration, supportsRtl and add fullBackupContent="false".

4# remove use permissions.

563. https://github.com/alandaix/Pointeuse_S3I

Project created date: 2016-05-22

Download in play store:

Commit period: May 26, 2016 to Jul 1, 2016 – 1 month

Commit number: 4

No. of developers involved: 1

App components: activity – 5 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 1

1# change package structure of three activities names.

2# version update.

3# remove an activity.

4# remove a meta-data from app.

564. <https://github.com/schaal/ocreader>

Project created date: 2016-01-05

Download in play store:

Commit period: Nov 28, 2015 to Apr 14, 2017 – 1 yr. 4 months

Commit number: 26

No. of developers involved: 1

App components: activity – 6 service – 1 receiver – provider –

1# change copyright.

2# change package name. change app name. use fully qualified name in component names.

3# remove an activity.

4# add xmlns:tools. Change allowBackup to false and add tools:replace="android:allowBackup" in application.
5# add tools:ignore="GoogleAppIndexingWarning" in application.
6# remove tools:replace="android:allowBackup" and android:allowBackup="false" from application.
7# change copyright.
8# add android:allowBackup="false".
9# add an activity.
10# revert 9#.
11# add theme and parent activity meta-data in an activity.
12# remove parent activity meta-data from two activities. Add parent activity name in an activity.
13# add singleTop launch mode in an activity.
14# remove theme from three activities.
15# remove tools:ignore="GoogleAppIndexingWarning" and add tools:replace="android:allowBackup" in application.
16# add an activity.
17# add an intent filter in an activity.
18# change app icon.
19# remove tools:replace="android:allowBackup" from application.
20# remove xmlns:tools.
21# add android:networkSecurityConfig in application.
22# add a meta-data in an activity.
23# change app icon.
24# add an activity.
25# add a setting activity.
26# add comments.

565. <https://github.com/slapperwan/gh4a>

Project created date: 2011-02-20

Download in play store: 100,000 - 500,000

Commit period: May 2, 2017 to Nov 10, 2017 – 6 months

Commit number: 10

No. of developers involved: 3 (6, 3, 1)

App components: activity – 48 service – 1 receiver – 1 provider – 2

1# add android:fullBackupContent in application.
2# add an activity.
3# change name of an activity.
4# add theme in three activities.
5# add two new activities.
6# add android:windowSoftInputMode="stateHidden" in five activities.
7# change package structure of an activity.
8# add a service.
9# add an activity.
10# replace package name with placeholder in authorities of two providers.

566. <https://github.com/gateship-one/odyssey>

Project created date: 2016-01-30

Download in play store: 1,000 - 5,000

Commit period: Dec 27, 2015 to Oct 22, 2017 – 1 yr. 11 months

Commit number: 28

No. of developers involved: 2 (14, 14)

App components: activity – 4 service – 3 receiver – 2 provider –

1# add a use permission.

2# add use permissions, a service, and a receiver.

3# change app theme. Remove theme from an activity.

4# add a receiver.

5# add an activity.

6# add parent activity name in an activity.

7# add a new activity and make it main activity. use shorthand in a service and two receivers names.

8# add copyright.

9# change package structure in 3 activities names.

10# change package name. change package name in action elements of two intent filters.

11# add a use permission.

12# revert 11#.

13# add a use permission.

14# add a service.

15# enable large heap.

16# add an activity.

17# add an action in an intent filter.

18# change copyright.

19# add a service.

20# add an action in an intent filter.

21# change process value of a service.

22# add xmlns:tools. Add tools:ignore="AllowBackup" in application. Remove an intent filter from an activity. add an intent filter in an activity.

23# add nine intent filters in an activity. change mime type of a data.

24# add an intent filter in an activity.

25#, 26# move an intent filter to another activity.

27# remove an intent filter from an activity.

28# add AppLinkUrlError in tools:ignore of ten intent filters of an activity.

567. <https://github.com/PrivacyApps/offline-calendar>

Project created date: 2013-02-26

Download in play store: 50,000 - 100,000

Commit period: Jun 23, 2013 to May 30, 2016 – 2 yrs. 11 months

Commit number: 16

No. of developers involved: 2 (15, 1)

App components: activity – 3 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 8

1# version update.
2# change label of an activity.
3# add xmlns:tools. Remove uiOptions from app. add tools:ignore="ExportedService" in a service.
4# version update. Upgrade target sdk from 17 to 18.
5# add install location internalOnly.
6# version update.
7# version update. Upgrade target sdk from 18 to 19.
8# remove uses-sdk. Change app icon. Add theme in an activity.
9# change theme of an activity.
10# add app theme. Remove theme from an activity.
11#, 12# version update.
13# version update. Add an activity.
14# version update.
15# formatting change.
16# remove version name and code.

568. <https://github.com/nathani/ogsdroid>

Project created date: 2016-11-12

Download in play store:

Commit period: Oct 28, 2016 to Nov 19, 2017 – 7 months

Commit number: 19

No. of developers involved: 1

App components: activity – 4 service – receiver – 2 provider –

1# add a use permission.
2# add use permissions. add an activity and make it main activity.
3# remove use permissions. add a new activity and make it main activity.
4# add two new activities.
5# add use permissions. add label in an activity.
6# change package name.
7# remove use permissions.
8# add app name. remove an activity.
9# add an activity.
10# revert 9#.
11# add a receiver.
12# add a use permission and a service.
13# add a use permission.
14# remove an activity. add an activity.
15# move main intent filter to another activity. remove an activity. add an activity.
16#, 17# move main intent filter to another activity.
18# add a use permission.
19# add a use permission and a receiver. Remove a service.

569. <https://github.com/openintents/filemanager>

Project created date: 2012-05-03

Download in play store: 5,000,000 - 10,000,000

Commit period: Jan 10, 2011 to Oct 24, 2017 – 6 yrs. 9 months

Commit number: 64

No. of developers involved: 5 (23, 23, 16, 1, 1)

App components: activity – 8 service – 1 receiver – provider – 5

Exclusive version and uses-sdk related commit: 24

1# version update. Upgrade target sdk from 4 to 9. Change value of a meta-data in app.

2# remove label from an activity. add a new activity.

3# change value of a meta-data in app.

4# add install location auto. Add a use feature. Remove supports-screens.

5# add an activity.

6# version update.

7# formatting change.

8# change value of a meta-data and add a meta-data in app.

9# add an intent filter in an activity.

10# version update. Change value of a meta-data.

11#, 12#, 13# version update.

14# add configChanges in an activity.

15# add an activity.

16# add an intent filter in an activity.

17# upgrade target sdk from 9 to 14.

18# add a provider.

19# upgrade target sdk from 14 to 15.

20# remove two intent filters from an activity.

21# remove eleven meta-data and add a meta-data in app.

22# add an intent filter in an activity.

23# version update. Upgrade target sdk from 15 to 18.

24# version update. Upgrade target sdk from 18 to 19.

25# version update.

26# add theme in app and two activities.

27# formatting change.

28# add a use permission. add a new activity. change package structure of a provider name.

29# (backlog commit) upgrade min sdk from 2 to 4. Add a meta-data in an activity. add three providers. Add an activity and a service.

30# upgrade target sdk from 15 to 16.

31# move seven intent filter to a new activity.

32# change app icon.

33# add app name.

34#, 35# formatting change.

36# add two intent filters in an activity.

37# add label in an activity.

38# version update.

39# use shorthand in an activity name.

40# add three intent filters in an activity.

41# revert 40#.
42#, 43#, 44# version update.
45# change app theme.
46# change app theme.
47#, 48#, 49#, 50# version update.
51# version update. Change value of a meta-data.
52# add xmlns:tools and xmlns:android. version update. Add a meta-data in app. Add tools:ignore="NewApi" in two activities.
53# version update.
54# comments change.
55#, 56# version update.
57# add a use permission. protect a provider with android:permission.
58# formatting change.
59# version update.
60# formatting change.
61# version update.
62# add two intent filters in an activity. add android:grantUriPermissions="true" in a provider. Add an intent filter in an activity.
63# formatting change.
64# version update.

570. <https://github.com/openintents/notepad>

Project created date: 2012-05-03

Download in play store: 500,000 - 1,000,000

Commit period: Jun 30, 2015 to Feb 13, 2017 – 1 yr. 7 months

Commit number: 6

No. of developers involved: 2 (4, 2)

App components: activity – 9 service – receiver – 1 provider – 3

Exclusive version and uses-sdk related commit: 1

1# remove uses-sdk. Add android:allowBackup="true" and tools:replace="android:label" in application.

2# remove a permission.

3# add exported="true", read permission, and write permission in a provider.

4# remove version name and code.

5# formatting change.

6# change comments.

571. <https://github.com/openintents/shoppinglist>

Project created date: 2012-05-17

Download in play store: 1,000,000 - 5,000,000

Commit period: Jun 15, 2014 to May 4, 2017 – 2 yrs. 10 months

Commit number: 11

No. of developers involved: 1

App components: activity – 12 service – receiver – 2 provider – 1

Exclusive version and uses-sdk related commit: 1

- 1# remove uses-sdk. Add android:allowBackup="true" in application.
- 2# remove two meta-data from app.
- 3# version update.
- 4# add a use permission.
- 5# formatting change.
- 6# remove a use permission.
- 7# remove version name and code. Add app name. add read and write permissions in a provider.
- 8# add comments.
- 9# change theme of an activity.
- 10# remove a use permission and a provider.
- 11# add an activity.

572. <https://github.com/federicoiosue/Omni-Notes>

Project created date: 2013-12-11

Download in play store: 100,000 - 500,000

Commit period: Sep 14, 2014 to May 25, 2016 – 1 yr. 8 months

Commit number: 33

No. of developers involved: 1

App components: activity – 12 service – 6 receiver – 4 provider –

Exclusive version and uses-sdk related commit: 3

- 1# change parent activity name of two activities.
- 2# version update.
- 3# add xmlns:tools. Version update. Add tools:node="replace" in uses-sdk. Add use permissions and a service.
- 4# move main intent filter to another activity and remove the activity.
- 5# version update.
- 6# remove version name and code. Remove min and target sdk.
- 7# use shorthand in an activity name.
- 8# use fully qualified name in a service name.
- 9# remove an activity.
- 10# remove xmlns:tools and uses-sdk. Remove a meta-data from app. Change parent activity name in two meta-data.
- 11# add xmlns:tools. Add tools:replace="android:theme" in application.
- 12# change theme of app and an activity.
- 13# remove enabled from a receiver.
- 14# change theme of an activity.
- 15# remove label and add theme in an activity.
- 16# add a meta-data in app.
- 17# change copyright.
- 18# change theme of an activity.
- 19# remove an activity.
- 20# add a use permission.
- 21# change theme of an activity.

22# change app icon. Add android:icon in tools:replace in application.
23# add an activity.
24# remove a meta-data from app.
25#, 26# change theme of an activity.
27# change app theme.
28# add a meta-data in app.
29# add an activity.
30# add a service.
31# use shorthand and change package structure of a service name.
32# change icon of a service.
33# remove android:icon from tools:replace in application.

573. <https://github.com/kckrinke/onetimepad>

Project created date: 2016-08-19

Download in play store:

Commit period: Nov 24, 2015 to May 26, 2017 – 1 yr. 6 months

Commit number: 9

No. of developers involved: 2 (7, 2)

App components: activity – 2 service – receiver – provider –

1# change value of allowBackup to false.

2# add app name.

3# change package name. use fully qualified name in app and component names.

4# add android:autoVerify="true", an action, two categories, and two data in an intent filter.

5# revert 1#.

6# separate an intent filter into two intent filters.

7# revert 5#. Change app name.

8# add configChanges in two activities.

9# add use permissions.

574. <https://github.com/ndleyton/OneTwo>

Project created date: 2017-04-26

Download in play store: 100 - 500

Commit period: Apr 27, 2017 to May 19, 2017 – 23 days

Commit number: 5

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# add android:windowSoftInputMode="adjustResize|adjustPan" in an activity.

2# add a use permission. add stateVisible|stateAlwaysHidden in windowSoftInputMode of an activity.

3# remove adjustResize from windowSoftInputMode of an activity.

4# add typos.

5# add stateAlwaysHidden in windowSoftInputMode of an activity.

575. <https://github.com/TheTorProject/ooniprobe-android>

Project created date: 2015-03-17

Download in play store: 100,000 - 500,000

Commit period: Dec 13, 2015 to Sep 13, 2017 – 1 yr. 9 months

Commit number: 24

No. of developers involved: 2 (21, 3)

App components: activity – 6 service – 2 receiver – 2 provider –

1# add a use permission and a service.

2# change package name. add app name. use fully qualified name in an activity name. remove a service.

3# add a setting activity.

4# change package name. Change app name. Change package name in an activity name. Use fully qualified name in an activity name. Add an activity.

5# add xmlns:tools. Add <uses-sdk tools:overrideLibrary="us.feras.mdv" />. Use shorthand in app and activities names. Add configChanges and portrait orientation in three activities. Add an activity.

6# add a receiver.

7# remove setting activity.

8# add a meta-data in app.

9# add a use permission and a receiver.

10# add android:enabled="true", android:exported="false", and android:permission="android.permission.INTERNET" in a receiver.

11# remove <uses-sdk tools:overrideLibrary="us.feras.mdv" />. Add a service.

12# add an action, two categories, and a data in an intent filter.

13# add an activity.

14# add a service. Remove an activity.

15# add tools:overrideLibrary in uses-sdk.

16# add an activity and two meta-data.

17# add an intent filter in an activity.

18# add an activity.

19# change value of a scheme in a data.

20# add label in an activity. add an activity.

21# add host in a data and add a new data in an intent filter.

22# add three intent filters in an activity. remove an action, two categories, and two data from an intent filter.

23# add singleInstance launch mode in an activity.

24# change label of an activity.

576. <https://github.com/openfoodfacts/openfoodfacts-androidapp>

Project created date: 2015-05-06

Download in play store: 1,000 - 5,000

Commit period: May 9, 2015 to Mar 24, 2017 – 1 yr. 10 months

Commit number: 28

No. of developers involved: 4 (18, 5, 4, 1)

App components: activity – 8 service – receiver – provider –

1# add a new activity and make it main activity.

2# add an activity and four meta-data.
3# add app name. remove an activity, add an activity, and add a use feature inside the activity.
4# move a use feature from inside of an activity to correct place.
5# add portrait orientation in five activities.
6# add windowSoftInputMode="stateUnchanged|adjustResize" in two activities.
7# change value of a meta-data.
8# add a use permission.
9# add a parent activity meta-data in an activity.
10# change value of a meta-data.
11# formatting change.
12# add theme in an activity.
13# change app theme.
14#, 15# change value of a meta-data.
16# add an activity.
17# change value of a meta-data.
18# add install location auto. Change a meta-data tag name incorrectly.
19# correct a meta-data tag name.
20# add an activity. change value of a meta-data.
21# formatting change.
22# add an activity.
23# change value of a meta-data.
24# add singleTop launch mode, an intent filter, and a meta-data in an activity.
25# change name of app. Remove four meta-data from app.
26# add a parent activity meta-data in an activity.
27# add parent activity name in four activities.
28# add round icon in app.

577. <https://github.com/sanbeg/flashlight>

Project created date: 2012-06-10

Download in play store: 1,000 - 5,000

Commit period: Jun 14, 2015 to Dec 22, 2015 – 6 months

Commit number: 8

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# version update. Upgrade target sdk from 10 to 19.

2# version update. Remove uses-sdk.

3# add app theme. Add a setting activity.

4# add theme in an activity.

5# remove theme from app and an activity. add icon in an activity.

6# add about activity.

7# add icon in an activity.

8# version update.

578. https://github.com/GunshipPenguin/open_flood

Project created date: 2016-01-17

Download in play store: 5,000 - 10,000

Commit period: Jan 24, 2016 to Apr 16, 2016 – 2 months

Commit number: 2

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# add an activity.

2# revert 1#.

579. <https://github.com/tasomaniac/OpenLinkWith>

Project created date: 2015-09-15

Download in play store: 10,000 - 50,000

Commit period: Sep 16, 2015 to Nov 8, 2017 – 2 yrs. 1 month

Commit number: 30

No. of developers involved: 1

App components: activity – 7 service – 1 receiver – provider – 1

1# remove app icon. Change theme of an activity and add configChanges, windowSoftInputMode, label, documentLaunchMode="never", excludeFromRecents="true", finishOnCloseSystemDialogs="true", and relinquishTaskIdentity="true" in an activity. add an activity.

2# add a meta-data in app.

3# add a provider.

4# add app name and theme.

5# add an activity.

6#, 7# add a use permission.

8# add icon and fullBackupContent="true" in application. Add process in an activity.

9# formatting change.

10# remove tools:ignore="ExportedService" from an activity. add an intent filter in an activity.

11# add supportsRtl="true".

12# add a setting activity and make it main activity.

13# add an activity.

14# add clearTaskOnLaunch="true" in an activity.

15# add parent activity name and its meta-data in an activity.

16# add tools:ignore="UnusedAttribute" in an activity. add theme in an activity.

17# add a meta-data in an activity. add a service.

18# change value of a meta-data in an activity. change name of a service.

19# add a use permission sdk-23.

20# remove exported="true" from an activity. add an activity.

21# add icon in an activity.

22# change icon of an activity.

23# add a use permission sdk-23.

24# change package structure of an activity name.

25# add install location auto.

26# add an activity.

27# add tools:ignore="GoogleAppIndexingWarning" in application. Add tools:targetApi="lollipop" in four activities.

28# change app and an activity icon.

29# remove a meta-data from app.

30# revert 29#.

580. <https://github.com/nexes/Android-File-Manager>

Project created date: 2010-07-12

Download in play store:

Commit period: Jul 18, 2010 to Jul 1, 2011 – 11 months

Commit number: 21

No. of developers involved: 1

App components: activity – 8 service – receiver – provider –

Exclusive version and uses-sdk related commit: 6

1# add an activity. remove use permissions.

2# add copyright.

3# add an activity.

4# add install location auto.

5#, 6# version update.

7# no changes.

8# remove a use permission.

9# version update. Change debuggable to false.

10# change debuggable to true.

11# add an intent filter in an activity. add enabled="true" and an intent filter in an activity.

12# add target sdk.

13# version update. Remove portrait orientation from an activity.

14# version update. Remove target sdk.

15# upgrade min sdk from 3 to 4. Add a use permission.

16# add target sdk. Add supports-screens.

17# version update. Change mime type of a data and add a category in an intent filter.

18# remove target sdk and add max sdk.

19# version update. Change debuggable to false.

20# change debuggable to true.

21# version update.

581. <https://github.com/ctodobom/OpenNoteScanner>

Project created date: 2016-02-10

Download in play store: 10,000 - 50,000

Commit period: Feb 11, 2016 to Aug 7, 2017 – 1 yr. 6 months

Commit number: 15

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

1# add an android:uses-permission inside manifest tag. Add two activities.

2# change name of two activities. Add an activity.

- 3# remove an android:uses-permission from manifest. Add use permissions.
- 4# add a use permission.
- 5# remove an activity.
- 6# change value of required to true in a use feature. Change screen orientation to portrait in an activity.
- 7# change theme of an activity.
- 8# remove two use features.
- 9# change value of required to false in a use feature.
- 10# enable large heap.
- 11# remove a use permission.
- 12# add a setting activity.
- 13# add app name.
- 14# formatting change.
- 15# remove a use permission.

582. <https://github.com/chaosbastler/opentraining>

Project created date: 2012-08-23

Download in play store: 10,000 - 50,000

Commit period: Feb 15, 2013 to Mar 23, 2015 – 2 yrs. 1 month

Commit number: 40

No. of developers involved: 3 (32, 7, 1)

App components: activity – 10 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 20

1# version update. Upgrade target sdk from 17 to 18.

2# add two activities.

3# change package structure in two activities names.

4# enable large heap.

5# add an activity.

6# change package structure of an activity name.

7# add a setting activity.

8# downgrade target sdk from 18 to 17.

9#, 10#, 11#, 12#, 13# version update.

14# add an activity.

15# add install location auto.

16# change label of an activity.

17# change package structure of an activity name.

18# version update.

19# version update. Upgrade target sdk from 17 to 18. Change app theme. Remove theme from an activity.

20# add use permissions.

21# add a service.

22# remove an activity.

23# change package structure of a service name.

24# version update.

25# upgrade min sdk from 8 to 10 and target sdk from 18 to 19. Add a use permission. add icons in eight activities.
26# version update. Remove a use permission.
27# add a use permission.
28# version update.
29# change app theme.
30#, 31#, 32# version update.
33# add app name. add an activity.
34#, 35#, 36# version update.
37# upgrade target sdk from 19 to 21.
38# upgrade min sdk from 10 to 14.
39# version update.
40# remove version name and code.

583. <https://github.com/dkanada/OpenAPK>

Project created date: 2017-01-28

Download in play store:

Commit period: May 21, 2015 to Nov 19, 2017 – 2 yrs. 6 months

Commit number: 20

No. of developers involved: 4 (10, 8, 1, 1)

App components: activity – 4 service – receiver – provider –

1# change package name. remove a use permission. change app theme. Use fully qualified names in activities names.

2# remove a use permission. remove labels from two activities.

3# add about activity.

4# add install location auto.

5# use shorthand in and change package structure in 4 activities names.

6# add two intent filters and a meta-data in an activity.

7# add app name.

8# remove an intent filter from an activity.

9# add xmlns:tools. Add tools:replace="android:theme" in application.

10# add an activity.

11# change package name. use fully qualified name in app and component names.

12# change app theme.

13# change app name.

14# formatting change.

15# remove an activity.

16# remove app name.

17# add app name.

18# change resource value of a meta-data in an activity.

19# remove install location auto. Add a use permission.

20# add install location auto.

584. <https://github.com/bparmentier/OpenBikeSharing>

Project created date: 2014-08-07
Download in play store: 1,000 - 5,000
Commit period: Aug 19, 2014 to Jun 24, 2015 – 10 months
Commit number: 6
No. of developers involved: 1
App components: activity – 5 service – 1 receiver – 1 provider –

1# formatting change.
2# change package structure in activity names in four parent activity meta-data.
3# change copyright.
4# change package structure in 5 activities names.
5# add android:windowSoftInputMode="stateUnspecified|adjustPan" in an activity.
6# add a receiver and a service.

585. <https://github.com/openbmap/radiocells-nlp-android>

Project created date: 2015-02-08
Download in play store:
Commit period: Feb 23, 2015 to Aug 23, 2017 – 2 yrs. 6 months
Commit number: 23
No. of developers involved: 1
App components: activity – 1 service – 1 receiver – provider –
Exclusive version and uses-sdk related commit: 17

1# upgrade min sdk from 9 to 18. Add a use permission.
2#, 3# version update.
4# version update. Downgrade min sdk from 18 to 17.
5#, 6#, 7# version update.
8# downgrade min sdk from 17 to 16.
9# version update.
10# formatting change.
11# version update.
12# add a use permission.
13#, 14#, 15#, 16# version update.
17# version update. Replace string constant with string resource in a label of an activity.
18#, 19#, 20# version update.
21# change name of a service.
22# version update. Upgrade target sdk from 21 to 25. Change name and label of a service.
23# version update. Upgrade target sdk from 25 to 26.

586. <https://github.com/TomTasche/OpenDocument.droid>

Project created date: 2010-10-19
Download in play store: 5,000,000 - 10,000,000
Commit period: Nov 29, 2010 to Nov 6, 2013 – 2 yrs. 11 months
Commit number: 76
No. of developers involved: 1
App components: activity – 4 service – receiver – provider – 1

Exclusive version and uses-sdk related commit: 33

1# version update. Change install location to auto. Change name of an activity and add an intent filter. add a provider. Add a use feature. Downgrade min sdk from 5 to 3.

2# version update. Add configChanges and an intent filter in an activity. add a use permission.

3# version update. Add two intent filters in an activity. add xlargeScreens in supports-screens.

4# version update. Add two intent filters in an activity.

5#, 6# version update.

7# add a use permission and an activity. upgrade target sdk from 7 to 9.

8# version update. Change name of an activity. add theme and two intent filters in an activity.

9# version update. Change label of an activity.

10# version update. Change package structure of an activity and a provider name.

11#, 12# version update.

13# add an activity.

14# version update. Remove an activity.

15# version update. Enable hardware acceleration and allowBackup. Remove theme from an activity. upgrade min sdk from 3 to 4 and target sdk from 9 to 13.

16# use shorthand in a provider name.

17# add an activity and a service.

18# change name and remove configChanges from an activity. add use permissions. remove a use feature.

19# formatting change.

20# version update.

21# remove a service.

22# remove configChanges from an activity. change name of an activity.

23# version update. Remove a permission and use permissions. upgrade target sdk from 13 to 16. Remove allowBackup="true". Change name of an activity.

24# add use permissions. change package structure of a provider. Add an activity, a service, and a receiver. Remove two activities. Change name of an activity and add configChanges in the activity.

25#, 26# change package name. version update. Change authorities of a provider.

27# add a use feature.

28# version update. Add a use permission.

29#, 30#, 31# version update.

32# remove configChanges from an activity.

33# add an activity.

34# version update. Upgrade target sdk from 16 to 17. Add allowBackup="true".

35# change label of an activity. add two activities.

36# add theme and android:excludeFromRecents="true" in three activities.

37#, 38# version update.

39# add app theme.

40# change theme in three activities.

41# version update.

42# upgrade min sdk from 4 to 7. Change theme in app and three activities.

43#, 44#, 45# version update.

46# version update. Add four intent filters in an activity. remove an activity.

47# version update. Add a use permission and an activity.
48# remove a comment.
49# version update.
50# upgrade min sdk from 7 to 8. Add an activity. change name of a provider and add exported="true" in the provider.
51# change theme in three activities.
52#, 53#, 54# version update.
55# remove a service and a receiver.
56# version update. Remove an activity.
57# add an activity.
58# change app theme.
59# add a use permission.
60# version update.
61# add a use feature.
62#, 63# version update.
64# upgrade min sdk from 8 to 11 and target sdk from 17 to 18.
65# version update.
66# version update. Downgrade min sdk from 11 to 8.
67#, 68#, 69# version update.
70# version update. Upgrade min sdk from 8 to 11.
71# version update.
72# replace string resource with string constant in labels of app and two activities. Change label of an activity.
73#, 74# version update.
75# upgrade target sdk from 18 to 19.
76# version update.

587. https://github.com/daktak/opengapps_downloader

Project created date: 2016-07-02
Download in play store:
Commit period:
Commit number: 0

588. <https://github.com/theScrabi/OpenHitboxStreams>

Project created date: 2016-03-07
Download in play store:
Commit period:
Commit number: 0

589. <https://github.com/open-keychain/open-keychain>

Project created date: 2012-03-09
Download in play store: 100,000 - 500,000
Commit period: Apr 14, 2014 to Nov 1, 2017 – 3 yrs. 7 months
Commit number: 213

No. of developers involved: 15 (139, 38, 14, 7, 3, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1)

App components: activity – 50 service – 9 receiver – 3 provider – 3

Exclusive version and uses-sdk related commit: 32

- 1# add xmlns:tools. Remove an activity. add tools:ignore="ExportedService" in a service.
- 2# version update.
- 3# remove uses-sdk.
- 4# replace string constant with string resource in label of an activity.
- 5#, 6#, 7# version update.
- 8# add parent activity name and its meta-data in two activities.
- 9# version update.
- 10# add a use permission.
- 11# add use permissions and two services.
- 12# add a use permission and an intent filter in an activity.
- 13# add an activity.
- 14# change app icon.
- 15#, 16# add an activity.
- 17# add a use permission.
- 18# add a permission, a use permission, and a provider.
- 19# remove an activity. add an activity.
- 20# add an action in an intent filter of an activity.
- 21# remove an activity.
- 22# remove an activity. add two new activities.
- 23# add parent activity meta-data in an activity.
- 24# change value of windowSoftInputMode to stateAlwaysHidden in an activity. remove windowSoft from two activities.
- 25# add an activity.
- 26# add data elements in four intent filters.
- 27# add a data in three intent filters.
- 28# add an intent filter in an activity.
- 29# change label of an intent filter.
- 30# add an activity.
- 31# remove a data and add three data elements in an intent filter.
- 32# version update.
- 33# add exported="true" and process in a service.
- 34#, 35#, 36#, 37#, 38# version update.
- 39# change name and label of an activity. add a new activity and move an intent filter to the new activity.
- 40# add a use permission.
- 41# add an intent filter in an activity. add data elements in three intent filters.
- 42# remove data elements from two intent filters. Change name of an action in an intent filter.
- 43# change name of two actions in two intent filters.
- 44# remove two data and add a data in an intent filter.
- 45# remove an action element.
- 46# version update.

47# add a use feature.
48# version update.
49# remove label from an activity. add an activity.
50# add an activity.
51# remove two activities. Add two new activities. Remove intent filters. Change data elements.
52# remove a use permission.
53# change name of an activity.
54# add a comment.
55# revert 54#.
56# add parent activity name in three activities. Add parent activity meta-data in two activities.
57# add a new activity.
58# place period in an activity name.
59# version update.
60# add android:windowSoftInputMode="stateHidden" in an activity.
61# add android:taskAffinity=":Nfc" and android:allowTaskReparenting="true" in an activity.
62# add an activity.
63# remove an activity.
64#, 65#, 66#, 67# version update.
68#, 69# add an activity.
70#, 71# change label of an activity.
72# add parent activity name and its meta-data in an activity.
73# remove parent activity name from an activity. remove an activity.
74# fix syntax typo.
75# change comments.
76# remove an action from an intent filter of an activity. change name of an activity. add a new activity. move intent filters.
77# add an activity.
78# remove windowSoftInputMode="stateHidden" from an activity.
79# remove an activity.
80# add an activity.
81# add windowSoftInputMode="stateHidden" in an activity.
82# change name of an action element.
83# version update.
84# change name of an activity.
85#, 86#, 87#, 88#, 89#, 90# version update.
91#, 92#, 93# add an activity.
94# remove comments.
95# change name of two activities.
96# change name and label of an activity.
97# add a new activity and make it main activity.
98# remove three activities. change parent activity names in eight activities.
99# remove an activity.
100# add parent activity name and its meta data in two activities.
101# add tools:replace="android:allowBackup" in application. Remove an activity.

102# remove an activity. add an activity.
103# add an activity.
104# change name of an activity. move an intent filter to another activity.
105# remove configChanges from an activity.
106# add adjustResize in window soft of an activity.
107# remove tools:replace="android:allowBackup" from application.
108# remove stateHidden from window soft of an activity.
109# add an activity.
110# version update.
111# add a use permission.
112# remove process from two activities.
113# remove exported="false" from an activity. add tools:ignore="ExportedService" in two services.
114# add an activity.
115# remove an activity. change label and remove configChanges from an activity.
116# add singleTop launch mode and allowTaskReparenting="true" in an activity.
117# add a service.
118# version update.
119# remove an activity.
120# add a service.
121# add an intent filter in an activity.
122# add an activity.
123# change comments.
124# version update.
125# formatting change.
126#, 127#, 128# version update.
129# change name of a service.
130# add a service.
131# replace package name with app id placeholder in a permission, a use permission, two authorities of two providers, and writePermission of a provider.
132# replace placeholders with string resource in authorities of two providers.
133# remove version name and code. Replace string resource with string constant in an authorities.
134# replace package name with app id placeholder in two authorities of two providers.
135# remove an intent filter from an activity. add an action and two data elements in an intent filter.
136# change name of two activities. Move an intent filter from one activity to another activity.
137# remove a service.
138# change name of a service.
139# remove a use permission. add signature protection level in a permission.
140# change comments.
141# add an intent filter in an activity.
142# add theme in an activity.
143# change theme of an activity.
144# add an activity.
145# add two new activities.
146# remove an activity.

147# add an activity.
148# change name of an activity.
149# change app theme.
150# change theme of an activity.
151# change theme in app and an activity.
152# change theme of an activity.
153# add a service.
154# add label in a provider.
155# add a service.
156# remove an activity.
157# add singleInstance launch mode and an intent filter in an activity.
158# revert 157#.
159# change resource folder of app icon.
160# add parent activity name in an activity.
161# add a data.
162# remove two data and add a data in an intent filter.
163# add an activity.
164# change configChanges of an activity.
165# change name of a provider.
166# add an activity.
167# change theme in six activities.
168# add an intent filter in an activity.
169# add a use permission.
170# change resource value of three meta data in two services.
171# add an activity.
172# revert 171#.
173# add an intent filter in an activity.
174# add android:fullBackupContent="false" in application.
175#, 176# add an activity.
177# change name of an activity.
178# remove singleTop launch mode from four activities.
179#, 180# add an activity.
181# change name of an activity. remove an activity. Add four new activities. Add exported="true" in a service.
182# add an activity.
183# add two new activities.
184# add a comment.
185# add a provider.
186# add an activity.
187# move an intent filter to another activity.
188# comment change.
189# add a new activity and move an intent filter to this activity.
190# add a use permission and a receiver.
191# add theme in an activity.

192# change theme of an activity.
193# add a use feature.
194# add an activity.
195# add a receiver.
196# add an activity.
197#, 198# change package structure of a receiver name.
199# add a receiver.
200# remove an activity. add an activity.
201#, 202# add theme in an activity.
203# remove two activities.
204# add an activity.
205# change package structure of an activity.
206# change label of an activity.
207# add an activity.
208# add a use permission.
209# add an activity.
210#, 211# remove an activity.
212# add an activity.
213# add an activity and a service.

590. <https://github.com/OpenLauncherTeam/openlauncher>

Project created date: 2016-08-03

Download in play store: 10,000 - 50,000

Commit period: Aug 13, 2016 to Nov 17, 2017 – 1 yr. 3 months

Commit number: 28

No. of developers involved: 5 (13, 7, 5, 2, 1)

App components: activity – 7 service – receiver – 2 provider – 2

1# remove a receiver.
2# add windowSoftInputMode="adjustPan" in an activity.
3# add android:largeHeap="false" in application.
4#
5# no changes.
6# change name of an activity. remove parent activity name from an activity.
7# change name of an activity.
8# add android:launchMode="singleTask", android:stateNotNeeded="true", and android:taskAffinity="" in application. Add android:clearTaskOnLaunch="true" in an activity.
9# change name of an activity.
10# add a meta-data in app.
11# replace resource with a placeholder in app icon and an authorities. Use fully qualified name in components.
12# change name of an activity.
13# add app name.
14# change name of an activity.
15# add an activity.

- 16# remove an activity.
- 17# add a use permission.
- 18# change package structure of a receiver name.
- 19# replace placeholder with a resource in app icon.
- 20# change name of an activity.
- 21# Remove enabled="true" from an activity.
- 22# add parent activity name in an activity.
- 23# remove portrait orientation from an activity.
- 24# add theme in an activity.
- 25# remove portrait orientation from an activity.
- 26# change resource folder of app icon. Add round icon. Remove allowBackup="true".
- 27# formatting change.
- 28# change theme of an activity.

591. <https://github.com/nv95/OpenManga>

Project created date: 2015-10-05

Download in play store:

Commit period: Oct 7, 2015 to Jul 26, 2017 – 1 yr. 9 months

Commit number: 64

No. of developers involved: 3 (59, 3, 2)

App components: activity – 12 service – 6 receiver – 1 provider –

- 1# syntax change.
- 2# change label of an activity. add a service.
- 3#, 4# add an activity.
- 5# add label and theme in an activity.
- 6# remove theme from an activity.
- 7# add app name.
- 8# add a use permission.
- 9# add windowSoftInputMode="adjustPan" in an activity.
- 10# add a service.
- 11# add an activity and a receiver.
- 12# no changes.
- 13# change value of window soft to adjustResize in an activity.
- 14#, 15# add an activity.
- 16# add about activity.
- 17# add label in an activity.
- 18# add an activity.
- 19# change package structure of a service and a receiver name.
- 20# change value of window soft to adjustPan in an activity.
- 21# syntax change.
- 22# add two activities.
- 23# add theme and label and remove an intent filter from an activity.
- 24# change package structure of a service name.
- 25# add a service.

26# add configChanges in nine activities.
27# change package structure of 13 activities names.
28# add a service.
29# remove label from an activity. add configChanges in four activities.
30# remove configChanges in an activity.
31# add theme in an activity. add an activity.
32# change package structure of a service name.
33# remove a service.
34# remove a receiver. add a receiver. remove a service. Add a service.
35# remove an activity. add enabled="true", exported="true", and a category in a receiver.
36# add theme and label in an activity.
37# add theme in an activity.
38# add an activity.
39# add a use permission.
40# remove theme from an activity.
41# remove theme from four activities.
42# remove an activity and add a service.
43# remove an activity and add an activity.
44# add fullBackupContent="false" and supportsRtl="true".
45# add an action in an intent filter.
46# remove an activity. add a new activity.
47# add an activity.
48# change name of an activity. remove an activity.
49# add an activity.
50# remove configChanges and add window soft in an activity. remove an activity.
51# add an activity.
52# remove an activity.
53# add an activity.
54# revert 53#.
55# add a use permission. add an intent filter in an activity.
56# add an activity and a service.
57# add a service.
58# remove a service. Add a new service.
59# change package structure in five activities names. Change label of an activity.
60# remove an activity.
61# remove an action from an intent filter.
62# remove configChanges from an activity. add a new activity.
63# remove three activities.
64# add xmlns:tools. Add round icon, allowClearUserData="true", and tools:ignore="GoogleAppIndexingWarning" in application.

592. <https://github.com/AmericanRedCross/OpenMapKitAndroid>

Project created date: 2014-12-17

Download in play store: 1,000 - 5,000

Commit period: Jan 14, 2015 to Apr 6, 2016 – 1 yr. 2 months

Commit number: 16

No. of developers involved: 3 (10, 4, 2)

App components: activity – 5 service – receiver – provider –

1# change package name.

2# formatting change.

3# add an intent filter in an activity.

4# enable large heap.

5# add an activity.

6# remove an activity. add two activities.

7# add windowSoftInputMode="stateHidden" in an activity.

8# add an activity.

9# remove an activity.

10# remove two activities.

11# change app icon.

12# change app icon.

13# remove an activity.

14#, 15#, 16# add a new activity.

593. <https://github.com/domoritz/open-mensa-android>

Project created date: 2012-08-05

Download in play store: 500 - 1,000

Commit period: Aug 6, 2012 to Jul 3, 2017 – 4 yrs. 11 months

Commit number: 24

No. of developers involved: 2 (23, 1)

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 15

1# change name of an activity.

2# change value of a meta data in an activity.

3# upgrade target sdk from 15 to 16. Add max sdk. Change label of an activity.

4# change package structure of an activity name.

5# add use permissions. add a meta data and a service.

6# downgrade min sdk from 14 to 8. Upgrade target and max sdk from 16 to 17. Change app theme and add allowBackup="true".

7# downgrade target sdk from 17 to 16.

8# revert 7#.

9# upgrade min sdk from 8 to 11.

10#, 11#, 12#, 13#, 14#, 15# version update.

16# upgrade target and max sdk from 17 to 18. Add parent activity name in an activity.

17# change app theme.

18# version update. Upgrade target and max sdk from 18 to 19.

19# upgrade target and max sdk from 19 to 21.

20# remove a meta-data and a service from app.

21# version update.

22# version update. Remove max sdk.
23# version update. Upgrade target sdk from 21 to 23.
24# downgrade target sdk from 23 to 21.

594. <https://github.com/iilab/openmentoring-mobile>

Project created date: 2015-11-20
Download in play store: 5 - 10
Commit period: Dec 12, 2015 to Jul 4, 2016 – 6 months
Commit number: 11
No. of developers involved: 2 (7, 4)
App components: activity – 3 service – receiver – 5 provider –
Exclusive version and uses-sdk related commit: 4

1# version update.
2# add a use permission. add two activities and five receivers.
3# add an intent filter in an activity.
4# version update. Revert 3#.
5# formatting change.
6#, 7# version update.
8# remove a use permission. upgrade target sdk from 22 to 23. Change theme of an activity.
9# add portrait orientation in an activity.
10# version update.
11# add an intent filter in an activity.

595. <https://github.com/OpenOrienteering/mapper>

Project created date: 2015-07-31
Download in play store:
Commit period: Aug 15, 2013 to Aug 19, 2017 – 4 yrs.
Commit number: 27
No. of developers involved: 2 (17, 10)
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 14

1# add min and target sdk.
2# change value of a meta-data in an activity.
3# change package name. Change value of two meta-data in an activity.
4# formatting change.
5# add portrait orientation in an activity.
6# change package name. add install location auto. Remove app icon. Change value of configChanges in an activity. upgrade target sdk from 11 to 14. Change value of seven meta-data in an activity.
7# add a use permission.
8# change package name. remove an activity. add an activity.
9# add app icon.
10# version update.
11# formatting change.
12# remove portrait orientation from an activity.

13# change xml encoding tag. Add singleTask launch mode in an activity. add an intent filter in an activity. upgrade target sdk from 14 to 19.
14# version update.
15# change app name. change name of three meta-data and replace three meta-data with three new meta-data.
16#, 17#, 18#, 19#, 20#, 21#, 22#, 23# version update.
24# remove label and icon from an intent filter. add data elements in an intent filter.
25#, 26#, 27# version update.

596. <https://github.com/ars3niy/openpass>

Project created date: 2016-07-25
Download in play store:
Commit period:
Commit number: 0

597. <https://github.com/indication/OpenRedmine>

Project created date: 2012-07-17
Download in play store: 5,000 - 10,000
Commit period: Nov 20, 2013 to May 29, 2017 – 3 yrs. 6 months
Commit number: 24
No. of developers involved: 2 (23, 1)
App components: activity – 16 service – receiver – provider – 1
Exclusive version and uses-sdk related commit: 3

1# remove uses-sdk.
2# version update.
3# remove version name and code.
4#, 5#, 6# add an activity.
7# change name of an activity.
8#, 9#, 10# add an activity.
11# add configChanges in all the activities.
12#, 13#, 14# add an activity.
15# add about activity.
16# change package structure of 15 activities names.
17# add a provider.
18# remove a use permission.
19# revert 18#.
20# add exported="false" in an activity.
21# add an activity.
22# add xmlns:tools. Add tools:ignore="ExportedContentProvider" in a provider.
23# add fullBackupContent="true" in application.
24# add a use permission.

598. <https://github.com/oliexdev/openScale>

Project created date: 2014-12-13

Download in play store: 5,000 - 10,000
Commit period: Jan 2, 2015 to Aug 11, 2017 – 2 yrs. 7 months
Commit number: 21
No. of developers involved: 2 (20, 1)
App components: activity – 4 service – receiver – 1 provider –
Exclusive version and uses-sdk related commit: 11

1# upgrade min sdk from 14 to 16.
2# replace string constant with string resource in label of an activity. add a new activity.
3# remove uses-sdk.
4# version update.
5# add an activity.
6# version update.
7# change theme of two activities.
8# change label of an activity.
9#, 10# version update.
11# remove two activities. Add a new activity.
12#, 13# version update.
14# version update. Add a use permission and a use feature.
15#, 16# version update.
17# add a use permission. use shorthand in two activities names. Add a receiver.
18# remove version name and code.
19# change package structure of three activities names and a receiver.
20# remove theme from an activity.
21# change app icon.

599. <https://github.com/LibreShift/OpenShift>

Project created date: 2017-06-15
Download in play store: 1 - 5
Commit period: Jun 20, 2017 to Jun 28, 2017 – 8 days
Commit number: 2
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –

1# change app icon and round icon.
2# use fully qualified name in an activity name.

600. <https://github.com/romario333/opensudoku>

Project created date: 2012-02-23
Download in play store: 1,000,000 - 5,000,000
Commit period: Mar 1, 2009 to Jun 26, 2012 – 3 yrs. 4 months
Commit number: 42
No. of developers involved: 1
App components: activity – 10 service – receiver – provider –
Exclusive version and uses-sdk related commit: 11

1# add two new activities. Move main intent filter to a new activity.

2# move main intent filter back.
3# move main intent filter to another activity.
4# move main intent filter to another activity. change name of an activity. add three activities.
5# add a use permission.
6# add debuggable="true".
7# change package name.
8# add an activity.
9# remove a use permission.
10# remove three activities.
11# change package name. change package structure of 5 activities names. Replace string resource with string constant in label of an activity.
12# replace string constant with string resource in label of an activity.
13# remove an activity.
14# version update. Change app icon.
15# change labels of two activities.
16# add an activity.
17# version update.
18# add an activity.
19# version update. Remove debuggable="true".
20# add min sdk.
21# correct attribute name of min sdk.
22#, 23#, 24#, 25# version update.
26# add a uses-library and an instrumentation.
27# version update.
28# add a use permission and an intent filter in an activity.
29# upgrade min sdk from 2 to 3. Remove an intent filter from an activity. add an activity.
30# remove a data. Add a category and three data in an intent filter.
31# remove data from an intent filter. add an activity.
32# formatting change.
33# remove an activity.
34# version update.
35# remove instrumentation.
36# version update. Add target sdk.
37# version update.
38# version update. Add install location preferExternal. remove a uses-library. Change label of an activity. change name of an activity. add a new activity and move an intent filter to this activity. add a use permission and two activities.
39# version update. Change install location to auto.
40# version update. Change app icon.
41# version update.
42# formatting change.

601. <https://github.com/dmfs/opentasks>

Project created date: 2013-06-07

Download in play store: 100,000 - 500,000
Commit period: Dec 10, 2015 to Nov 22, 2017 – 1 yr. 11 months
Commit number: 12
No. of developers involved: 5 (4, 4, 2, 1, 1)
App components: activity – 9 service – 3 receiver – 7 provider –
Exclusive version and uses-sdk related commit: 1

1# version update. Upgrade target sdk from 22 to 23.
2# add two new receivers.
3# add windowSoftInputMode="adjustResize" in an activity. add adjustResize in window soft of an activity.
4#, 5# change label of an intent filter.
6# add android:scheme="content" in twelve data elements of eleven intent filters.
7# change a comment.
8# remove version and uses-sdk. Remove two permissions. remove a provider and a receiver.
9# formatting change.
10# add app name.
11# add a setting activity.
12# add android:supportsRtl="false".

602. <https://github.com/schwabe/ics-openvpn>

Project created date: 2015-03-19
Download in play store: 1,000,000 - 5,000,000
Commit period: Jun 6, 2014 to Nov 11, 2017 – 3 yrs. 5 months
Commit number: 34
No. of developers involved: 3 (31, 2, 1)
App components: activity – 11 service – 4 receiver – 1 provider – 1

1# remove a use permission.
2# add tools:ignore="UnusedAttribute" in application.
3# change name of a service.
4# add a copyright.
5# add a priority in an intent filter of a receiver.
6#, 7# change app theme.
8# remove a permission. remove android:permission from two activities and a service.
9# remove uiOptions from an activity.
10# add tools:ignore="ExportedService" in a service. Add an action in an intent filter in a receiver.
11# add android:autoRemoveFromRecents="true" and android:excludeFromRecents="true" in an activity.
12# change a comment.
13# add a category in an intent filter of an activity.
14# add a use feature. Remove a data from an intent filter.
15# add a use feature.
16# change copyright.
17# change app icon.
18# add taskAffinity="" in an activity.

19# change theme in two activities.
20# change app icon.
21# change theme and add taskAffinity="" and autoRemoveFromRecents="true" in an activity.
22# add banner in application. Add noHistory="true" in two activities.
23# change theme in an activity.
24# change taskAffinity in two activities. Add taskAffinity in two activities. Add
excludeFromRecents="true" in an activity.
25# add a comment.
26# change app icon and banner.
27# remove noHistory="true" from an activity.
28# add a service.
29# add android:value="true" and a meta-data in a service.
30# change icon in a service.
31# add process in three services. Add exported="false" in a service.
32# formatting change.
33# add tools:ignore="AppLinkUrlError" in two intent filters of an activity. add an activity.
34# add a data in an intent filter of an activity.

603. <https://github.com/orgzly/orgzly-android>

Project created date: 2017-02-03

Download in play store: 10,000 - 50,000

Commit period: Mar 12, 2017 to Nov 23, 2017 – 8 months

Commit number: 22

No. of developers involved: 3 (14, 7, 1)

App components: activity – 7 service – 5 receiver – 2 provider – 1

1# add app name and a service.
2# add android:exported="true" in a service.
3# add an activity.
4# add label in an activity.
5# add icon in an activity.
6# add a receiver and a service.
7# add an activity.
8# add label in a receiver.
9# add android:fullBackupContent in application.
10# add an action in an intent filter of a receiver.
11# add a service.
12# add an action in an intent filter of a receiver.
13# add a use permission.
14# add an activity.
15# revert 14#.
16# change name of a service.
17# add a setting activity.
18# add a service.
19# remove comments.

20# change name of two actions in an intent filter.
21# formatting change.
22# remove a comment.

604. <https://github.com/EthACKdotOrg/orWall>

Project created date: 2014-07-18

Download in play store:

Commit period: Jul 21, 2014 to Jul 30, 2016 – 2 yrs.

Commit number: 26

No. of developers involved: 2 (22, 4)

App components: activity – 3 service – 1 receiver – 3 provider –

Exclusive version and uses-sdk related commit: 1

1# add version name. remove a receiver.

2# change app icon.

3# remove version name.

4# add an activity.

5# add use permissions.

6# change package name. use fully qualified name in two activities and a receiver names.

7# use shorthand in two activities and a receiver names. Add a service.

8# formatting change.

9# syntax change.

10# add a receiver.

11# add an action in an intent filter of a receiver.

12# add an activity.

13# change label of an activity.

14# formatting change.

15# remove a use permission. add a receiver.

16# remove a receiver.

17# revert 16#.

18# change name of an activity. use fully qualified name in component names.

19# remove a comment.

20# remove an activity.

21# add an activity.

22# formatting change.

23# add configChanges in an activity.

24# remove an action from an intent filter of a receiver.

25# add an action in an intent filter of a receiver.

26# add a use permission.

605. <https://github.com/guardianproject/orweb>

Project created date: 2010-03-08

Download in play store: XXXXXXXX

Commit period: Jul 23, 2011 to Nov 26, 2015 – 4 yrs. 4 months

Commit number: 32

No. of developers involved: 3 (24, 5, 3)

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 15

1# change package name. version update. Change package name in two activities names. remove configChanges from an activity.

2# version update. Change app icon. Upgrade min sdk from 3 to 4.

3# version update. Add configChanges in an activity.

4# version update. Upgrade min sdk from 4 to 7. Add target sdk. Use shorthand in activities names.

5# version update. Downgrade target sdk from 11 to 10 and add max sdk.

6# version update. Upgrade target sdk from 10 to 15. Remove singleTask launch mode in an activity.

7# add install location preferExternal.

8# upgrade min sdk from 7 to 8.

9# version update. upgrade min sdk from 7 to 8. Remove max sdk. Add app theme.

10# add app name. add configChanges in application. Add locale in configChanges of an activity.

11# version update. Add screenSize in configChanges of an activity and application.

12# version update.

13# formatting change.

14# version update. Add max sdk.

15# upgrade target sdk from 15 to 18. Remove max sdk. Add allowClearUserData="true", allowBackup="false", and allowTaskReparenting="false" in application. Add singleTop launch mode in an activity.

16# version update. Upgrade min sdk from 8 to 9. Add a use permission.

17#, 18#, 19# version update.

20# remove android:allowTaskReparenting="false" from application.

21# version update.

22# add max sdk.

23# version update. Upgrade target sdk from 18 to 19. Remove max sdk.

24# version update. Change app theme.

25# version update.

26# downgrade target sdk from 19 to 18.

27# version update.

28# upgrade target sdk from 18 to 21.

29# add an intent filter in an activity.

30# change app icon.

31# add an activity.

32# version update.

606. <https://github.com/eolwral/OSMonitor>

Project created date: 2013-04-29

Download in play store: 1,000,000 - 5,000,000

Commit period: Jul 22, 2015 to Aug 28, 2016 – 1 yr. 1 month

Commit number: 5

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – 1 provider – 1

Exclusive version and uses-sdk related commit: 1

1# version update.

2# add xmlns:tools. Remove version and uses-sdk. Add tools:replace="label" in application. Remove an activity.

3# add android:exported="false" in an activity and a receiver.

4# change name of an activity.

5# add theme in an activity.

607. <https://github.com/billthefarmer/scope>

Project created date: 2013-06-13

Download in play store:

Commit period: Jan 17, 2017 to Nov 22, 2017 – 10 months

Commit number: 7

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# add xmlns:tools and tools:ignore="GoogleAppIndexingWarning" in manifest tag. Upgrade target sdk from 17 to 25. Add tools:ignore="AllowBackup" in application. Remove leading period from activities names.

2# change app theme.

3# version update.

4# add tools:ignore="OldTargetApi" in uses-sdk. Downgrade target sdk from 25 to 22.

5# version update.

6# version update. Change app theme.

7# version update.

608. <https://github.com/ChristopherGittner/OSMBugs>

Project created date: 2013-06-27

Download in play store: 500 - 1,000

Commit period: Mar 19, 2014 to Jan 27, 2017 – 2 yrs. 10 months

Commit number: 23

No. of developers involved: 1

App components: activity – 6 service – receiver – provider –

1# remove xml encoding. Remove version and uses-sdk.

2# formatting change.

3# add xml encoding. Add an activity.

4# add an activity.

5# add app name.

6# change name of an activity.

7# remove a use permission.

8# use shorthand in four activities names. Add two activities.

9# remove two activities.

10# remove app name.

11# add app name. add an activity.

12# remove an activity. add four new activities.
13# remove an activity. add two activities.
14# formatting change.
15# change name of four activities.
16# change name of two activities. Add an activity. remove an activity.
17# change name of two activities.
18# formatting change.
19# add label in six activities.
20#, 21# change app name.
22# add an activity. remove four activities.
23# remove an activity.

609. <https://github.com/nguillaumin/osmtracker-android>

Project created date: 2011-09-08
Download in play store: 100,000 - 500,000
Commit period: May 30, 2015 to Aug 22, 2015 – 2 months
Commit number: 2
No. of developers involved: 1
App components: activity – 9 service – 1 receiver – 1 provider – 1
Exclusive version and uses-sdk related commit: 2

1# version update. Remove uses-sdk.
2# version update.

610. <https://github.com/ldionmarcil/OSRSHelper>

Project created date: 2014-09-09
Download in play store: 10,000 - 50,000
Commit period: Sep 24, 2014 to Jul 9, 2017 – 2 yrs. 10 months
Commit number: 12
No. of developers involved: 2 (8, 4)
App components: activity – 7 service – 1 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 7

1#, 2# no changes.
3# remove label from an activity. add an activity.
4# add configChanges in an activity.
5#, 6#, 7#, 8#, 9#, 10# version update.
11# remove version and uses-sdk.
12# add app name.

611. <https://github.com/0xbb/otp-authenticator>

Project created date: 2015-11-21
Download in play store: 5,000 - 10,000
Commit period: Nov 24, 2015 – 1 day
Commit number: 2
No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# add app name.

2# change value of allowBackup to false.

612. <https://github.com/Luorrak/Ouroboros>

Project created date: 2015-07-06

Download in play store: 10,000 - 50,000

Commit period: Jul 11, 2015 to Feb 10, 2016 – 7 months

Commit number: 14

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – 1 provider –

1# remove configChanges from an activity.

2# remove a meta-data from an activity. add a setting activity.

3# remove app theme.

4# remove parent activity meta-data from an activity.

5# remove setting activity.

6# change package structure in 3 activities names. Change name of an activity.

7# remove an activity.

8# add a use permission.

9# remove an activity.

10# add an activity.

11# remove an activity. add an activity.

12# add a use permission.

13# add a use permission, a service, and a receiver.

14# remove a parent activity meta data from an activity.

613. <https://github.com/miku-nyan/Overchan-Android>

Project created date: 2015-04-06

Download in play store: 100,000 - 500,000

Commit period: Apr 7, 2015 to Jun 21, 2016 – 1 yr. 2 months

Commit number: 97

No. of developers involved: 4 (93, 2, 1, 1)

App components: activity – 15 service – 4 receiver – provider –

Exclusive version and uses-sdk related commit: 48

1# version update. Add two data in an intent filter.

2# version update.

3# version update. Add a data in an intent filter.

4# add data elements in an intent filter.

5#, 6#, 7# version update.

8# version update. Add data elements in an intent filter.

9# add data elements in an intent filter.

10#, 11# version update.

12# version update. Add data elements in an intent filter.

13# version update.

14# add data elements in an intent filter.
15# version update.
16# add data elements in an intent filter.
17#, 18# version update.
19# add an activity.
20#, 21#, 22# version update.
23# add data elements in an intent filter.
24# add a data in an intent filter.
25# add data elements in an intent filter.
26# version update.
27# add a use permission and a receiver.
28#, 29# version update.
30# add an activity.
31# version update. Remove an intent filter from an activity.
32# add data elements in an intent filter.
33# add an intent filter in an activity.
34# add data elements in an intent filter.
35# version update.
36# add a data in an intent filter.
37#, 38#, 39# add data elements in an intent filter.
40# add a data in an intent filter.
41#, 42# version update.
43# add an activity.
44# add data elements in an intent filter.
45# add a data in an intent filter.
46# add xmlns:tools, tools:ignore="UnusedAttribute", and install location auto.
47#, 48#, 49#, 50#, 51# version update.
52# add data elements in an intent filter.
53# version update. Add data elements in an intent filter.
54# add a data in an intent filter.
55# version update.
56# add data elements in an intent filter.
57# version update.
58# add a data in an intent filter.
59# version update.
60# add data elements in an intent filter.
61# version update.
62# remove data elements from an intent filter.
63# add a data in an intent filter.
64# add data elements in an intent filter.
65#, 66#, 67#, 68#, 69#, 70#, 71#, 72# version update.
73# add data elements in an intent filter.
74# version update.
75# upgrade target sdk from 22 to 23.

76# version update. Add supportsRtl="false".
 77# version update.
 78# add a data in an intent filter.
 79# add an activity.
 80#, 81# version update.
 82#, 83# add data elements in an intent filter.
 84# change copyright.
 85#, 86# version update.
 87# add an activity.
 88# version update.
 89# remove a receiver.
 90#, 91# version update.
 92# change package structure of an activity name and add process in the activity. add a service.
 93# add an activity.
 94# add a use permission.
 95#, 96# version update.
 97# add data elements in two intent filters.

614. <https://github.com/owncloud/android>

Project created date: 2012-08-25

Download in play store: 100,000 - 500,000

Commit period: Sep 16, 2011 to Oct 30, 2017 – 6 yrs. 1 month

Commit number: 282

No. of developers involved: 14 (158, 42, 17, 16, 11, 10, 9, 7, 3, 3, 2, 2, 1, 1)

App components: activity – 22 service – 9 receiver – 3 provider – 4

Exclusive version and uses-sdk related commit: 130

1# remove a service. Add two services.

2# remove a use permission and add a use permission. remove a service.

3# change label of a provider. Add a provider.

4# change resource of a meta-data of a service. Change authorities of two providers. Add a service.

5# change authorities of two providers.

6# remove use permissions. change name of an activity. remove a provider and a service. Add a new service.

7# add target sdk. Change name of an activity. add an activity.

8# change name of an activity. use shorthand and change package structure in 5 activities.

9# remove label and an intent filter from an activity. add an activity.

10# change name of an activity. change package structure of three activities.

11# upgrade target sdk from 10 to 13. Change theme of an activity.

12# add theme and label in an activity.

13# add theme in an activity.

14# add use permissions. add a service. Change name of a provider.

15# add theme in an activity.

16# add exported="true" in an activity.

17# add theme in an activity.

18# add a use permission, a service, and a receiver.
19# add main intent filter in an activity. remove a service and an activity.
20# upgrade min sdk from 7 to 8.
21# add a use permission.
22# add a use permission. add theme and uiOptions in application. Remove theme from an activity.
change theme in an activity. add three activities.
23# add a service.
24# remove uiOptions from application. Change package structure of a service name.
25# add a use permission, a service, and a receiver.
26# remove a use permission.
27# add an intent filter in a receiver.
28# remove theme from an activity.
29# add use permissions.
30# add an activity.
31# - 50# version update.
51# formatting change.
52#, 53#, 54#, 55#, 56#, 57#, 58#, 59#, 60#, 61# version update.
62# add an activity.
63#, 64#, 65#, 66#, 67#, 68# version update.
69# remove use permissions.
70#, 71#, 72#, 73#, 74#, 75#, 76#, 77#, 78#, 79#, 80#, 81#, 82# version update.
83# version update. Remove a receiver.
84# - 105# version update.
106# change package name. remove a service.
107#, 108#, 109#, 110# version update.
111# version update. Add an activity.
112#, 113# version update.
114# add a use permission, a service, and a receiver.
115#, 116#, 117# version update.
118# remove a use permission.
119# remove a receiver and a service.
120# version update.
121# remove an activity.
122# version update.
123# change name of a receiver.
124# revert 119#.
125# add an activity.
126#, 127# version update.
128# add a service.
129# version update.
130# version update. Add an activity.
131# change name of an activity.
132# use shorthand in an activity name. add an activity.
133# version update.

134# add singleTask launch mode and an intent filter in an activity.
135# remove a service.
136# version update.
137# add priority in an intent filter of a service.
138# version update.
139# version update. Add an intent filter in an activity.
140# add a use permission and a service.
141# add an activity.
142#, 143# change copyright.
144# add an activity.
145# change name of an activity. add a new activity.
146# change package structure of an activity name.
147#, 148# version update.
149# add an activity.
150# change scheme of a data.
151# change package structure of a service and an activity names. Remove a service.
152# change package structure of an activity name.
153# add an activity.
154# version update.
155# change copyright.
156# remove a service.
157# add configChanges in two activities.
158# change name of an action and add an intent filter in a receiver.
159# revert 157#.
160# change theme of an activity.
161#, 162#, 163#, 164# version update.
165# add an action in an intent filter of a receiver.
166# version update.
167# add app name. replace string constant with string resource in an authorities of a provider.
168# version update.
169# remove two activities.
170# use shorthand in two activities names.
171# upgrade target sdk from 13 to 19. Add process in a service.
172# change package structure of an activity name.
173# version update.
174# remove process from a service.
175#, 176#, 177# version update.
178# add a service.
179# add scheme in a data of an intent filter. add a data in an intent filter.
180# version update.
181# revert 179#. Add an activity.
182# add configChanges in three activities.
183# revert 182#.
184#, 185#, 186#, 187# version update.

188# use fully qualified name in a service.
189# use shorthand in a service name.
190# remove two activities.
191# remove an activity.
192# remove an activity. add a new activity.
193# add a new activity.
194#, 195# version update.
196# remove an intent filter from a receiver.
197# add a service.
198# add two new activities.
199# change name of an activity.
200# add an activity.
201# version update.
202# add a receiver.
203# remove an activity. add an activity.
204# remove an intent filter from an activity.
205#, 206# version update.
207# version update. Remove an activity.
208# remove an activity.
209# version update.
210# remove a use permission.
211# change name of an activity.
212# upgrade min sdk from 8 to 14.
213# version update.
214# upgrade target sdk from 19 to 22.
215# add theme in an activity.
216# formatting change.
217# change theme of an activity.
218# add an activity.
219# remove an activity.
220# formatting change.
221# change theme of an activity.
222# version update.
223# add use permissions. add a new activity.
224# add singleTop launch mode, an intent filter, and a meta-data in an activity.
225# add a provider. Change resource of a meta-data of an activity.
226# add windowSoftInputMode="adjustResize" in an activity.
227# version update.
228# remove two android:uses-permission from manifest.
229# add manageSpaceActivity in application. Add a manage space activity.
230# change label and add theme in an activity.
231# version update.
232# upgrade target sdk from 22 to 23.
233# remove a use permission.

234# remove a service.
235# remove an intent filter from a receiver.
236# remove an action from an intent filter of a receiver.
237# change theme of an activity.
238# add singleInstance launch mode in an activity.
239# add android:excludeFromRecents="true" in an activity.
240# version update.
241# remove launch mode and add taskAffinity="" from an activity.
242# change name of an activity.
243# version update.
244# add label and theme in an activity.
245# remove label from an activity.
246# change exported to true in a provider. Use shorthand in an authorities of a provider. Add a provider.
247# replace string constant with string resource in authorities of a provider.
248# version update.
249# change copyright.
250# change resource folder of app icon.
251# add xmlns:tools. Upgrade target sdk from 23 to 24. Add android:resizeableActivity="true" and android:supportsPictureInPicture="false" in application.'
252# remove a receiver.
253# remove label from four activities. Add an activity.
254# version update.
255# add a provider.
256# remove xmlns:tools. Add a receiver.
257# version update.
258# change theme in app and an activity. add theme in an activity.
259# add an activity.
260# add theme in an activity.
261# remove theme from an activity.
262# change theme of an activity.
263# remove theme from an activity. add theme in three activities.
264# version update.
265# add two android:uses-permission in manifest. Add an activity.
266# version update.
267# remove two android:uses-permission from manifest.
268# add an activity.
269# add configChanges and singleTop launch mode in an activity.
270# remove an activity. add theme in the activity.
271# remove singleTop launch mode from an activity.
272# add a service.
273# change name of a service.
274# add a service.
275# change theme of an activity.

276#, 277# version update.
278# replace number with placeholder in version name.
279# use fully qualified name in manageSpaceActivity in application.
280# remove an intent filter from an activity.
281# replace number with a placeholder in version code.
282# upgrade target sdk from 24 to 26.

615. <https://github.com/nbossard/packlist>

Project created date: 2015-12-25
Download in play store: 100 - 500
Commit period: Dec 26, 2015 to Nov 6, 2017 – 1 yr. 8 months
Commit number: 16
No. of developers involved: 1
App components: activity – 5 service – receiver – provider –

1#, 2# change package structure in activities names.
3# add app name.
4# add android:fullBackupContent in application.
5# add xmlns:tools. Add tools:ignore="UnusedAttribute" in an activity.
6# change app icon.
7# add an intent filter in an activity.
8#, 9# add an activity.
10# change app icon.
11# add configChanges in an activity.
12# change copyright.
13# add a use permission.
14# revert 13#.
15# add tools:overrideLibrary in manifest. Add <uses-sdk
tools:overrideLibrary="android.support.test.uiautomator.v18"/>.
16# add a setting activity.
17# change copyright.

616. <https://github.com/firetech/PactrackDroid>

Project created date: 2009-09-10
Download in play store: 10,000 - 50,000
Commit period: Jul 7, 2015 to Dec 4, 2016 – 1 yr. 5 months
Commit number: 10
No. of developers involved: 2 (8, 2)
App components: activity – 2 service – 1 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 6

1# remove uses-sdk.
2# change app icon.
3#, 4# version update.
5# change copyright.
6# add android:fullBackupContent="true" in application.

7#, 8# version update.
9# add android:resizeableActivity="true" in application.
10# version update.

617. <https://github.com/mikifus/padland>

Project created date: 2015-01-16

Download in play store: 100 - 500

Commit period: Feb 4, 2015 to Mar 18, 2017 – 2 yrs. 1 month

Commit number: 30

No. of developers involved: 1

App components: activity – 10 service – receiver – provider – 1

Exclusive version and uses-sdk related commit: 10

1# remove a use permission. correct type in a host of a data.

2# version update.

3# add two android:uses-permission inside manifest. Add two activities.

4# no changes.

5# add app theme and change theme in an activity.

6# remove screen orientation and add configChanges in an activity. remove pathPrefix from a data.

7# add a meta-data in app.

8# add logo in app. Revert 7#.

9# change name of a provider.

10# upgrade target sdk from 17 to 21. Change value of maxSdkVersion in two incorrectly placed use permissions. remove parent activity name from four activities.

11# change two data elements in two intent filters. Remove an intent filter.

12# change value of a parent activity meta-data in two activities.

13#, 14# version update.

15# add an activity.

16# version update.

17# version update. Remove android:uses-permission from manifest. Remove an activity.

18# add an activity.

19# version update.

20# add a category and data elements in an intent filter. remove seven intent filters from an activity.

21# remove comments.

22# version update. Add an intent filter in an activity.

23# remove a data and a category from an intent filter. add seven intent filters in an activity.

24# add an activity.

25#, 26# version update.

27# add configChanges in six activities.

28# version update. Upgrade target sdk from 21 to 25.

29# remove version name and uses-sdk.

30# remove version code.

618. <https://github.com/NightWhistler/PageTurner>

Project created date: 2011-12-04

Download in play store:

Commit period: Dec 5, 2011 to Mar 1, 2015 – 3 yrs. 3 months

Commit number: 92

No. of developers involved: 2 (90, 2)

App components: activity – 8 service – receiver – 1 provider –

Exclusive version and uses-sdk related commit: 60

1# remove an activity. add an intent filter in an activity.

2#, 3#, 4#, 5#, 6# version update.

7#, 8# add an activity.

9# version update.

10# add an activity.

11# version update. Add app name.

12# change package structure of 4 activities names.

13# change package structure of activities names. Remove an activity.

14# change labels in three activities.

15# version update.

16# add install location auto in application tag.

17# move install location in manifest tag.

18# version update.

19# add an activity.

20#, 21#, 22# version update.

23# remove an intent filter from an activity.

24# remove an activity.

25# version update.

26# remove an activity.

27# add an activity.

28# version update.

29# add an activity.

30# change pathPattern value in four data elements of an intent filter. remove an intent filter from an activity.

31# revert pathPattern value of 30#.

32#, 33#, 34# version update.

35# remove four data elements and add two new data elements in an intent filter.

36# change value of a mime type and a pathPattern.

37#, 38#, 39#, 40#, 41# version update.

42# add an intent filter in an activity.

43#, 44# version update.

45# upgrade min sdk from 7 to 8. Add target sdk. Add app theme.

46# downgrade min sdk from 8 to 7.

47# revert 46#.

48# repeat 46#.

49# use fully qualified name in activities names. Add an activity.

50# add an intent filter in an activity.

51#, 52#, 53#, 54#, 55#, 56#, 57#, 58# version update.

59# add uiOptions="splitActionBarWhenNarrow" in application.
 60#, 61# version update.
 62# add a receiver.
 63#, 64#, 65# version update.
 66# add an activity.
 67# formatting change.
 68# version update.
 69# change package structure in name of an action.
 70#, 71#, 72#, 73#, 74#, 75# version update.
 76# remove uiOptions="splitActionBarWhenNarrow" in application.
 77# replace string constant with string resource in label of an activity.
 78#, 79#, 80#, 81#, 82#, 83#, 84#, 85#, 86#, 87#, 88#, 89#, 90#, 91# version update.

619. <https://github.com/beli3ver/Paper-FOSS-Theme>

Project created date: 2016-06-17
 Download in play store:
 Commit period:
 Commit number: 0

620. <https://github.com/ValleZ/Paper-Wallet>

Project created date: 2013-07-16
 Download in play store: 10,000 - 50,000
 Commit period: Jul 16, 2017 – 1 day
 Commit number: 1
 No. of developers involved: 1
 App components: activity – 4 service – receiver – provider –

 1# change copyright.

621. <https://github.com/Papuh/PapuhWalls>

Project created date: 2015-09-30
 Download in play store: XXXXXXXX
 Commit period: Dec 27, 2015 to Feb 20, 2016 – 1 month
 Commit number: 2
 No. of developers involved: 1
 App components: activity – 8 service – 2 receiver – 1 provider –

 1# add a use feature. Add two activities, a service, and a receiver.
 2# enable large heap.

622. <https://github.com/jklmnn/ParkenDD>

Project created date: 2014-12-14
 Download in play store: 1,000 - 5,000
 Commit period: Dec 15, 2014 to Aug 3, 2016 – 1 yr. 8 months
 Commit number: 19
 No. of developers involved: 1

App components: activity – 6 service – receiver – provider –

- 1# add an activity.
- 2# add a setting activity.
- 3# change label of an activity.
- 4# add use permissions.
- 5#, 6# add an activity.
- 7# remove an activity.
- 8# add two intent filters in an activity.
- 9# add a new activity and move an intent filter to this activity.
- 10# remove an activity.
- 11# add an activity. change label of an activity and move an intent filter to another activity.
- 12# remove an intent filter from an activity.
- 13# add an activity.
- 14# change app icon.
- 15# remove an activity.
- 16# add app name.
- 17# add use permissions. add an activity.
- 18#, 19# add theme in an activity.

623. <https://github.com/ligi/PassAndroid>

Project created date: 2013-01-23

Download in play store: 1,000,000 - 5,000,000

Commit period: Oct 19, 2015 to Sep 3, 2017 – 1 yr. 10 months

Commit number: 22

No. of developers involved: 1

App components: activity – 12 service – 1 receiver – 1 provider – 1

- 1# change value of pathPatterns in data elements.
- 2# add two intent filters in an activity.
- 3# move two intent filters to another activity.
- 4# add theme in three activities.
- 5# formatting change.
- 6# add <uses-sdk tools:overrideLibrary="com.jakewharton.threetenabp" />. Change pathPattern and mime type values in data elements. Add fourteen intent filters. Add data elements in four intent filters.
- 7# add two intent filters in an activity.
- 8# remove sensorPortrait orientation from an activity.
- 9# add two intent filters in an activity.
- 10# change host and pathPattern values in data elements. Remove an intent filter. add an intent filter in an activity.
- 11# formatting change.
- 12# add an intent filter in an activity.
- 13# add an intent filter in an activity. add a receiver.
- 14# add an intent filter in an activity.
- 15# add an intent filter in an activity. change mime type of a data element. Add a provider.

16#, 17# add an intent filter in an activity.
18# add a use permission sdk-23.
19# add an activity.
20# add a use permission sdk-23. Add exported="true" in an activity.
21# add fourteen intent filters in an activity.
22# add two intent filters in an activity. change host of a data.

624. <https://github.com/cryptofuture/PassCard>

Project created date: 2014-04-26
Download in play store:
Commit period:
Commit number: 0

625. <https://github.com/mwgg/passera>

Project created date: 2014-07-14
Download in play store:
Commit period: Jun 13, 2015 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –

1# add install location auto.

626. <https://github.com/SecUSo/privacy-friendly-passwordgenerator>

Project created date: 2016-11-14
Download in play store: 500 - 1,000
Commit period: Nov 14, 2016 to Mar 11, 2017 – 4 months
Commit number: 9
No. of developers involved: 1
App components: activity – 7 service – receiver – provider –

1# change package structure in 5 activities names.
2# add an activity.
3# remove portrait orientation from four activities.
4# add supports-screens.
5# add an activity.
6# revert 5#.
7# add theme in an activity.
8# add parent name activity and its meta-data in an activity.
9# add a new activity and move a parent activity meta-data to this activity.

627. <https://github.com/zeapo/Android-Password-Store>

Project created date: 2014-08-10
Download in play store: 10,000 - 50,000
Commit period: Jul 28, 2014 to Aug 10, 2017 – 3 yrs. 12 days
Commit number: 28

No. of developers involved: 3 (15, 12, 1)

App components: activity – 8 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# change name of an activity.

2# add three activities.

3# remove use permissions. add parent activity name and its meta-data in three activities.

4# change name of an activity.

5# add version name and code. Add min and target sdk.

6# remove version and uses-sdk. Remove use permissions. remove label from two activities.

7# add a use permission.

8# change package structure of an activity name.

9# change name of an activity.

10# add a use permission and an activity.

11# formatting change.

12# add an activity.

13# add configChanges in two activities.

14# add use permissions, a service, and an activity.

15# change package structure of an activity and a service name.

16# add parent activity name and its meta-data in an activity.

17# add an activity.

18# correct syntax error.

19# add android:documentLaunchMode="intoExisting" and android:excludeFromRecents="true" in an activity.

20# add process in a service.

21# revert 20#.

22# add xmlns:tools. Add tools:replace="android:theme" in application.

23# remove an activity. add a new activity.

24# revert 22#.

25# add xmlns:tools. Add supportsRtl="true". Add tools:ignore="UnusedAttribute" in an activity.

26# add an activity.

27# add an activity.

28# remove an activity.

628. https://github.com/xn--nding-jua/PC_DIMMER_Android

Project created date: 2015-12-12

Download in play store: 1,000 - 5,000

Commit period: Dec 17, 2015 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# add configChanges in an activity.

629. <https://github.com/Swati4star/Images-to-PDF>

Project created date: 2016-02-22

Download in play store: 5 - 10

Commit period: Apr 30, 2016 to Nov 1, 2017 – 6 months

Commit number: 7

No. of developers involved: 3 (5, 1, 1)

App components: activity – 3 service – receiver – provider – 1

1# remove a use permission.

2# enable large heap. Add portrait orientation in an activity.

3# formatting change.

4# add a provider.

5# change screen orientation to sensor in two activities.

6# add an activity.

7# revert 5#.

630. <https://github.com/scoute-dich/PDFCreator>

Project created date: 2016-07-19

Download in play store:

Commit period: Jul 22, 2016 to Mar 31, 2017 – 8 months

Commit number: 26

No. of developers involved: 2 (21, 5)

App components: activity – 8 service – receiver – provider – 1

1# remove an activity. add two new activities.

2# add xmlns:tools. Add tools:ignore="GoogleAppIndexingWarning" in application. Add an activity.

3# add an intent filter in an activity.

4# add android:hardwareAccelerated="false" in application.

5# no changes.

6# change package structure of two activities names. Add a provider.

7# add an intent filter in an activity.

8# remove an intent filter from an activity.

9# remove an intent filter from an activity. add an activity.

10# revert 9#. Remove an activity.

11# add singleTop launch mode in an activity. repeat 9#.

12# remove singleTop launch mode from an activity. add an intent filter in an activity. remove two activities. add two new activities.

13#, 14#, 15#, 16#, 17#, 18#, 19# formatting change.

20# add an intent filter in an activity.

21# add singleInstance launch mode in eight activities.

22# change name of three activities. Remove two activities.

23# remove supportsRtl="false". Add two activities.

24# add a use permission.

25# add an activity.

26# revert 25#.

631. <https://github.com/goexle/peanutEncryption>

Project created date: 2016-03-15

Download in play store: 100 - 500
Commit period: Mar 16, 2016 to Apr 7, 2016 – 21 days
Commit number: 6
No. of developers involved: 1
App components: activity – 7 service – receiver – provider –
Exclusive version and uses-sdk related commit: 2

1# add version name and code. Add min, max, and target sdk.
2# version update. Upgrade min sdk from 10 to 11. Change name of an activity.
3# version update. Add install location internalOnly.
4# remove version name and code. Remove min and target sdk.
5#, 6# add an activity.

632. <https://github.com/j4velin/Pedometer>

Project created date: 2013-11-23
Download in play store: 50,000 - 100,000
Commit period: Jul 28, 2014 to Sep 1, 2017 – 3 yrs. 1 month
Commit number: 30
No. of developers involved: 1
App components: activity – 2 service – 3 receiver – 5 provider –
Exclusive version and uses-sdk related commit: 20

1# version update.
2# formatting change.
3# version update.
4# add a receiver.
5#, 6# version update.
7# remove process from a service and a receiver.
8# version update.
9# remove use-sdk.
10# version update.
11# add a receiver.
12# version update.
13# change app theme.
14# use shorthand in component names.
15#, 16#, 17# version update.
18# add min and target sdk.
19# remove android:theme from tools:replace in application.
20#, 21#, 22# version update.
23# remove two meta-data from app.
24# version update.
25# version update. Upgrade target sdk from 21 to 23. Change theme of an activity.
26# version update.
27# version update. Remove a receiver.
28#, 29#, 30# version update.

633. <https://github.com/SecUso/privacy-friendly-pedometer>

Project created date: 2016-04-28

Download in play store: 5,000 - 10,000

Commit period: Jun 2, 2016 to Sep 3, 2017 – 1 yr. 3 months

Commit number: 31

No. of developers involved: 2 (25, 6)

App components: activity – 13 service – 4 receiver – 5 provider –

1# use fully qualified name in an activity name.

2# add use features. Add two receivers and two services.

3# add a use permission.

4#, 5# add a receiver.

6# remove process from a receiver. Add android:stopWithTask="false" in a service.

7# add theme in an activity. add an activity.

8#, 9# add an activity.

10# change package name.

11# add exported="false", android:enabled="true", and an intent filter in a receiver.

12# add an activity.

13# add parent activity name and its meta-data in an activity. add a new activity.

14# add a receiver.

15# add an activity.

16# change package name. change package name in 7 activities, 5 receivers, and 2 services.

17# add a use permission.

18# add a new activity and make it main activity.

19# change app icon.

20# add supports-screens.

21# add two new activities.

22# add an activity.

23# remove use features.

24# add use permissions and a service.

25# add a receiver.

26#, 27# add an activity.

28# add copyright.

29# add a receiver and a service.

30# remove portrait orientation from two activities.

31# add configChanges in an activity.

634. <https://github.com/bagilevi/android-pedometer>

Project created date: 2010-04-27

Download in play store:

Commit period: May 2, 2009 to Dec 26, 2010 – 1 yr. 7 months

Commit number: 12

No. of developers involved: 2 (7, 5)

App components: activity – 2 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 2

1# add debuggable="true".
2# add a setting activity.
3# add a use permission and a service.
4# remove process and an intent filter from a service.
5# add a use permission.
6# add min sdk. Remove a use permission. remove debuggable="true".
7# add debuggable="true".
8#, 9# version update.
10# change debuggable to false.
11# upgrade min sdk from 2 to 4. Change debuggable to true. Add configChanges in an activity.
12# version update. Add install location auto. Remove debuggable.

635. <https://github.com/Frozen-Developers/android-periodic-table>

Project created date: 2014-07-12

Download in play store: 10,000 - 50,000

Commit period: Dec 19, 2013 to Nov 14, 2015 – 1 yr. 11 months

Commit number: 37

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 9

1# add an activity.
2# add singleTop launch mode in an activity.
3# add configChanges in two activities.
4# upgrade min sdk from 8 to 11.
5# change package name. use fully qualified name in activities names.
6# add install location preferExternal.
7# change name of an activity.
8# downgrade min sdk from 11 to 9.
9# add about activity.
10# remove a category and add an action in an intent filter.
11# remove configChanges from an activity.
12# version update.
13# add configChanges in an activity.
14# revert 13#.
15# add windowSoftInputMode="adjustPan" in activity.
16#, 17# version update.
18# add exported="false" in an activity.
19# change parent activity name in an activity.
20# add supportsRtl="true" in application.
21# upgrade target sdk from 19 to 20.
22# upgrade target sdk from 20 to 21.
23# change app theme.
24# version update.
25# add theme in an activity.

26# change app icon.
27# remove configChanges from an activity.
28# add theme in an activity. change theme of an activity.
29# change theme of an activity.
30# remove version and uses-sdk.
31# remove theme from an activity.
32# add supports-screens.
33# add fullBackupContent="true" in application.
34# add app name.
35# add theme in an activity.
36# add a use permission.
37# add a use permission. Change name and theme of an activity. Remove launch mode and add label in an activity.

636. <https://github.com/arnowelzel/periodical>

Project created date: 2014-02-08
Download in play store: 5,000 - 10,000
Commit period: Dec 27, 2015 to Aug 5, 2017 – 1 yr. 7 months
Commit number: 4
No. of developers involved: 2 (3, 1)
App components: activity – 5 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# remove version name and code.
2# remove uses-sdk. Add fullBackupContent="true" in application.
3# add app theme.
4# add supportsRtl="false".

637. <https://github.com/ebraminio/DroidPersianCalendar>

Project created date: 2012-03-09
Download in play store: 500,000 - 1,000,000
Commit period: Jan 8, 2015 to Jun 10, 2017 – 2 yrs. 5 months
Commit number: 51
No. of developers involved: 3 (24, 24, 3)
App components: activity – 2 service – 2 receiver – 4 provider –
Exclusive version and uses-sdk related commit: 10

1# version update. Upgrade target sdk from 17 to 19. Add debuggable="false". Remove five activities. Add five activities. Remove a receiver and add a receiver. Change name of two receivers. Remove a service. Add two services.
2# remove debuggable="false".
3# version update.
4# remove uses-sdk.
5# remove an activity. change name of a category in an intent filter.
6#, 7#, 8#, 9#, 10#, 11#, 12# version update.
13# add use permissions. add three receivers.

14# add app theme.
15#, 16#, 17#, 18# remove an activity.
19# change package structure of an activity name.
20# remove use permissions.
21# change app icon and its resource folder.
22# remove version name and code.
23# replace string resource with string constant in value of a meta-data.
24# add exported="false" in three receivers. Add an intent filter in a receiver. Add an activity.
25# add a service.
26# add portrait orientation in two activities.
27# change package structure of an activity name.
28#, change package structure of 6 receivers and 2 services.
29# change package structure of 2 receivers and a service.
30# add a receiver.
31# remove a service.
32#, 33# formatting change.
34# remove a receiver.
35# add a receiver. Remove three receivers.
36#, 37# change app theme.
38# change name of an activity.
39# remove comments.
40# change icon in app and three receivers.
41#, 42# add singleTop launch mode in an activity.
43# remove portrait orientation from two activities.
44# add portrait orientation in an activity.
45# add configChanges in two activities.
46# add use permissions and use features.
47# change value of configChanges in two activities. Add locked orientation in an activity. change value of screen orientation to locked in an activity.
48# remove locked orientation from two activities.
49# add excludeFromRecents="true" in an activity.
50# add resizableActivity="true" in an activity.
51# change app label. Remove label from an activity.

638. https://github.com/PGPAuth/PGPAuth_Android

Project created date: 2013-12-20

Download in play store: 1,000 - 5,000

Commit period: May 11, 2017 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# version update.

639. <https://github.com/Mnkai/PGPClipper>

Project created date: 2015-09-26

Download in play store: 1,000 - 5,000

Commit period: Sep 27, 2015 to Oct 18, 2015 – 21 days

Commit number: 8

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – 1 provider –

1# change theme of an activity.

2# add an activity.

3# change package structure of three activities names. Add `excludeFromRecents="true"` in two activities.

4# change app icon.

5# add icon in three activities, a service, and a receiver.

6# add an activity.

7# add a use permission.

8# add theme and icon in an activity.

640. <https://github.com/ScreamingHawk/phone-saver>

Project created date: 2017-05-16

Download in play store: 100 - 500

Commit period: May 19, 2017 to Jul 20, 2017 – 2 months

Commit number: 11

No. of developers involved: 1

App components: activity – 5 service – receiver – 1 provider –

1# add an activity.

2# change package structure of 2 activities names.

3# add use permissions.

4# add an activity.

5# remove an intent filter from an activity.

6# add an activity.

7# remove parent activity name from an activity.

8# change value of mime type in two data elements.

9# add a use permission.

10# add a receiver.

11# add label and theme in an activity. add a setting activity.

641. <https://github.com/quaap/PhoneFoneFun>

Project created date: 2017-07-03

Download in play store: 10 - 50

Commit period: Jul 12, 2017 to Jul 15, 2017 – 3 days

Commit number: 2

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

- 1# add version name and code.
- 2# change package name. version update.

642. <https://github.com/PhotoBackup/client-android>

Project created date: 2015-06-03
Download in play store: 100 - 500
Commit period: Jul 21, 2016 to Aug 3, 2016 – 12 days
Commit number: 2
No. of developers involved: 1
App components: activity – 3 service – 1 receiver – 2 provider –

- 1# change package structure of two activities names.
- 2# use shorthand in app name.

643. <https://github.com/jruesga/PhotoPhase>

Project created date: 2013-07-01
Download in play store: 10,000 - 50,000
Commit period: Oct 11, 2015 to Aug 18, 2017 – 1 yr. 10 months
Commit number: 22
No. of developers involved: 1
App components: activity – 5 service – 2 receiver – 1 provider – 1

- 1# remove version and uses-sdk. Remove original-package tag. Change app icon. Change value of allowBackup to false. Remove an intent filter from an activity.
- 2# add icon in an activity and two categories in an intent filter of the activity.
- 3# add maxSdkVersion in a use permission.
- 4# change app theme. Remove two categories from an intent filter of an activity. add an intent filter in an activity. change theme of an activity.
- 5# remove a use permission.
- 6# remove an intent filter from an activity. add a new activity.
- 7# add xmlns:tools. Add tools:ignore="GoogleAppIndexingWarning" in application.
- 8# add use permissions.
- 9# add an activity alias and move description and an intent filter from an activity to this activity alias.
- 10#, 11# remove an activity.
- 12# add app name.
- 13# add supportsRtl="true".
- 14# remove app name.
- 15# add use permissions, a permission, and a use feature. Add two activities, two services, and a receiver.
- 16# add a provider.
- 17# add a use permission and a permission. add android:writePermission in a provider.
- 18# add round icon. Add UnusedAttribute in tools:ignore in application.
- 19# add extractNativeLibs="false" in application.
- 20# add an intent filter in a service. Remove a service.
- 21# change value of extractNativeLibs to true in application.
- 22# add app name.

644. <https://github.com/MrFlyingToasterman/Pijaret>

Project created date: 2016-08-28

Download in play store:

Commit period:

Commit number: 0

645. <https://github.com/SecUso/privacy-friendly-pin-mnemonic>

Project created date: 2015-10-27

Download in play store: 500 - 1,000

Commit period: Oct 27, 2015 to Nov 4, 2016 – 1 yr.

Commit number: 15

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

1# add portrait orientation in an activity. add two activities.

2# add two activities.

3# move an intent filter and add a label in an activity. remove an activity.

4# add parent activity name in an activity.

5# add two activities.

6# change package name. use fully qualified name in activities names.

7# add an activity. remove six activities.

8# add supports-screens.

9# change package structure of an activity name.

10# add new manifest file.

11# change app icon.

12# remove an activity. add an activity.

13# formatting change.

14# change label of an activity.

15# add portrait orientation in an activity.

646. <https://github.com/maxpower47/PinDroid>

Project created date: 2010-12-17

Download in play store: 10,000 - 50,000

Commit period: Oct 24, 2014 to Nov 14, 2016 – 2 yrs. 20 days

Commit number: 14

No. of developers involved: 1

App components: activity – 11 service – 4 receiver – 2 provider – 1

Exclusive version and uses-sdk related commit: 3

1# add a meta-data and change value of a meta-data in a service.

2# upgrade min sdk from 8 to 14.

3# upgrade target sdk from 18 to 21. remove an activity. add an activity.

4# add parent activity name and its meta-data in an activity.

5# add an activity.

6# remove theme from an activity.

7# remove a receiver. Add an activity.
8# add xmlns:tools. Add tools:replace="android:theme, android:label, android:icon" in application.
Remove an activity.
9# remove an activity.
10# version update.
11# remove version and uses-sdk.
12# change app theme. Add theme in two activities.
13# add an activity.
14# add icon in an activity.

647. <https://github.com/fvasco/pinpoi>

Project created date: 2016-01-04
Download in play store: 500 - 1,000
Commit period: Jan 23, 2016 to Nov 12, 2016 – 9 months
Commit number: 9
No. of developers involved: 1
App components: activity – 5 service – receiver – provider –

1# formatting change.
2# add use permissions. change app theme. Add an intent filter in an activity. add four activities.
3# add a use permission.
4# add two intent filters in an activity.
5# add install location auto. Add a use permission.
6# replace scheme with pathPattern in two data elements.
7# formatting change.
8# add a use feature.
9# add locked screen orientation in two activities.

648. <https://github.com/rnauber/pipepanic-android>

Project created date: 2015-12-19
Download in play store:
Commit period: Dec 19, 2015 to Mar 27, 2016 – 3 months
Commit number: 18
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 13

1# change app icon.
2# version update. Upgrade target sdk from 22 to 23. Add use permissions.
3#, 4#, 5#, 6# version update.
7# version update. Change screen orientation to sensorPortrait in an activity.
8# version update. Change screen orientation to fullSensor in an activity.
9#, 10#, 11#, 12# version update.
13# version update. Change screen orientation to fullUser in an activity.
14#, 15#, 16#, 17#, 18# version update.

649. <https://github.com/lukaslihotzki/pixelflood>

Project created date: 2017-04-25

Download in play store:

Commit period:

Commit number: 0

650. <https://github.com/guardianproject/PixelKnot>

Project created date: 2012-12-08

Download in play store: 100,000 - 500,000

Commit period: Sep 21, 2016 to Nov 1, 2016 – 1 month

Commit number: 2

No. of developers involved: 1

App components: activity – 3 service – 1 receiver – provider – 2

1# add singleTop launch mode in an activity.

2# add android:grantUriPermissions="true" and change exported to false in a provider.

651. <https://github.com/dahlia/muzei-pixiv>

Project created date: 2014-03-03

Download in play store: XXXXXXX

Commit period: Mar 3, 2014 to May 18, 2015 – 1 yr. 2 months

Commit number: 4

No. of developers involved: 2 (2, 2)

App components: activity – 1 service – 1 receiver – provider –

1# add app icon.

2# use shorthand in a service name and a meta-data in the service. Add a setting activity.

3#, 4# add a use permission.

652. <https://github.com/pjuu/droidotter>

Project created date: 2014-10-13

Download in play store: 50 - 100

Commit period: Nov 15, 2014 to May 18, 2016 – 1 yr. 6 months

Commit number: 7

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# add a use permission.

2# add version and uses-sdk.

3# remove version name and code.

4# add a use permission.

5# remove a use permission. upgrade target sdk from 15 to 21.

6# remove max sdk.

7# change package name.

653. <https://github.com/dftec-es/planetcon>

Project created date: 2017-03-08
Download in play store: 1,000 - 5,000
Commit period:
Commit number: 0
No. of developers involved: 1
App components: activity – 5 service – receiver – provider –

654. <https://github.com/playmusicexporter/playmusicexporter>

Project created date: 2016-12-30
Download in play store:
Commit period: Feb 7, 2015 to Apr 22, 2017 – 2 yrs. 2 months
Commit number: 10
No. of developers involved: 3 (5, 4, 1)
App components: activity – 4 service – 3 receiver – provider –

1# change name of an activity. remove an activity. add an activity.
2# add an activity and a service.
3# add android:supportsRtl="true".
4# change package structure of 3 activities names.
5# add a use permission. change name of 2 parent activities. Remove an activity. add an activity.
6# change package name. add a use permission. change values of two meta-data. Use fully qualified name in a parent activity meta-data value. Use shorthand in a service name. add two services.
7# add an activity.
8#, 9# add a use permission.
10# add app name.

655. <https://github.com/Cleveroad/PlayWidget>

Project created date: 2016-08-30
Download in play store:
Commit period:
Commit number: 0

656. <https://github.com/acominos/Plumble>

Project created date: 2013-11-26
Download in play store: 10,000 - 50,000
Commit period: Mar 10, 2014 to Jan 14, 2016 – 1 yr. 10 months
Commit number: 12
No. of developers involved: 2 (11, 1)
App components: activity – 8 service – 1 receiver – provider –

1# remove comments.
2# add a use permission.
3# formatting change.
4# remove configChanges from an activity.
5# formatting change.

6# correct syntax error.
7# add install location auto.
8# add two activities.
9#, 10# add an activity.
11# add theme in four activities.
12# add an intent filter in four activities. Add an activity.

657. <https://github.com/ericzolf/pmtd>

Project created date: 2015-04-12
Download in play store: 1,000 - 5,000
Commit period: Jan 12, 2013 to Nov 9, 2014 – 1 yr. 10 months
Commit number: 25
No. of developers involved: 1
App components: activity – 6 service – receiver – provider –
Exclusive version and uses-sdk related commit: 22

1#, 2#, 3#, 4#, 5#, 6#, 7# version update.
8# version update. Add allowBackup="true".
9# version update. Upgrade target sdk from 9 to 18. Add an activity.
10#, 11#, 12#, 13#, 14# version update.
15# version update. Upgrade target sdk from 18 to 19.
16#, 17# version update.
18# add <!DOCTYPE manifest>.
19#, 20#, 21#, 22#, 23#, 24#, 25# version update.

658. <https://github.com/Utyff/pMetro>

Project created date: 2015-08-08
Download in play store: 10,000 - 50,000
Commit period: Nov 1, 2015 to Jan 8, 2016 – 2 months
Commit number: 7
No. of developers involved: 1
App components: activity – 4 service – receiver – 1 provider –

1# add supportsRtl="true".
2# replace string constant with string resource in label of an activity.
3# add fullBackupContent="true" in application.
4# change theme in two activities.
5# add windowSoftInputMode="adjustPan" in an activity.
6# change app icon.
7# add a receiver.

659. <https://github.com/junjunguo/PocketMaps>

Project created date: 2015-06-12
Download in play store: 1,000 - 5,000
Commit period: Jun 24, 2015 to Oct 17, 2015 – 3 months
Commit number: 19

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 6

1# change theme of an activity.

2# add portrait orientation in two activities.

3# use shorthand in activities names and remove themes from two activities. Add two activities.

4# add theme in two activities.

5# change package structure of an activity name.

6# add theme in an activity. remove an activity and add an activity. remove an activity.

7# add theme in an activity. change theme in an activity. add a setting activity.

8# add a use permission. change theme in app and four activities. Add logo in application. Add a meta-data, two receivers, and two services.

9# add app name. add enabled="true" in a receiver. Add a meta-data in app.

10#, 11#, 12#, 13# version update.

14# version update. Add an activity.

15# add theme and portrait orientation in an activity.

16#, 17# version update.

18# remove app name. remove two meta-data, two receivers, and two services.

19# remove a use permission.

660. <https://github.com/thasmin/Podax>

Project created date: 2011-04-15

Download in play store: 5,000 - 10,000

Commit period: May 24, 2014 to Sep 8, 2014 – 3 months

Commit number: 9

No. of developers involved: 1

App components: activity – 4 service – 4 receiver – 6 provider – 4

Exclusive version and uses-sdk related commit: 8

1#, 2#, 3#, 4#, 5# version update.

6# remove hardwareAccelerated="true".

7#, 8# version update.

9# remove version and uses-sdk.

661. <https://github.com/einmalfel/PodListen>

Project created date: 2015-05-12

Download in play store: 1,000 - 5,000

Commit period: May 5, 2015 to Nov 8, 2017 – 2 yrs. 6 months

Commit number: 44

No. of developers involved: 1

App components: activity – 5 service – 5 receiver – 3 provider – 1

1# change package name.

2# formatting change.

3# add an activity.

4# add theme in an activity.

5# add a service.
6# add app name.
7# add a provider.
8# add a service.
9# add use permissions.
10# add use permissions. add a receiver.
11# add singleTop launch mode in an activity.
12# change app icon.
13# add an action in an intent filter.
14# add a use permission.
15# change package structure in a service name.
16# add a service.
17# add a receiver.
18# remove use permissions. remove two actions and change name of two actions in an intent filter.
19# change launch mode to singleTask in an activity.
20# add three intent filters in an activity.
21# add a receiver.
22# add app theme and change theme of an activity.
23# add an activity.
24# add an action in an intent filter.
25# add an intent filter in an activity.
26# change name of a receiver.
27# add an action in an intent filter.
28# add two actions in an intent filter.
29# add an activity.
30# change app icon.
31# change priority of an intent filter.
32# add an activity.
33# add windowSoftInputMode="adjustResize" in an activity.
34# add a service.
35# change name of a service. Add a new service.
36# remove an action from an intent filter.
37# add an activity.
38# add theme in an activity.
39# add supportsRtl="true".
40# change exported to false in a provider.
41# add xmlns:tools. Add a permission. protect two services with permissions. remove exported="true" from a service.
42# add theme in an activity.
43# change name of three actions in an intent filter.
44# add maxSdkVersion in a use permission.

662. <https://github.com/caarmen/poet-assistant>

Project created date: 2016-02-14

Download in play store: 100,000 - 500,000

Commit period: Feb 14, 2016 to Feb 23, 2017 – 1 yr.

Commit number: 17

No. of developers involved: 1

App components: activity – 7 service – 1 receiver – 2 provider – 2

1# change package name. add android:fullBackupContent in application. Change package structure of an activity name. add theme and launch mode in an activity. add two intent filters and a meta-data in an activity. add two activities (about and license).

2# add an intent filter in an activity.

3# add use permissions.

4# revert 3#.

5# add a data in an intent filter.

6# change launch mode to singleTask.

7# add a setting activity.

8# add a service and a receiver.

9# add a use permission and a receiver.

10# add app name.

11# add a provider.

12# add xmlns:tools. Add tools:ignore="UnusedAttribute" in three activities. Add parent activity meta-data in two activities.

13# add theme in an activity.

14# change package structure of a provider name.

15# add three activities. Replace package name with placeholder in an authorities of a provider.

16# change copyright.

17# add a provider.

663. <https://github.com/raatmarien/Point-and-Hit>

Project created date: 2015-04-16

Download in play store: 100 - 500

Commit period: Mar 22, 2016 to Mar 27, 2016 – 5 days

Commit number: 4

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 4

1#, 2#, 3#, 4# version update.

664. <https://github.com/Tishka17/Point.im-Android>

Project created date: 2014-10-21

Download in play store: 100 - 500

Commit period: Oct 21, 2014 to Mar 18, 2016 – 1 yr. 5 months

Commit number: 28

No. of developers involved: 1

App components: activity – 14 service – 1 receiver – provider –

1# change label of an activity.

2# add singleTask launch mode in an activity. add a new activity.
 3# use shorthand in three activities names. Add a new activity.
 4# add an activity.
 5# add a use permission.
 6# add three intent filters in an activity.
 7# add an activity alias and move three intent filters to this alias from an activity.
 8# add configChanges in four activities.
 9# add a setting activity.
 10# change package structure of 6 activities names.
 11#, 12#, 13# add an activity.
 14# add a service.
 15# add a use permission.
 16# formatting change.
 17# add an activity.
 18# syntax change.
 19# add app name.
 20# change launch mode to singleTop in an activity.
 21# add an activity.
 22# change app icon.
 23# add theme and windowSoftInputMode="adjustResize" in an activity.
 24# change app theme.
 25# add an activity.
 26# formatting change.
 27# add a new activity.
 28# remove parent activity name and add theme in an activity.

665. <https://github.com/beriain/PolarClock>

Project created date: 2016-09-29

Download in play store:

Commit period: Aug 29, 2017 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# remove app theme.

666. <https://github.com/splondike/polipoid>

Project created date: 2013-09-02

Download in play store:

Commit period: May 16, 2015 to Jun 5, 2017 – 2 yrs. 20 days

Commit number: 6

No. of developers involved: 1

App components: activity – 3 service – 1 receiver – 1 provider – 1

Exclusive version and uses-sdk related commit: 5

1# version update.

2# upgrade min sdk from 8 to 10 and target sdk from 18 to 23.
3# add a provider.
4#, 5#, 6# version update.

667. <https://github.com/VelbazhdSoftwareLLC/Politrics>

Project created date: 2015-09-09

Download in play store: 10 - 50

Commit period: Sep 11, 2015 to Nov 1, 2015 – 1 month

Commit number: 2

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

1# add xml encoding. Add an activity.

2# add a use permission. add three new activities. Move main intent filter to a new activity.

668. <https://github.com/huckleberrypie/pollywog>

Project created date: 2017-03-08

Download in play store:

Commit period:

Commit number: 0

669. <https://github.com/Nyubis/Pomfshare>

Project created date: 2015-04-06

Download in play store:

Commit period: Jul 13, 2015 to Nov 30, 2015 – 4 months

Commit number: 3

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# add three android:uses-permission inside manifest. Use shorthand in an activity name. add an activity.

2# remove three android:uses-permission from manifest.

3# version update.

670. <https://github.com/aaronjwood/PortAuthority>

Project created date: 2014-12-12

Download in play store: 100,000 - 500,000

Commit period: Dec 12, 2014 to May 14, 2017 – 2 yrs. 5 months

Commit number: 32

No. of developers involved: 2 (30, 2)

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 16

1# remove a use permission.

2# use shorthand in an activity name. add an activity.

3# change package structure of 2 activities names.

4#, 5# change theme of an activity.
6# change app icon.
7#, 8#, 9#, 10#, 11#, 12#, 13#, 14#, 15#, 16#, 17#, 18# version update.
19# downgrade min sdk from 16 to 14. Upgrade target sdk from 21 to 22.
20#, 21#, 22# version update.
23# remove version and uses-sdk. Change theme and add singleTask launch mode in two activities.
24# remove singleTask launch mode from two activities.
25# remove parent activity name from an activity.
26# change an activity name.
27# add an activity.
28# add a meta-data in app.
29# revert 28#.
30# add an activity.
31# add an activity.
32# change syntax.

671. <https://github.com/xargsgrep/PortKnocker>

Project created date: 2012-05-13
Download in play store: 10,000 - 50,000
Commit period: Feb 8, 2015 to Jan 28, 2017 – 1 yr. 11 months
Commit number: 12
No. of developers involved: 2 (9, 3)
App components: activity – 6 service – receiver – 4 provider – 2

1# remove comments.
2# add app theme.
3# formatting change.
4# no changes.
5# change app icon.
6# no changes.
7# change app theme.
8# add a use permission. add an activity and a provider.
9# change app theme.
10# add allowBackup="true". Remove a receiver. Add four receivers.
11# add an intent filter in an activity.
12# add a use permission. replace string resource with string constant in a mime type of a data. Add an intent filter in an activity. add a provider.

672. <https://github.com/palfrey/postcode>

Project created date: 2010-04-22
Download in play store: 10,000 - 50,000
Commit period: Nov 22, 2015 to Apr 10, 2017 – 1 yr. 4 months
Commit number: 3
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# version update.

2# version update. Upgrade min sdk from 3 to 4.

3# version update.

673. <https://github.com/janoliver/pOT-Droid>

Project created date: 2012-01-05

Download in play store: 1,000 - 5,000

Commit period: Sep 14, 2013 to May 1, 2017 – 3 yrs. 7 months

Commit number: 79

No. of developers involved: 1

App components: activity – 12 service – 1 receiver – 2 provider – 1

Exclusive version and uses-sdk related commit: 47

1# add an activity.

2# downgrade min sdk from 14 to 7. Upgrade target sdk from 18 to 19. Add an activity.

3# add an activity.

4# add a use permission. add two receivers and a service.

5# add a use permission.

6# enable hardware acceleration.

7# add an intent filter in three activities. Remove exported="false" from five activities.

8# add an intent filter in two activities.

9# change package name. version update. Use shorthand in an activity name.

10# formatting change.

11#, 12# version update.

13# add uiOptions="none" in four activities.

14# add about activity.

15#, 16#, 17#, 18#, 19#, 20#, 21#, 22# version update.

23# add configChanges in an activity.

24# version update.

25# change value of pathPrefix in four data of four activities. Remove an intent filter from an activity.

26#, 27#, 28#, 29#, 30#, 31# version update.

32# version update. Remove uses-sdk.

33# add app name.

34# add a comment.

35# add a provider.

36# change app theme.

37# remove configChanges from an activity.

38#, 39#, 40#, 41#, 42# version update.

43# remove uiOptions="splitActionBarWhenNarrow" from application. Add a new activity and make it main activity. remove label and uiOptions and add singleTask launch mode in an activity. add singleTask launch mode in two activities. Add noHistory="true" in an activity. remove uiOptions from three activities.

44# remove noHistory="true" from an activity.

45# version update.

46# remove singleTask launch mode from three activities.
47# add singleTask launch mode in four activities.
48# add singleTask launch mode in an activity.
49#, 50#, 51#, 52#, 53#, 54#, 55# version update.
56# add android:grantUriPermissions="true" in a provider.
57# add install location auto.
58# remove singleTask launch mode from five activities.
59#, 60# version update.
61# add a use permission.
62# add an activity.
63# add configChanges in an activity.
64# version update.
65# replace package name with a placeholder in an authorities in a provider.
66# add an activity.
67#, 68#, 69#, 70#, 71#, 72#, 73#, 74#, 75#, 76#, 77#, 78#, 79# version update.

674. <https://github.com/hrydgard/ppsspp>

Project created date: 2012-11-01
Download in play store: 50,000,000 - 100,000,000
Commit period: Nov 11, 2012 to Nov 29, 2017 – 5 yrs.
Commit number: 68
No. of developers involved: 8 (57, 4, 2, 1, 1, 1, 1, 1)
App components: activity – 2 service – receiver – 1 provider –
Exclusive version and uses-sdk related commit: 43

1#, 2#, 3#, 4#, 5#, 6# version update.
7# add install location auto.
8# version update.
9# add a use permission.
10#, 11# version update.
12# add use permissions.
13# add landscape orientation in an activity.
14# upgrade target sdk from 8 to 11.
15# upgrade target sdk from 11 to 17. Add supports-screens.
16# add allowBackup="true".
17#, 18# version update.
19# revert 13#.
20# repeat 13#.
21#, 22# version update.
23# upgrade target sdk from 17 to 18. Revert 20#.
24# repeat 13#.
25# version update.
26# upgrade target sdk from 18 to 19.
27#, 28# version update.
29# add a use feature.

30# add an activity.
31# revert 24#.
32# add a meta-data in app.
33#, 34#, 35# version update.
36# upgrade min sdk from 8 to 9.
37#, 38#, 39# version update.
40# add logo in app. Add a category in an intent filter of an activity. add a meta-data in app.
41#, 42#, 43# version update.
44# add required="false" in a use feature.
45# upgrade target sdk from 19 to 22. Add use features. Add banner and isGame="true" in application.
46# add navigation in configChanges in an activity.
47#, 48# version update.
49# upgrade target sdk from 22 to 23.
50#, 51# version update.
52# add an intent filter in an activity.
53# remove data elements from an intent filter.
54# version update.
55# upgrade target sdk from 23 to 24.
56# add a receiver.
57#, 58# version update.
59# upgrade target sdk from 24 to 25.
60# add a meta-data in app.
61#, 62#, 63# version update.
64# add resizableActivity="false" in an activity.
65# revert 64#. Remove orientation|fontScale|navigation from configChanges of an activity.
66# add use features and use permissions sdk-23.
67# upgrade target sdk from 25 to 26.
68# version update.

675. <https://github.com/metinkale38/prayer-times-android>

Project created date: 2015-12-31

Download in play store: 100,000 - 500,000

Commit period: Jan 20, 2016 to Aug 31, 2017 – 1 yr. 7 months

Commit number: 45

No. of developers involved: 1

App components: activity – 26 service – 4 receiver – 11 provider – 1

1# change app icon. Remove icon from an activity. change con of five receivers.

2# add an intent filter in an activity.

3# add logo in an activity.

4# add label in two activities.

5# add a use permission.

6# change package structure of an activity name. remove an activity.

7# add an intent filter in a service. Add a receiver.

8# add android:fullBackupContent="true" in application.
9# formatting change.
10# remove a meta-data from app.
11# add copyright.
12# add singleInstance launch mode in an activity.
13#, 14# add a meta-data in app.
15# change label in app, 6 activities, and 4 receivers.
16# add supportsRtl="true". Add an activity alias.
17# add a receiver.
18# add a category in five activity alias. Add a uses-library and five meta-data.
19# add a service. Remove a meta-data from app.
20# formatting change.
21# add an action in an intent filter of a service and a receiver.
22# add a use permission sdk-23.
23# revert 22#.
24# add supportsPictureInPicture="true" and resizableActivity="true" in an activity.
25# add a use permission.
26# add about activity.
27# change value of fullBackupContent in application.
28# add a meta-data and an activity.
29# remove an activity. add a provider.
30# replace string constant with string resource in a value of a meta-data.
31# remove a meta-data from app.
32# add xmlns:tools. Remove fullBackupContent and add tools:replace="android:allowBackup" in application. Replace string constant with string resource in labels of four activities alias. Add two new activity alias.
33# add a receiver.
34# syntax change.
35# change a comment.
36# add nosensor orientation in an activity.
37# change exported to true in a service and replace an intent filter with a new intent filter in the service. Change label of a receiver. Add exported="true" in a receiver. Remove a receiver.
38# remove portrait orientation from eight activities. Add two activity alias.
39# add name and resource in a meta-data.
40# revert 39#.
41# add an activity alias.
42# remove a service and a meta-data.
43# change package structure of an activity name, remove label and window soft, and add exported="true" in the activity. remove five activities. add a new activity. add an intent filter and enabled="false" and remove label, resizableActivity, window soft, and supportsPictureInPicture from an activity. Change seven activities to activity alias and add targetActivity.
44# remove an activity and add an activity. remove exported="true" add an intent filter in an activity.
45# remove exported="true" from an activity and a service. Add a service.

676. <https://github.com/SimonMarquis/Android-PreferencesManager>

Project created date: 2013-05-19

Download in play store: 10,000 - 50,000

Commit period: Feb 17, 2014 to Apr 23, 2016 – 2 yrs. 2 months

Commit number: 10

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# remove version and uses-sdk.

2# add a use permission. add exported="true" in an activity.

3# change app theme.

4# change stateUnchanged to stateHidden in window soft of an activity.

5# remove app name.

6# change app theme.

7# add app name and change app theme.

8# add icon in two activities.

9# revert 8#.

10# add a use permission.

677. <https://github.com/DamienOReilly/PrepayCredit>

Project created date: 2013-08-02

Download in play store: 5,000 - 10,000

Commit period: Aug 22, 2014 to Oct 4, 2016 – 2 yrs. 1 month

Commit number: 6

No. of developers involved: 1

App components: activity – 6 service – 1 receiver – 5 provider –

Exclusive version and uses-sdk related commit: 4

1# version update.

2# change theme in an activity.

3# version update. Remove uses-sdk. Remove app logo. Change theme in four activities.

4#, 5#, 6# version update.

678. <https://github.com/smithdtyler/prettygoodmusicplayer>

Project created date: 2014-08-10

Download in play store: 1,000 - 5,000

Commit period: Aug 17, 2014 to Nov 25, 2016 – 2 yrs. 3 months

Commit number: 74

No. of developers involved: 4 (51, 21, 1, 1)

App components: activity – 5 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 56

1# add an activity.

2# add a service.

3# add a receiver.

4# change package name. use fully qualified name in component names.

5# change package name in an action.
 6# formatting change.
 7# add an intent filter in a receiver.
 8# change app icon. Add icon in a service.
 9#, 10#, 11# version update.
 12# version update. Add singleTask launch mode in an activity.
 13#, 14#, 15#, 16#, 17#, 18# version update.
 19# version update. Change app theme.
 20#, 21#, 22#, 23#, 24#, 25# version update.
 26# version update. Downgrade min sdk from 16 to 11.
 27#, 28#, 29#, 30#, 31# version update.
 32# add xmlns:tools. Add tools:overrideLibrary="android.support.v13" in uses-sdk.
 33# add android:alwaysRetainTaskState="true" in four activities. Remove an activity.
 34# version update. Upgrade min sdk from 11 to 16. Remove android:alwaysRetainTaskState="true" from three activities.
 35#, 36#, 37# version update.
 38# upgrade target sdk from 16 to 19. Add exported="true" in a service.
 39#, 40#, 41#, 42#, 43#, 44#, 45#, 46#, 47#, 48#, 49#, 50#, 51#, 52#, 53# version update.
 54# version update. Remove an intent filter from a receiver.
 55#, 56#, 57#, 58#, 59#, 60#, 61#, 62# version update.
 63# version update. Add a category in an intent filter of an activity.
 64# version update.
 65# add a use permission.
 66# version update.
 67# formatting change.
 68#, 69#, 70#, 71#, 72#, 73#, 74# version update.

679. <https://github.com/bpeel/prevo>

Project created date: 2015-04-28

Download in play store: 5,000 - 10,000

Commit period: Jun 29, 2012 to Apr 7, 2017 – 4 yrs. 9 months

Commit number: 36

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 13

1# add min and target sdk. Change app icon and enable hardware acceleration. Remove an activity. add an activity name.

2# add an activity.

3# change name of an activity.

4# add copyright.

5# add an activity.

6# upgrade min sdk from 4 to 10.

7# version update. Add debuggable="false".

8# version update. Change debuggable to true.

9# add install location auto.
 10# downgrade min sdk from 10 to 7.
 11# change app icon.
 12# version update. Change debuggable to false.
 13# change debuggable to true.
 14# repeat 12#.
 15# repeat 13#.
 16# repeat 12#.
 17# repeat 13#
 18#, 19# add an activity.
 20# repeat 12#.
 21#, 22#, 23# version update.
 24# repeat 13#.
 25# change debuggable to false.
 26#, 27# version update.
 28# repeat 13#.
 29# repeat 25#.
 30#, 31# version update.
 32# remove debuggable="false".
 33#, 34#, 35#, 36# version update.

680. <https://github.com/quaap/Primary>

Project created date: 2016-12-02

Download in play store:

Commit period: Dec 15, 2016 to Oct 11, 2017 – 10 months

Commit number: 30

No. of developers involved: 1

App components: activity – 11 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# move main intent filter to another activity. add parent activity name in an activity.
 2# add version name and code. Add a use permission.
 3# change name of an activity and a parent activity name in an activity.
 4# change package structure of 2 activities names.
 5# change an activity name and a parent activity name.
 6# add parent activity name. add an activity. move an intent filter.
 7# change app icon.
 8# syntax change.
 9# change name of a two activities and a parent activity name.
 10# add about activity.
 11# remove parent activity name from an activity.
 12# add an activity.
 13# add two new activities.
 14# change name of two activities and a parent activity name in an activity.
 15# add an activity.

16# version update.
17# remove an activity.
18# change name of an activity.
19# add a setting activity.
20# add app name.
21# add two new activities.
22# change package structure of two activities names and a parent activity name.
23# remove an activity. add an activity. change parent activity name in three activities. Remove two activities.
24# add an activity.
25# version update. Add an activity.
26# change package structure of an activity name.
27# add an activity.
28#, 29# version update.
30# add configChanges in six activities.

681. <https://github.com/wolpi/prim-ftp>

Project created date: 2012-06-03
Download in play store: 10,000 - 50,000
Commit period: Jun 4, 2012 to Jun 11, 2017 – 5 yrs.
Commit number: 64
No. of developers involved: 2 (61, 3)
App components: activity – 8 service – 4 receiver – 4 provider – 1
Exclusive version and uses-sdk related commit: 39

1# add a use permission.
2# change debuggable to false.
3# version update.
4# version update. Add target sdk. Remove debuggable="false". Add allowBackup="false".
5#, 6#, 7#, 8#, 9# version update.
10# upgrade target sdk from 7 to 17.
11# upgrade min sdk from 7 to 16.
12# formatting change.
13#, 14#, 15#, 16#, 17#, 18#, 19#, 20#, 21# version update.
22# use fully qualified name in a service name.
23# add a service.
24# use fully qualified name in an activity name.
25# upgrade target sdk from 17 to 21. Add app theme.
26#, 27#, 28#, 29#, 30#, 31# version update.
32# add an activity.
33# add label in an activity.
34# remove app theme.
35# remove an activity. add two activities.
36#, 37# version update.
38# add a use permission and a receiver.

39# add a receiver.
40#, 41#, 42#, 43#, 44#, 45#, 46# version update.
47# add a service.
48#, 49#, 50#, 51# version update.
52# upgrade target sdk from 21 to 23. Add singleTop launch mode in an activity.
53# downgrade min sdk from 16 to 15. Upgrade target sdk from 21 to 22.
54# add a receiver.
55# add a receiver. Add an action in an intent filter of an activity.
56# remove an action from an intent filter of an activity. add a new activity.
57# change name of a receiver and add an action in an intent filter of the receiver. Add an activity.
58#, 59# version update.
60# remove version and uses-sdk. Add a service.
61#, 62# change label of a service.
63# add two activities and a provider.
64# remove an activity. add an activity.

682. <https://github.com/andviane/prism>

Project created date: 2014-06-21
Download in play store: 5,000 - 10,000
Commit period: Jan 28, 2017 to Jul 16, 2017 – 5 months
Commit number: 2
No. of developers involved: 1
App components: activity – 6 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# version update.
2# version update. Add install location auto. Add hardwareAccelerated="false".

683. <https://github.com/oe1rfc/CampFahrplan>

Project created date: 2016-10-13
Download in play store: 10,000 - 50,000
Commit period: Oct 24, 2014 to Dec 24, 2014 – 2 months
Commit number: 10
No. of developers involved: 1
App components: activity – 6 service – 1 receiver – 3 provider –
Exclusive version and uses-sdk related commit: 1

1# formatting change.
2# remove version and uses-sdk.
3# add an activity.
4# remove app logo.
5# remove an activity. add an activity.
6#, 7#, 8# add theme in an activity.
9# add an activity.
10# add singleTop launch mode in an activity.

684. <https://github.com/brarcher/protect-baby-monitor>

Project created date: 2015-12-26

Download in play store: 1,000,000 - 5,000,000

Commit period: Sep 13, 2017 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# upgrade min sdk from 17 to 8. Downgrade target sdk from 17 to 8.

685. <https://github.com/phpsysinfo/psiandroid>

Project created date: 2014-02-26

Download in play store: 50,000 - 100,000

Commit period: May 24, 2015 – 1 day

Commit number: 2

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 2

1# version update. Upgrade target sdk from 21 to 22.

2# version update.

686. <https://github.com/PuffOpenSource/Puff-Android>

Project created date: 2016-09-13

Download in play store: 100 - 500

Commit period: Mar 23, 2016 to Oct 9, 2016 – 6 months

Commit number: 32

No. of developers involved: 1

App components: activity – 15 service – 2 receiver – provider –

1# add android:hardwareAccelerated="true" in an activity.

2# formatting change.

3# change label of an activity. add an activity.

4# change theme of an activity and add theme in an activity.

5# add an activity. Add windowSoftInputMode="stateHidden" in two activities. Change theme of an activity.

6# add a use permission.

7# formatting change.

8# add use permissions. add an activity.

9# add an activity.

10# change label of two activities.

11# change theme of two activities.

12# remove use permissions. enable large heap.

13# change label of an activity.

14# add theme and window soft in an activity.

15# add adjustPan in a window soft of an activity.

16# add adjustPan in window soft of four activities. Add an activity.
17# add a window soft in an activity.
18# add theme in an activity.
19# add two services.
20# remove a service. Add a service.
21# add an activity.
22# add label in an activity.
23# change label of a service.
24# add a use permission and an activity.
25# add a setting activity.
26# change theme of an activity.
27#, 28# add an activity.
29# add a use permission.
30# add portrait orientation in all the 15 activities.
31# change theme of an activity.
32# remove label from three activities.

687. <https://github.com/chrisboyle/sgtpuzzles>

Project created date: 2009-11-01

Download in play store: 100,000 - 500,000

Commit period: Aug 4, 2014 to Dec 22, 2016 – 2 yrs. 4 months

Commit number: 34

No. of developers involved: 2 (29, 5)

App components: activity – 7 service – receiver – provider – 1

Exclusive version and uses-sdk related commit: 8

1# remove uses-sdk.
2# change app icon.
3# add theme in three activities.
4# version update.
5# change theme in three activities.
6# change label in an activity.
7# add theme in an activity. add an activity.
8# add parent activity name and its meta-data in an activity.
9# change theme in three activities.
10# change app icon and add app logo.
11# add parent activity name and its meta-data in an activity.
12# change parent activity name in an activity. split an activity into two activities.
13# add an activity.
14# add configChanges in an activity.
15#, 16# version update.
17# add exported="true" in two activities and exported="false" in two activities.
18#, 19# version update.
20# change app icon.
21# version update.

22# add xlargeScreens in supports-screens.
23# remove version name and code.
24# add maxSdkVersion in a use permission. add an intent filter in an activity.
25# add a use permission and a use feature. Add an intent filter in an activity.
26# change mime type of two data in two intent filters.
27# add a use permission. remove maxSdkVersion from a use permission. add an action and a category in an intent filter. remove an intent filter and add a new intent filter in an activity. add a provider.
28# remove uses-configuration tags. Add use features.
29# add an intent filter in an activity.
30# change value of pathPattern in two data elements of two intent filters.
31# merge two intent filters and add data elements.
32# add AllowBackup in tools:ignore in application.
33# add android:extractNativeLibs="true" in application. Add tools:ignore="GoogleAppIndexingWarning" in an intent filter.
34# remove a use feature.

688. <https://github.com/moezbhatti/qksms>

Project created date: 2015-02-21

Download in play store: 100,000 - 500,000

Commit period: Aug 30, 2015 to Aug 27, 2016 – 1 yrs.

Commit number: 31

No. of developers involved: 4 (26, 2, 2, 1)

App components: activity – 30 service – 13 receiver – 15 provider –

1# remove an intent filter from an activity. add an intent filter in an activity.
2# add a service.
3# remove process from a service.
4# add a meta-data in app.
5# add a service.
6# remove an activity.
7# add a category in an intent filter of an activity. add a uses-library and five meta-data.
8# add an activity.
9# add windowSoftInputMode="adjustResize" in an activity.
10# split an intent filter in two and move an intent filter to another activity.
11# add a category in an intent filter of an activity.
12# add singleTask launch mode in an activity.
13# add a setting activity.
14# add an activity.
15# add windowSoftInputMode="adjustResize" in two activities. Add an activity.
16# revert 10#.
17# remove singleTask launch mode and stateUnchanged from window soft of an activity.
18# add singleTop launch mode in an activity.
19# change name of a receiver.
20# add a receiver.

21# revert 20# add a service.
22# remove a service.
23# revert 22#.
24# add user orientation in seven activities and portrait orientation in an activity.
25# change icon in app, an activity, and nineteen activity alias. Change enabled value to false in an activity alias. Add enabled="true" in an activity. add two new activity alias.
26# add configChanges="orientation|screenSize" in seven activities. Add a receiver.
27# remove configChanges="orientation|screenSize" from seven activities.
28# change icon in nineteen activity alias.
29# protect a receiver with a permission.
30# add exported="false" in five receivers.
31# remove use permissions.

689. <https://github.com/SecUSo/privacy-friendly-qr-scanner>

Project created date: 2015-09-28

Download in play store: 10,000 - 50,000

Commit period: Nov 20, 2015 to Jan 25, 2017 – 1 yrs. 2 months

Commit number: 7

No. of developers involved: 2 (4, 3)

App components: activity – 3 service – receiver – provider – 1

1# correct a syntax typo.
2# change app icon. Add supportsRtl="true". Remove icon and add theme in an activity.
3# add a new activity and make it main activity. change icon of an activity.
4# remove version name and code. Add portrait orientation in an activity.
5# add a use permission.
6# remove an activity.
7# remove unwanted syntax.

690. <https://github.com/xloem/qstream>

Project created date: 2015-05-02

Download in play store:

Commit period: May 10, 2015 to Jul 26, 2015 – 2 months

Commit number: 4

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

1# add a setting activity.
2# change mime type value in a data.
3# add theme in an activity.
4# remove label from four activities. Add sensorLandscape orientation in an activity.

691. <https://github.com/sandsmark/QuasselDroid>

Project created date: 2011-01-31

Download in play store: 10,000 - 50,000

Commit period: May 20, 2013 to Nov 16, 2015 – 2 yrs. 6 months

Commit number: 34

No. of developers involved: 4 (19, 13, 1, 1)

App components: activity – 6 service – 2 receiver – provider –

Exclusive version and uses-sdk related commit: 18

1#, 2#, 3# version update.

4# add a service.

5# version update. Upgrade target sdk from 15 to 19.

6# add install location auto.

7# formatting change.

8# version update.

9# remove singleTask launch mode from an activity.

10#, 11#, 12#, 13#, 14#, 15#, 16#, 17#, 18# version update.

19# upgrade min sdk from 7 to 11. Change app theme.

20# upgrade min sdk from 11 to 16. Change app theme.

21# change app theme.

22# downgrade min sdk from 16 to 14.

23# change app icon.

24# version update. Remove uses-sdk. Change app theme. Add singleTask launch mode in an activity.

25# add windowSoftInputMode="stateHidden" in an activity.

26# add supportsRtl="true".

27# change app description.

28#, 29# version update.

30# remove an activity.

31# change name of an activity. add two new activities.

32# add an activity. remove two activities.

33# add a new activity.

34# remove version name and code.

692. <https://github.com/Ohmnibus/quick-dice-roller>

Project created date: 2015-03-14

Download in play store: 100,000 - 500,000

Commit period: Mar 11, 2016 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 9 service – receiver – provider – 1

Exclusive version and uses-sdk related commit: 1

1# remove version and uses-sdk.

693. <https://github.com/rosenpin/QuickDrawEverywhere>

Project created date: 2017-07-29

Download in play store: 100 - 500

Commit period: Jul 30, 2017 to Sep 8, 2017 – 1 month

Commit number: 4

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – provider –

1#, change package structure of 2 activities and a service.

2# change package structure of 2 activities and a service.

3# add xmlns:tools. Add tools:replace="android:label" in application.

4# remove tools:replace="android:label" from application.

694. <https://github.com/rdoeffinger/Dictionary>

Project created date: 2015-08-19

Download in play store: XXXXXXX

Commit period: Feb 23, 2009 to Nov 17, 2017 – 8 yrs. 8 months

Commit number: 102

No. of developers involved: 5 (60, 39, 1, 1, 1)

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 66

1# change name of an activity.

2#, 3#, 4# add an activity.

5# add a use permission. add min sdk.

6#, 7# version update.

8# add an activity, a uses-library, and an instrumentation.

9# version update.

10# version update. Upgrade min sdk from 2 to 4. Add use permissions. add window soft in an activity.

11# version update. Remove uses-sdk and use permissions. remove window soft from an activity. remove four activities, a uses-library, and an instrumentation.

12# version update. Add min sdk and uses permissions. add four new activities.

13# version update. Add theme and backupAgent in application. Add a meta-data in app. Add two new activities. Move an intent filter.

14# remove an activity.

15# add install location auto. Add a use permission.

16# formatting change.

17# version update. Remove a use permission. remove backupAgent and add name in application. Change app theme. Add configChanges in an activity.

18# change in a comment.

19# version update. Change install location to preferExternal. add supports-screens.

20# add a use feature.

21# version update.

22# change name of an activity.

23# add an activity.

24#, 25# version update.

26# version update. Change install location to auto.

27#, 28# version update.

29# add target sdk.

30# downgrade target sdk from 15 to 4.

31# version update. Change name of an activity.

32# upgrade target sdk from 4 to 16. Remove supports-screens.
33# version update.
34# formatting change.
35# version update.
36# upgrade min sdk from 4 to 10 and target sdk from 16 to 17. Add allowBackup="true" and change app theme. Change name of an activity.
37# add label and two intent filters in an activity.
38# upgrade target sdk from 17 to 19.
39# add parent activity name and its meta-data in four activities.
40#, 41# version update.
42# change app theme.
43# - 77# version update.
78# add an intent filter in an activity.
79# version update. Move an intent filter to another activity.
80# version update. Upgrade target sdk from 19 to 23.
81# version update.
82# add a use feature. Add banner in application. Add an intent filter in an activity.
83# version update.
84# add windowSoftInputMode="adjustResize" in an activity.
85#, 86#, 87# version update.
88# add resizableActivity="true" in application.
89# add supportsRtl="true".
90#, 91#, 92#, 93# version update.
94# version update. Remove app name.
95# version update. Upgrade target sdk from 23 to 25.
96# add an intent filter in an activity.
97# add six intent filters in an activity. split an intent filter into four intent filters.
98#, 99#, 100#, 101#, 102# version update.

695. <https://github.com/himmele/quickdroid>

Project created date: 2015-09-29
Download in play store: 10,000 - 50,000
Commit period:
Commit number: 0

696. <https://github.com/QuickLyric/QuickLyric>

Project created date: 2014-03-15
Download in play store: 500,000 - 1,000,000
Commit period: Jun 28, 2014 to Jul 19, 2017 – 3 yrs.
Commit number: 40
No. of developers involved: 3 (36, 2, 2)
App components: activity – 4 service – 3 receiver – 3 provider –

1# add <uses-sdk tools:node="replace" />.

2# add singleTask launch mode in an activity. add four intent filters in an activity. change name of an action in an intent filter of a receiver.

3# change label of an intent filter.

4# remove a use permission and <uses-sdk tools:node="replace" />.

5# change app theme.

6# remove version code. Use shorthand in app name and remove logo. Use shorthand in an activity and a receiver name. add stateUnchanged in window soft, an intent filter, and two meta-data in an activity.

7# change host in a data.

8# add an action in an intent filter of a receiver.

9# change package name.

10# add an intent filter in an activity.

11# change host and pathPattern in two data elements of an intent filter.

12# add an intent filter in an activity.

13# add three action elements in an intent filter of a receiver.

14# add an action in an intent filter of a receiver.

15# add action elements in an intent filter of a receiver.

16# remove three action elements from an intent filter of a receiver. Add a receiver.

17# add a use permission. add an intent filter in an activity. add a service.

18# remove an action from an intent filter of a receiver.

19# add action elements in an intent filter of a receiver.

20# add a receiver.

21# change icon in app, service, and intent filter.

22# add an activity.

23# add a provider.

24# change launch mode to singleTop in an activity.

25# add an action in an intent filter of a receiver.

26# add a use permission. change stateUnchanged to stateHidden in a window soft.

27# add fullBackupContent="true" in application. Change pathPattern value in a data. Add a setting activity.

28# add an intent filter in an activity.

29# remove four intent filters from an activity.

30# remove a provider.

31# add a service.

32# add about activity.

33# add theme in an activity.

34# add enabled="false" in a receiver.

35# add a meta-data in an activity.

36# add round icon in app.

37# use shorthand in a receiver name and parent activity name in two activities. Add a service.

38# change value of fullBackupContent in application.

39# remove a service.

40# add use permissions. add a service.

697. <https://github.com/scoute-dich/QuitSmoking>

Project created date: 2016-06-09

Download in play store:

Commit period: Aug 17, 2016 to Mar 31, 2017 – 7 months

Commit number: 8

No. of developers involved: 2 (5, 3)

App components: activity – 6 service – receiver – provider – 1

1# add xmlns:tools. Add tools:ignore="GoogleAppIndexingWarning" in application.

2# no changes.

3# add an activity and a provider.

4# remove supportsRtl="false". Add three new activities.

5# add an activity. remove an intent filter from an activity. change name and theme and remove an intent filter from an activity.

6# add a use permission. add an activity.

7# add an intent filter in an activity.

8# remove two activities.

698. <https://github.com/cesarvaliente/quitesleep>

Project created date: 2015-03-23

Download in play store: 10,000 - 50,000

Commit period:

Commit number: 0

No. of developers involved: 1

App components: activity – 9 service – 2 receiver – 3 provider –

699. <https://github.com/frrahat/Quran-For-My-Android>

Project created date: 2015-02-25

Download in play store:

Commit period: Apr 25, 2015 to Jun 11, 2016 – 1 yr. 1 month

Commit number: 11

No. of developers involved: 1

App components: activity – 12 service – receiver – provider –

Exclusive version and uses-sdk related commit: 7

1# version update. Add use permissions. add five activities.

2# version update. Add windowSoftInputMode="adjustPan" in an activity. remove parent activity name and its meta-data from an activity. add two new activities.

3#, 4# version update.

5# version update. Add an activity.

6# version update. Remove windowSoftInputMode="adjustPan" from an activity.

7#, 8#, 9#, 10# version update.

11# version update. Upgrade target sdk from 21 to 23.

700. <https://github.com/andybalaam/rabbit-escape>

Project created date: 2014-07-10
Download in play store: 100 - 500
Commit period: Sep 27, 2014 to Jan 13, 2017 – 2 yrs. 3 months
Commit number: 9
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –
Exclusive version and uses-sdk related commit: 2

- 1# add an activity.
- 2# add install location preferExternal.
- 3# add an activity.
- 4# add version name and code.
- 5# change package name.
- 6# add min and target sdk. Use fully qualified name in activities names.
- 7# add supports-screens.
- 8# remove version and uses-sdk.
- 9# replace resource with a placeholder in app icon.

701. <https://github.com/mrksbrg/RacketGhost>

Project created date: 2013-11-05
Download in play store: 100 - 500
Commit period: Jul 29, 2015 to Jul 12, 2016 – 11 months
Commit number: 12
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –
Exclusive version and uses-sdk related commit: 5

- 1# change package name. use fully qualified name in an activity.
- 2# use shorthand in an activity name. add an activity.
- 3# add a new activity.
- 4# add portrait orientation in an activity.
- 5# change package name. use fully qualified names in activities names.
- 6# add version name and code. Correct package name in 3 activities names.
- 7#, 8#, 9#, 10# version update.
- 11# remove version name and code.
- 12# add a new activity and make it main activity. use shorthand in activities names.

702. <https://github.com/openbmap/radiocells-scanner-android>

Project created date: 2015-08-01
Download in play store:
Commit period: Jun 12, 2015 to Sep 14, 2016 – 1 yr. 3 months
Commit number: 21
No. of developers involved: 1
App components: activity – 14 service – 4 receiver – provider – 1
Exclusive version and uses-sdk related commit: 12

- 1# version update. Change app theme.

2# version update.
3# version update. Add an activity.
4# upgrade min sdk from 9 to 14. Change app icon. Use shorthand in component names. Add theme in an activity. add a service.
5#, 6#, 7# version update.
8# add android:hardwareAccelerated="false".
9# version update.
10# replace string constant with string resource in nine activities labels. Change label of an activity.
11# change name of an activity. change package structure in two services names.
12#, 13#, 14#, 15# version update.
16# change name of a provider.
17# version update.
18# add a use permission.
19# remove uses-sdk.
20# enable hardware acceleration.
21# version update.

703. <https://github.com/segler-alex/RadioDroid>

Project created date: 2013-01-13

Download in play store: 5,000 - 10,000

Commit period: Mar 22, 2016 to Oct 30, 2017 – 1 yr. 7 months

Commit number: 19

No. of developers involved: 5 (13, 3, 1, 1, 1)

App components: activity – 3 service – 1 receiver – 3 provider –

Exclusive version and uses-sdk related commit: 3

1# change package name. version update. Change package name in 2 activities and a service.
2# version update.
3# remove uses-sdk. Change allowBackup to false. Change app theme. Add label, parent activity name and its meta-data in an activity.
4# formatting change.
5# version update.
6# remove version name and code.
7# change app theme.
8# add a receiver.
9# add use permissions and a receiver.
10# change name of two activities. Remove parent activity name and its meta-data from an activity. add an activity.
11# add a use permission.
12# add noHistory="true" in an activity.
13# add a meta-data in app.
14# revert 13#.
15# add use permissions.
16# add an intent filter in a service. Add a receiver.
17# replace string constant with string resource in label of an activity.

18# add app name. add singleton launch mode in an activity.
19# change launch mode to singleTask in an activity.

704. <https://github.com/sanderbaas/rainalarm-android>

Project created date: 2015-03-07

Download in play store: 1,000 - 5,000

Commit period: Mar 10, 2015 to Oct 2, 2017 – 2 yrs. 6 months

Commit number: 15

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 14

1#, 2#, 3# version update.

4# version update. Upgrade min sdk from 7 to 14.

5#, 6#, 7#, 8# version update.

9# version update. Add supportsRtl="true". Change name and theme of an activity. upgrade target sdk from 19 to 23.

10#, 11#, 12#, 13#, 14#, 15# version update.

705. <https://github.com/OEP/rainwave-android>

Project created date: 2011-07-27

Download in play store: XXXXXXXX

Commit period: Jul 29, 2011 to Dec 14, 2015 – 4 yrs. 4 months

Commit number: 27

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 15

1# add a use permission.

2# add a new activity.

3# add target sdk. Add a duplicate uses-sdk. Add supports-screens.

4#, 5# version update.

6# change app icon.

7# version update.

8# add an action, two categories, and a data in an intent filter of an activity.

9# add an intent filter in an activity. remove an action and a category from an intent filter.

10# remove a category from an intent filter of an activity. add a new activity.

11# add app theme.

12# add an activity.

13# version update. Upgrade min sdk from 3 to 7 and target sdk from 4 to 7.

14#, 15# version update.

16# remove a duplicate uses-sdk. Upgrade target sdk from 4 to 8. Add a service.

17# upgrade min sdk from 3 to 5.

18#, 19#, 20#, 21#, 22# version update.

23# upgrade target sdk from 8 to 20.

24# add allowBackup="true".

25# remove app theme.
26#, 27# version update.

706. <https://github.com/eidottermihi/rpicheck>

Project created date: 2013-01-20
Download in play store: 100,000 - 500,000
Commit period: Mar 5, 2015 to Aug 28, 2017 – 2 yrs. 5 months
Commit number: 31
No. of developers involved: 2 (27, 4)
App components: activity – 9 service – 1 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 19

1# remove version and uses-sdk.
2# remove an activity.
3# formatting change.
4# add an activity and a receiver.
5# remove a comment.
6# use fully qualified name in an activity and a receiver name.
7#, 8#, 9#, 10#, 11#, 12#, 13# version update.
14# remove version name.
15#, 16#, 17#, 18#, 19#, 20#, 21# version update.
22# add maxSdkVersion in a use permission.
23# add xmlns:tools. Add a use permission. add fullBackupContent in application.
24# add a use permission.
25# remove a use permission. remove maxSdkVersion from a use permission. add a new activity.
26# remove a use permission.
27# add a service.
28# formatting change.
29#, 30#, 31# version update.

707. <https://github.com/engSERGIU/React>

Project created date: 2016-09-24
Download in play store:
Commit period: Oct 23, 2016 to Oct 30, 2016 – 7 days
Commit number: 2
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

1# change package name. use fully qualified name in activities names.
2# add a use permission.

708. <https://github.com/jonasbleyl/Recurrence>

Project created date: 2015-08-20
Download in play store: 10,000 - 50,000
Commit period: Aug 21, 2015 to May 16, 2016 – 8 months
Commit number: 19

No. of developers involved: 1

App components: activity – 8 service – receiver – 6 provider –

1# change theme in three activities.

2# remove label from an activity. remove an activity.

3# change name of an activity.

4# change package structure in 5 activities and 2 receivers.

5# add fullBackupContent="false". Remove parent activity meta-data from four activities.

6# change theme of an activity.

7# add two receivers.

8# change value of fullBackupContent in application.

9# add theme in an activity.

10#, 11# add a receiver.

12# add a use permission. add two new activities.

13# change package structure of 5 activities names.

14# change theme of an activity. add a new activity.

15# remove label from an activity.

16# formatting change.

17# change package structure in 2 activities names.

18# add install location auto.

19# revert 18#.

709. <https://github.com/LibreShift/red-moon>

Project created date: 2016-03-16

Download in play store: 500 - 1,000

Commit period: Jun 20, 2015 to Sep 29, 2017 – 2 yrs. 3 months

Commit number: 46

No. of developers involved: 8 (21, 14, 5, 2, 1, 1, 1, 1)

App components: activity – 6 service – 3 receiver – 5 provider –

1# add theme in an activity.

2# remove theme and change label of an activity.

3# change package structure of an activity. add a service.

4# add a use permission.

5# add a use permission and a receiver.

6# change package name. use fully qualified name in component names.

7# add supportsRtl="true".

8# add a receiver.

9# add a use permission.

10# add an activity.

11# add a receiver.

12# add a use permission.

13# add copyright.

14# add an action in an intent filter of a receiver.

15# add an activity.

16# add theme in an activity.

17# add a receiver.
 18# add an activity.
 19# add use permissions.
 20# add an activity.
 21# remove a parent activity meta-data from an activity.
 22# add an intent filter in an activity.
 23# add app name. remove enabled="true" from a service. Add a new service.
 24# change name and label of an activity. Remove an activity.
 25# add a service.
 26# remove a receiver. Add two new activities.
 27# use shorthand in activities names. Change two action name in two intent filters of two activities.
 28# correct syntax errors.
 29# change copyright.
 30# change name and label of an activity. change parent activity name in two activities.
 31# add a receiver.
 32# replace a use permission with another.
 33# change app theme.
 34# remove an activity.
 35# add about activity.
 36# change name and icon of a service.
 37# change two action names in two intent filters of two activities.
 38# change labels of activities.
 39# add an intent filter in an activity.
 40# use shorthand in parent activities names. Change name of two actions in two intent filters of two activities.
 41# change package structure in app, 6 activities, 3 services, and 4 receivers.
 42# use shorthand in component names. Change package structure of a parent activity name.
 remove a service. Add a service.
 43# change name of a receiver. Change name, label, and an action of an activity.
 44# remove an intent filter from two activities.
 45# change package structure of 5 activities, a service, and 2 receivers.
 46# add a receiver.

710. <https://github.com/micwallace/reddinator>

Project created date: 2013-03-15

Download in play store: 50,000 - 100,000

Commit period: Dec 23, 2013 to May 14, 2017 – 3 yrs. 4 months

Commit number: 100

No. of developers involved: 2 (97, 3)

App components: activity – 18 service – 2 receiver – 5 provider – 1

Exclusive version and uses-sdk related commit: 52

1# upgrade target sdk from 17 to 19.

2# syntax change.

3# change name of three activities.

4# add a new activity. use fully qualified name in activities names.
5#, 6#, 7# version update.
8# add debuggable="true". Add a new activity.
9# remove debuggable="true".
10# syntax changes.
11# remove uses-sdk.
12# version update.
13# add an activity.
14# syntax change.
15# version update.
16# enable hardware acceleration.
17# change name of an activity.
18# use shorthand in an activity name.
19# add a use permission. change name of a service. Add a service and two receivers.
20# version update.
21# use shorthand in app and components names. Add two activities.
22# add an activity.
23# add windowSoftInputMode="adjustPan" and a data in an intent filter of an activity.
24#, 25#, 26#, 27#, 28#, 29#, 30#, 31#, 32# version update.
33# move an intent filter in another activity.
34#, 35#, 36#, 37#, 38# version update.
39# change app name. change package structure of 10 activities, 2 services, and 3 receivers.
40# add an action in an intent filter of a receiver.
41# add a use permission.
42#, 43# version update.
44# replace string constant with string resource in label of an intent filter.
45# add an activity.
46#, 47# version update.
48# change name of an activity.
49#, 50# version update.
51# add two new activities.
52# add an activity.
53# version update.
54# change label of two activities. Remove an intent filter from a receiver.
55# version update.
56# version update. Add an activity.
57#, 58#, 59# version update.
60# version update. Add an activity.
61#, 62# version update.
63# version update. Add a meta-data in app.
64# change a comment.
65# version update. Change value of a meta-data in app.
66# formatting change.

67# version update. Change label of three activities. Add configChanges in two activities. Add a new activity.

68#, 69#, 70# version update.

71# change theme of three activities. Add a new activity.

72# change theme in four activities.

73#, 74#, 75# version update.

76# version update. Change value of a meta-data in app.

77# version update.

78# add a comment.

79# version update.

80# version update. Add windowSoftInputMode="adjustResize" in two activities.

81# version update. Add an intent filter in an activity.

82# change value of a meta-data in app. Add windowSoftInputMode="adjustResize" in two activities. Add noHistory="true" in two activities.

83#, 84# version update.

85# add a use permission.

86# add a provider.

87# add windowSoftInputMode="adjustResize" in an activity.

88# version update.

89# remove two actions and add an action in an intent filter of a receiver. Add excludeFromRecents="true" and taskAffinity in two activities. Add a receiver.

90# change name of three action elements in an intent filter. replace two actions with an action in an intent filter of a receiver. Add a new receiver.

91# version update. Add label in a receiver. Replace string constant with string resource in label of a receiver.

92# version update.

93# add xmlns:tools. Version update. Add tools:replace="android:theme" in application.

94# version update.

95# version update. Remove a meta-data from app.

96#, 97# version update.

98# version update. Change name of three actions in two intent filters of two receivers.

99#, 100# version update.

711. <https://github.com/martinchodev/RedPanal-Android-WebApp>

Project created date: 2015-07-30

Download in play store: 10 - 50

Commit period: Jul 30, 2015 to Aug 2, 2015 – 3 days

Commit number: 3

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# change package name. add use permissions. change label of an activity. add a new activity and make it main activity.

2# change app icon. Add portrait orientation and configChanges in two activities.

3# change package name. use fully qualified name in two activities.

712. <https://github.com/QuantumBadger/RedReader>

Project created date: 2013-04-04

Download in play store: 50,000 - 100,000

Commit period: Aug 8, 2015 to Oct 20, 2017 – 2 yrs. 2 months

Commit number: 35

No. of developers involved: 3 (33, 1, 1)

App components: activity – 19 service – receiver – 3 provider –

Exclusive version and uses-sdk related commit: 20

1# add data elements in two intent filters of two activities.

2# add data elements in an intent filter of an activity.

3# add a new activity.

4# add a receiver.

5#, 6# version update.

7# upgrade target sdk from 22 to 23.

8# version update.

9# add data elements in an intent filter of an activity.

10# version update.

11# add a new activity and move an intent filter to this activity. remove an intent filter from an activity.

12# version update.

13# remove configChanges from two activities. Remove a parent activity name from an activity.

14#, 15#, 16# version update.

17# remove theme from an activity. add a new activity.

18# add a meta-data in app.

19# add an activity.

20# change theme of two activities.

21# add configChanges in two activities.

22# remove parent activity name from an activity. remove parent activity meta-data from two activities.

23# version update.

24# add an activity.

25#, 26#, 27#, 28#, 29#, 30#, 31#, 32#, 33# version update.

34# remove an activity.

35# version update.

713. <https://github.com/vi/redscreen.apk>

Project created date: 2015-10-19

Download in play store:

Commit period: Oct 20, 2015 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# version update.

714. <https://github.com/phikal/ReGeX>

Project created date: 2015-07-26

Download in play store:

Commit period: Aug 20, 2015 to Sep 2, 2016 – 1 yr.

Commit number: 8

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

1# remove label from an activity. add two new activities.

2# change package structure in 3 activities names. Remove an activity.

3# add configChanges in an activity.

4# add use permissions.

5# change name of an activity.

6# change package structure in 3 activities names. Add a new activity.

7# add a setting activity.

8# add label in an activity. remove setting activity.

715. <https://github.com/Leszek111/ReLaunchX>

Project created date: 2017-02-27

Download in play store:

Commit period: Mar 9, 2017 to May 25, 2017 – 2 months

Commit number: 6

No. of developers involved: 1

App components: activity – 16 service – 1 receiver – provider –

1# change package name. remove version and uses-sdk.

2# formatting change.

3# add app theme.

4# add use permissions.

5# add a use permission, a service, and a receiver.

6# remove a receiver.

716. <https://github.com/edsonduarte1990/reminders>

Project created date: 2013-12-23

Download in play store: 1,000 - 5,000

Commit period: May 18, 2015 to Dec 18, 2016 – 1 yr. 7 months

Commit number: 14

No. of developers involved: 1

App components: activity – 3 service – 1 receiver – 1 provider –

1# add singleInstance launch mode in an activity. add a setting activity.

2# add about activity.

3# change label and add theme in an activity.

4# add use permissions, a receiver, and two services.

5# remove a service.

6# change launch mode to singleTop in an activity.
7# add exported="false" in two activities.
8# add theme and an intent filter in an activity.
9# add fullBackupContent="true" in application. Add an intent filter in an activity.
10# add app logo.
11# formatting change.
12# change name of an activity and parent activity names in two activities.
13# add app name.
14# change launch mode to standard in an activity.

717. <https://github.com/onyxbits/remotekeyboard>

Project created date: 2013-05-30
Download in play store: 100,000 - 500,000
Commit period: Jun 2, 2013 to Mar 17, 2014 – 9 months
Commit number: 14
No. of developers involved: 1
App components: activity – 5 service – 1 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 7

1# add an activity and a receiver.
2# version update.
3# use fully qualified name in component names. Add two new activities.
4#, 5#, 6# version update.
7# add an intent filter in an activity.
8# add a new activity.
9# change name and label of an activity.
10# version update.
11# add parent activity name and its meta-data in three activities.
12#, 13# version update.

718. <https://github.com/brarcher/rental-calc>

Project created date: 2017-03-16
Download in play store: 10 - 50
Commit period: Mar 19, 2017 to Jun 17, 2017 – 3 months
Commit number: 13
No. of developers involved: 1
App components: activity – 12 service – receiver – provider –

1# change name of an activity.
2#, 3#, 4#, 5#, 6# add an activity.
7# replace string constant with string resource in labels of five activities.
8#, 9# add an activity.
10# add configChanges in app and activities.
11# add an activity.
12# add a use feature, use permissions, and two activities.
13# add an activity.

719. <https://github.com/futurice/meeting-room-tablet>

Project created date: 2014-06-24

Download in play store: 500 - 1,000

Commit period: Jun 22, 2015 to Aug 3, 2017 – 2 yrs. 1 month

Commit number: 14

No. of developers involved: 6 (7, 3, 1, 1, 1, 1)

App components: activity – 6 service – receiver – provider –

Exclusive version and uses-sdk related commit: 7

1# version update.

2# add an activity.

3# version update.

4# change landscape to sensorLandscape screen orientation in four activities.

5# version update.

6# formatting change.

7#, 8# version update.

9# add noHistory="true" in an activity. remove an activity. add a new activity.

10# add use permissions. add period in an activity name. add a new activity and make it main activity.

11# remove version name and code.

12# remove uses-sdk.

13# add fullBackupContent="true" in application. Remove an activity.

14# add supportsRtl="true".

720. <https://github.com/m45t3r/retrobreaker>

Project created date: 2014-05-19

Download in play store: 5,000 - 10,000

Commit period: Apr 28, 2016 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# remove version and uses-sdk.

721. <https://github.com/no-go/TextThing>

Project created date: 2016-07-01

Download in play store: 500 - 1,000

Commit period: Jul 4, 2016 to Nov 1, 2017 – 1 yr. 4 months

Commit number: 5

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 3

1# add min and target sdk.

2# upgrade target sdk from 22 to 23.

3# remove uses-sdk.

4# add windowSoftInputMode="adjustResize|stateHidden" in an activity. change mime type of a data.

5# add a receiver and a service.

722. <https://github.com/mikljohansson/retroboy>

Project created date: 2015-06-28

Download in play store: 5,000 - 10,000

Commit period: Jun 29, 2015 - 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# change theme of app and an activity.

723. <https://github.com/demantz/RFAalyzer>

Project created date: 2014-10-19

Download in play store: 10,000 - 50,000

Commit period: Mar 23, 2016 to Oct 6, 2016 – 6 months

Commit number: 2

No. of developers involved: 1

App components: activity – 2 service – receiver – provider – 1

1# define two permissions. add a provider.

2# add a use permission.

724. <https://github.com/fasteque/rgb-tool>

Project created date: 2014-06-08

Download in play store: 10,000 - 50,000

Commit period: Jun 9, 2014 to Oct 18, 2017 – 3 yrs. 4 months

Commit number: 26

No. of developers involved: 2 (22, 4)

App components: activity – 6 service – receiver – provider – 1

1# remove label from an activity. add a new activity.

2# add label in an activity.

3# add an activity.

4# change name and label of an activity.

5# add exported="false" in an activity.

6# add label in an activity. add a new activity.

7# remove a use permission.

8# add an activity.

9# change app icon.

10# add app name.

11# add theme in an activity.

12# add an activity.

13# remove label from an activity.

14# add configChanges in six activities and add screen orientation in seven activities.
 15# change package structure of 7 activities and a provider.
 16# remove a use feature. Add a use permission and two use features. Add an activity.
 17# add a use feature.
 18# change value of xlargeScreens to false.
 19# remove an activity.
 20# add theme in an activity. move main intent filter to another activity.
 21# remove a use permission. move main intent filter to another activity.
 22# add xmlns:tools. Add a use permission. add android:resizeableActivity="true" and tools:targetApi="n" in four activities.
 23# remove an activity.
 24# add label in an activity.
 25# add a meta-data in app. Add a meta-data in an activity. change theme and replace string constant with string resource in label of an activity. add android:grantUriPermissions="true" in a provider.
 26# formatting change.

725. <https://github.com/no-go/RickApp>

Project created date: 2016-12-10
 Download in play store: XXXXXXX
 Commit period: Dec 17, 2016 to Dec 20, 2016 – 3 days
 Commit number: 3
 No. of developers involved: 1
 App components: activity – 1 service – 1 receiver – provider –
 Exclusive version and uses-sdk related commit: 1

1# add min sdk.
 2# add app name and a service.
 3# formatting change.

726. <https://github.com/kyriog/rights-alert>

Project created date: 2012-04-26
 Download in play store: 100 - 500
 Commit period: Apr 29, 2012 to Jul 3, 2012 – 2 months
 Commit number: 4
 No. of developers involved: 1
 App components: activity – 2 service – receiver – provider –
 Exclusive version and uses-sdk related commit: 3

1# version update.
 2# add an activity.
 3#, 4# version update.

727. <https://github.com/google/ringdroid>

Project created date: 2015-02-24
 Download in play store: 50,000,000 - 100,000,000
 Commit period: Dec 3, 2016 – 1 day

Commit number: 1
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# version update. Upgrade target sdk from 22 to 25.

728. <https://github.com/vector-im/riot-android>

Project created date: 2015-12-17
Download in play store: 50,000 - 100,000
Commit period: Feb 17, 2016 to Nov 28, 2017 – 1 yr. 9 months
Commit number: 91
No. of developers involved: 3 (71, 12, 8)
App components: activity – 32 service – 1 receiver – 4 provider –

1# remove an activity.
2#, 3# add an activity.
4# change value of window soft to adjustResize in two activities.
5# change name of an activity.
6# add adjustResize in window soft of an activity.
7# remove an activity. remove theme from an activity. add label, launch mode, window soft. Parent activity name and its meta-data in an activity.
8# change name of an activity.
9# add theme in an activity.
10# formatting change.
11# add an activity.
12# add an activity and a receiver.
13# remove an activity.
14# reorganize data elements in an intent filter of an activity. remove enabled="true" and change exported to false in a receiver. Replace an intent filter with another in the receiver.
15# add an intent filter in a receiver.
16# formatting change.
17# remove an activity.
18# add an activity.
19# add a data in an intent filter of an activity. add a receiver.
20# add theme in an activity.
21# remove an activity.
22# add an activity.
23# add a use permission.
24# formatting change.
25# add theme in an activity.
26# remove a permission, use permissions, a meta-data, two receivers, and three services.
27# add a use permission.
28#, 29# add an activity.
30# change theme of an activity.
31# change name of an activity.

32# add a data in an intent filter of a receiver.
33# add an activity.
34# add a data in an intent filter of a receiver.
35# add two intent filters in an activity and a receiver.
36# change name and authorities of a provider.
37# add a use permission. remove theme from an activity.
38# revert 36#.
39# remove an activity.
40# add a data in an intent filter of an activity and a receiver.
41# change theme of an activity.
42# change theme of an activity. add a new activity.
43# add a use permission.
44# add tools:replace="android:supportsRtl" and android:supportsRtl="false" in application.
45# add configChanges in an activity.
46# change allowBackup to false.
47# add tools:replace="android:allowBackup" in application.
48# add two new activities.
49# change name of an activity. add a new activity.
50# change theme of an activity.
51# add configChanges in an activity.
52# remove a data from an intent filter of a receiver.
53# add an activity.
54# change name and label of an activity.
55# remove parent activity name and its meta-data from an activity.
56# add windowSoftInputMode="adjustPan" in an activity.
57# change app label and tools:replace in application.
58# change theme of an activity.
59# remove singleTop launch mode from an activity.
60# add an activity.
61# add a use permission.
62# change theme of an activity.
63# add a use feature.
64# add an activity.
65# formatting change.
66# add a use permission and a receiver.
67# change theme of an activity.
68# add android:resizeableActivity="false" in application.
69# remove <uses-sdk tools:overrideLibrary="io.pristine.libjingle"/>. Add a use permission and an activity.
70# add theme, remove label, launch mode, window soft, parent activity name and its meta-data from an activity.
71# change theme of an activity.
72# change name of an activity.
73# add an activity.

74# add configChanges in two activities.
75# change name of an activity.
76# add an activity.
77# add configChanges in all the activities.
78# add a receiver.
79# add a use feature.
80# add a use permission and a receiver.
81# add tools:replace="required" in all use features.
82# change package name in a receiver name.
83# change package structure of a receiver name.
84# remove a receiver.
85# remove configChanges from an activity.
86# remove an activity.
87#, 88# add a use permission.
89# add an activity.
90# remove a provider.
91# add a use permission.

729. <https://github.com/mdecorde/BAC76>

Project created date: 2013-08-29

Download in play store:

Commit period: Jun 9, 2016 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# change package name. use fully qualified name in activities names.

730. <https://github.com/norenh/RKFRead>

Project created date: 2014-03-30

Download in play store:

Commit period: Apr 9, 2014 to Aug 1, 2017 – 3 yrs. 3 months

Commit number: 2

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 2

1#, 2# version update.

731. <https://github.com/wseemann/RoMote>

Project created date: 2016-06-27

Download in play store: 500 - 1,000

Commit period: Jul 12, 2016 to Jan 3, 2017 – 5 months

Commit number: 2

No. of developers involved: 1

App components: activity – 7 service – 2 receiver – 1 provider –

- 1# add an intent filter and a meta-data in an activity.
- 2# change adjustPan to adjustResize in window soft of an activity.

732. <https://github.com/abcdjdj/RootVerifier-APP>

Project created date: 2013-08-02
Download in play store: 100,000 - 500,000
Commit period: Mar 13, 2016 to Mar 29, 2016 – 16 days
Commit number: 6
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 3

- 1# remove manifest file.
- 2# add manifest file.
- 3# upgrade target sdk from 20 to 23.
- 4#, 5# version update.
- 6# add install location auto.

733. <https://github.com/phuang/RotationLock>

Project created date: 2011-12-06
Download in play store: 10,000 - 50,000
Commit period: Dec 7, 2011 to May 9, 2012 – 5 months
Commit number: 3
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 3

- 1#, 2#, 3# version update.

734. <https://github.com/lpar/RPN>

Project created date: 2011-12-14
Download in play store: 10,000 - 50,000
Commit period:
Commit number: 0

735. <https://github.com/scoutant/rpn>

Project created date: 2017-06-19
Download in play store: 50 - 100
Commit period:
Commit number: 0

736. https://github.com/martinmarinov/rtl_tcp_andro-

Project created date: 2013-01-09
Download in play store: 500,000 - 1,000,000
Commit period: Jun 21, 2016 to Oct 18, 2017 – 1 yr. 4 months
Commit number: 9

No. of developers involved: 2 (7, 2)
App components: activity – 3 service – 1 receiver – provider –
Exclusive version and uses-sdk related commit: 6

1#, 2#, 3#, 4#, 5# version update.
6# add an activity.
7# add theme in an activity.
8# version update.
9# change value of required to true in a use feature.

737. <https://github.com/SecUSo/privacy-friendly-ruler>

Project created date: 2016-04-17
Download in play store: 1,000 - 5,000
Commit period:
Commit number: 0

738. <https://github.com/Marlinski/Rumble>

Project created date: 2015-08-24
Download in play store: 1,000 - 5,000
Commit period: Dec 4, 2014 to Aug 22, 2016 – 1 yr. 8 months
Commit number: 39
No. of developers involved: 3 (36, 2, 1)
App components: activity – 23 service – 1 receiver – 1 provider –

1# add a use permission.
2# add use permissions.
3# add a use feature. Add required="true" in a use permission.
4# add two new activities. Move main intent filter to a new activity.
5# add app name.
6# add required="true" in two use permissions. add a use permission.
7# add a use permission and a use feature. Change required to false in a use feature. Remove enabled="true" from a service.
8# add window soft, uiOptions, and a meta-data in an activity.
9# add adjustPan|adjustResize in a window soft of an activity. add an activity.
10# add a setting activity.
11# change theme of an activity. add a new activity.
12# add a new activity. add portrait orientation in three activities.
13# add a new activity.
14# change package structure of three activities names. Change name of an activity. add two new activities.
15# change name of an activity. add a new activity.
16# add an activity.
17# revert 16#.
18# add an activity.
19# change name of three activities. Add a new activity.
20# change app theme. Add theme in an activity.

21# remove adjustPan from window soft of an activity.
22# add theme in an activity.
23# remove uiOptions and a meta-data from three activities. Add theme in an activity. remove an activity.
24# change app icon.
25# add theme in an activity.
26# add a comment.
27# add a use permission. change value of required to true in a use feature.
28# add two activities.
29# add four activities.
30# add two activities.
31# formatting change.
32# add a use permission, two use features, and an activity.
33# change copyright.
34# add an activity.
35# add a use permission.
36# add portrait orientation in all the 16 activities.
37# add a use permission, an activity, and a receiver.
38# change value of required to false in three use features. Add required="false" in two use permissions.
39# add a use permission.

739. <https://github.com/jonasoreland/runnerup>

Project created date: 2012-11-27

Download in play store: 10,000 - 50,000

Commit period: Oct 29, 2014 to Aug 1, 2017 – 2 yrs. 9 months

Commit number: 38

No. of developers involved: 6 (15, 11, 6, 3, 2, 1)

App components: activity – 16 service – 2 receiver – 2 provider – 2

Exclusive version and uses-sdk related commit: 4

1# remove a use permission.
2# remove an activity.
3# remove configChanges from app.
4# version update.
5# add app theme.
6# change package structure of a service name.
7# change name of a service.
8# change package structure of a receiver name.
9# add a receiver.
10# add android:grantUriPermissions="true" in two providers.
11# remove version name and code.
12# add an android:uses-permission inside manifest. Add an activity.
13# remove android:uses-permission from manifest.
14# Move an anonymous service to another class.

15# change screen orientation to sensorPortrait in all the 16 activities.
16# add configChanges in an activity.
17# add an intent filter in an activity.
18# remove a meta-data from app.
19# add a receiver and a service.
20# change app theme. Remove four activities.
21# revert 20#.
22# revert 19#.
23# add theme in seven activities.
24# upgrade min sdk from 8 to 14. Add scheme in a data.
25# add a category in an intent filter of an activity.
26# change app theme.
27# add a use permission.
28# upgrade min sdk from 14 to 15. Add a service.
29# remove a service.
30# remove screen orientation from all the activities.
31# remove theme from seven activities.
32# add tools:ignore="GradleOverrides" in uses-sdk. Add android:extractNativeLibs="false" in application.
33# remove uses-sdk.
34# change value of android:extractNativeLibs to true in application.
35# change app icon.
36# add theme in seven activities.
37# remove uses-sdk.
38# revert 34#.

740. <https://github.com/awaken/sanity>

Project created date: 2011-01-03

Download in play store: 500,000 - 1,000,000

Commit period: Jan 5, 2011 to May 9, 2011 – 4 months

Commit number: 34

No. of developers involved: 1

App components: activity – 28 service – 5 receiver – 8 provider –

Exclusive version and uses-sdk related commit: 9

1# formatting change.

2# version update. Add debuggable="false".

3# version update. Change debuggable to true. Add a receiver. Downgrade min sdk from 7 to 5. Add supports-screens.

4# version update. Change app label. Change debuggable to false. Change label, remove launch mode, add theme in an activity. remove an intent filter from a service. Add six new activities. Add a use permission. add small, normal, and xlarge screens in supports-screens.

5#, 6# version update.

7# version update. Add an activity.

8# version update.

9# version update. Add a use permission.
 10# version update. Add a use permission and a receiver.
 11# version update. Add two activities, a service, a receiver, and use permissions. remove action elements from an intent filter of a receiver.
 12# version update. Remove an activity. add actions in an intent filter of a receiver.
 13# version update.
 14# version update. Add an activity.
 15# version update. Add a use permission.
 16# version update. Add a use permission.
 17#, 18# version update. Change name of nine activities.
 19#, 20#, 21# version update.
 22# version update. Remove label from ten activities and a receiver. Add three new activities.
 23# version update. Merge two receivers into one receiver.
 24# version update. remove an activity. add five new activities.
 25# version update.
 26# version update. Add a use permission and an activity.
 27# version update. Add a receiver.
 28# version update. Change theme of an activity. add two new activities. Remove a receiver. add a receiver.
 29# version update.
 30# version update. Add three new activities and a receiver.
 31# version update. Change name of an activity. remove an activity. Add three activities, two receivers, and a use permission. remove a receiver.
 32# version update. Add an activity, a receiver, and a use permission. remove an action from an intent filter of a receiver.
 33# version update. Add a service and a receiver.
 34# version update. Add two use permissions, two activities, and two services.

741. <https://github.com/ligi/SatoshiProof>

Project created date: 2013-05-28

Download in play store: 1,000 - 5,000

Commit period: Mar 29, 2014 to Oct 14, 2016 – 2 yrs. 6 months

Commit number: 4

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# remove version and uses-sdk.

2# add theme in an activity.

3# formatting change.

4# remove an activity.

742. <https://github.com/mvglasow/satstat>

Project created date: 2013-09-02

Download in play store:

Commit period: Aug 15, 2013 to Jun 20, 2017 – 3 yrs. 10 months

Commit number: 43

No. of developers involved: 1

App components: activity – 6 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 21

1#, 2# add a use permission.

3# add use permissions.

4# add use permissions and a service.

5# add about activity.

6# change package name. change package name in two activities names. Remove a service. Remove use permissions.

7# version update.

8# downgrade min sdk from 17 to 11.

9# version update.

10# add a use permission.

11#, 12# version update.

13# add a use permission, an activity, a service, and a receiver.

14# remove a use permission. change name of a receiver and change name of action elements of the receiver.

15# version update.

16# add a use permission. add two actions in an intent filter of a receiver.

17#, 18# version update.

19# add an action in an intent filter of a receiver.

20# add a use permission.

21# version update.

22# add a use permission.

23# version update.

24# upgrade target sdk from 17 to 18.

25#, 26# version update.

27# upgrade target sdk from 18 to 19.

28# add a new activity.

29# use fully qualified name in an activity name.

30# use shorthand in activities names. Correct parent activity name in three activities.

31# upgrade target sdk from 19 to 23.

32#, 33# version update.

34# change package structure of 4 activities names.

35# add an activity.

36# formatting change.

37# add a parent activity meta-data in an activity.

38# add an activity.

39# add app name.

40#, 41#, 42#, 43# version update.

Project created date: 2015-01-25
Download in play store: XXXXXXXX
Commit period: Jan 29, 2015 to Mar 31, 2016 – 1 yr. 2 months
Commit number: 11
No. of developers involved: 1
App components: activity – 4 service – 2 receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# add a service.
2# remove a service.
3# remove a service.
4# add a new service.
5# change app theme.
6# remove version name and code.
7# add parent activity name and an intent filter in an activity. use shorthand in two services names.
8# add a use permission.
9# formatting change.
10# add configChanges in two activities. Remove two activities.
11# add install location auto.

744. <https://github.com/TTTDevs/NextCloudBookmarksAndroid>

Project created date: 2017-04-05
Download in play store: 100 - 500
Commit period: Apr 8, 2017 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

1# change package name. use fully qualified name in activities names.

745. <https://github.com/lkorth/screen-notifications>

Project created date: 2012-09-07
Download in play store: XXXXXXXX
Commit period: Jun 3, 2014 to Jan 15, 2017 – 2 yrs. 7 months
Commit number: 17
No. of developers involved: 1
App components: activity – 3 service – 2 receiver – 2 provider – 1

1# add a receiver.
2# remove a use permission.
3# add app theme.
4# add label in two services. Add a service.
5# remove a use permission.
6# change package structure of 2 activities and 3 services. Remove a receiver. add a receiver.
7# remove copyright.
8# add app name. add a provider.
9# merge two services.

- 10# remove package structure of two activities names.
- 11# change app theme.
- 12# add a use permission.
- 13# add a receiver.
- 14# remove icon from an activity. add an activity.
- 15# remove a service.
- 16# add a service.
- 17# remove a use permission.

746. <https://github.com/aravindsagar/ScreenShift>

Project created date: 2015-06-12

Download in play store: 100,000 - 500,000

Commit period: Jun 12, 2015 to Sep 24, 2015 – 3 months

Commit number: 11

No. of developers involved: 1

App components: activity – 5 service – 2 receiver – 2 provider – 1

- 1# remove a use permission.
- 2# change app theme.
- 3# add windowSoftInputMode="stateHidden" in an activity.
- 4# add a use permission and a receiver.
- 5# add a use permission. remove app theme. Add theme in an activity. add an activity, a receiver, and a provider.
- 6# add two new activities.
- 7# add singleTop launch mode in an activity.
- 8# change package name. add a use permission. use fully qualified name in components names.
- 9# add android:fullBackupContent="true" in application. Use shorthand in component names. Add a new activity.
- 10# add a use permission and a service.
- 11# add a use permission.

747. <https://github.com/vijai1996/screenrecorder>

Project created date: 2016-10-15

Download in play store: 1,000 - 5,000

Commit period: Oct 21, 2016 to Nov 20, 2017 – 1 yr. 1 month

Commit number: 12

No. of developers involved: 1

App components: activity – 4 service – 3 receiver – provider – 1

- 1# add round icon in app.
- 2# add a meta-data in an activity.
- 3# add use permissions. add a service.
- 4# add a provider.
- 5# add an activity.
- 6# add use permissions. add a service.
- 7# add a use permission.

- 8# add an activity.
- 9# remove xmlns:tools. Remove tools:replace="android:theme" from application.
- 10# change theme in app and an activity.
- 11# remove an activity.
- 12# add android:networkSecurityConfig in application.

748. <https://github.com/mportuesisf/ScreenInfo>

Project created date: 2011-01-09
Download in play store: 50,000 - 100,000
Commit period: May 3, 2015 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# version update. Upgrade target sdk from 17 to 22.

749. <https://github.com/Cj-Malone/Screens>

Project created date: 2016-11-24
Download in play store: 10,000 - 50,000
Commit period: Nov 18, 2016 to Oct 2, 2017 – 10 months
Commit number: 20
No. of developers involved: 1
App components: activity – 4 service – 2 receiver – 1 provider –

1# change app icon.
2# add an activity.
3# change package name. use fully qualified name in activities names.
4# change package name. change package name in 3 activities names.
5# revert 1#.
6# add app theme.
7# add supports-screens.
8# use shorthand in activities names. Add a service.
9# add configChanges in an activity.
10# add about activity.
11# add a comment.
12# add a service.
13# add an intent filter in an activity. add a receiver.
14# change icon of a service.
15# add a meta-data in a service.
16# add an intent filter in an activity.
17# remove an intent filter from an activity.
18# add exported="true" in an activity.
19# change app theme.
20# remove orientation from configChanges of an activity.

750. <https://github.com/rosenpin/Screenshot-Sharer>

Project created date: 2016-10-08

Download in play store: 100 - 500

Commit period: Oct 9, 2016 to Mar 17, 2017 – 5 months

Commit number: 5

No. of developers involved: 2 (4, 1)

App components: activity – 1 service – 2 receiver – 1 provider –

1# remove manifest file.

2# add new manifest file.

3# add an android:permission in manifest. Add a use permission and a receiver.

4# revert 3#. Add android:directBootAware="true" in two services.

5# add xmlns:tools. Add a use permission and a receiver. Add tools:targetApi="n" in two services.

751. <https://github.com/VelbazhdSoftwareLLC/Scribe4>

Project created date: 2015-09-04

Download in play store: 10 - 50

Commit period: Jun 28, 2010 to Sep 8, 2015 – 5 yrs. 2 months

Commit number: 17

No. of developers involved: 2 (15, 2)

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 5

1# add debuggable="true".

2# add description in application.

3# change app description.

4# add portrait orientation in an activity. add max and target sdk.

5# add a new activity.

6# remove an activity. add an activity.

7# version update. downgrade max sdk from 8 to 7.

8# add app theme. Add an activity.

9# add an activity. upgrade target and max sdk from 7 to 8.

10# add install location auto. Remove an intent filter from three activities.

11# downgrade min sdk from 7 to 3.

12# remove debuggable="true".

13#, 14# version update.

15# upgrade max sdk from 8 to 9.

16# change package name. version update. Remove max sdk. Upgrade min sdk from 3 to 15 and target sdk from 8 to 15.

17# add a use permission. add a new activity and make it main activity.

752. <https://github.com/PowerInside/ScrollSocket>

Project created date: 2016-01-28

Download in play store:

Commit period: Jan 29, 2016 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# change package name. change package name of two activities names.

753. <https://github.com/caarmen/scrumchatter>

Project created date: 2013-06-16

Download in play store: 500 - 1,000

Commit period: Nov 17, 2014 to Feb 16, 2017 – 2 yrs. 3 months

Commit number: 30

No. of developers involved: 1

App components: activity – 6 service – receiver – provider – 2

Exclusive version and uses-sdk related commit: 14

1# version update.

2# upgrade target sdk from 18 to 21.

3#, 4# version update.

5# version update. Upgrade target sdk from 21 to 23.

6# add theme in an activity.

7# add xmlns:tools. Remove uses-sdk. Add tools:ignore="UnusedAttribute" in two activities.

8#, 9#, 10#, 11# version update.

12# add supportsRtl="true".

13# add android:fullBackupContent in application.

14# version update.

15# add a setting activity.

16# version update.

17# change copyright.

18#, 19# version update.

20# remove version name and code.

21#, 22# add an activity.

23# add <uses-sdk tools:overrideLibrary="org.apmem.tools.layouts"/>.

24# change name and label of two activities.

25# change package structure of two activities names.

26# remove two activities. add an activity.

27# add an activity.

28# remove theme, tools:ignore, parent activity name and its meta-data from an activity.

29# add a provider.

30# remove a use permission.

754. <https://github.com/jerickson314/sdscanner>

Project created date: 2013-11-29

Download in play store: 500,000 - 1,000,000

Commit period: Nov 30, 2013 to Aug 26, 2017 – 3 yrs. 9 months

Commit number: 14

No. of developers involved: 2 (12, 2)

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 12

1#, 2# version update.

3# version update. Upgrade min sdk from 8 to 14.

4#, 5#, 6#, 7# version update.

8# version update. Add windowSoftInputMode="stateHidden" in an activity.

9# add an intent filter in an activity.

10#, 11#, 12#, 13#, 14# version update.

755. <https://github.com/haiwen/seadroid>

Project created date: 2012-11-28

Download in play store: 50,000 - 100,000

Commit period: Nov 22, 2014 to Nov 25, 2017 – 3 yrs.

Commit number: 46

No. of developers involved: 4 (22, 18, 4, 2)

App components: activity – 21 service – 5 receiver – 1 provider – 3

Exclusive version and uses-sdk related commit: 31

1# remove version and uses-sdk.

2# remove a service.

3# add two activities.

4# remove screen orientation from nine activities. Remove an activity. change launch mode to singleTop in an activity. remove launch mode from an activity. add four activities.

5# add version name and code.

6# version update.

7# add app theme. Remove theme from 18 activities.

8# add new manifest.

9# add use permissions. use shorthand in three activities names. Remove parent activity meta-data from an activity. remove a service. Add an activity, three services, a receiver, and a provider.

10# add parent activity and its meta-data in an activity.

11#, 12#, 13#, 14#, 15#, 16#, 17# version update.

18# add xmlns:tools. Add <uses-sdk tools:overrideLibrary="us.feras.mdv" />.

19# replace package name with placeholder in authorities of two providers.

20#, 21#, 22#, 23#, 24#, 25#, 26#, 27#, 28#, 29# version update.

30# add theme in an activity.

31# version update.

32# add use permissions.

33# change package structure in two parent activities names. Add an activity.

34#, 35#, 36#, 37# version update.

38# add a provider.

39#, 40#, 41#, 42#, 43# version update.

44# remove version name and code.

45# add an activity.

46# change name of two activities.

756. <https://github.com/quaap/SeafoodBerserker>

Project created date: 2017-07-15
Download in play store: 10 - 50
Commit period: Feb 6, 2017 to Nov 3, 2017 – 9 months
Commit number: 11
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –
Exclusive version and uses-sdk related commit: 4

1# add an intent filter in an activity. add a new activity and make it main activity.
2# add app name.
3# add a setting activity.
4# add version name and code.
5# add landscape orientation in two activities.
6# remove screen orientation from an activity. change orientation to portrait in an activity.
7# change name of an activity. change orientation to landscape in an activity.
8# add about activity.
9#, 10#, 11# version update.

757. <https://github.com/vishesh/sealnote>

Project created date: 2015-02-02
Download in play store: 50,000 - 100,000
Commit period: Jun 11, 2014 to Mar 1, 2015 – 8 months
Commit number: 16
No. of developers involved: 1
App components: activity – 9 service – receiver – provider –
Exclusive version and uses-sdk related commit: 5

1# use shorthand in app name. add an activity.
2# change app theme. Add theme in an activity.
3# add a setting activity.
4#, 5#, 6#, 7# version update.
8# remove version and uses-sdk.
9# use fully qualified name in parent activity meta-data of two activities.
10# add theme in an activity.
11#, 12#, 13#, 14# add an activity.
15# add use permissions.
16# add an activity.

758. <https://github.com/vackosar/search-based-launcher>

Project created date: 2013-01-06
Download in play store: 500 - 1,000
Commit period: Jul 5, 2015 to Dec 30, 2016 – 1 yr. 5 months
Commit number: 45
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 30

1# change package name. change label in app and an activity.
 2# change value of android:alwaysRetainTaskState from True to true in an activity.
 3# change package name. use fully qualified name in an activity name.
 4# change package name. change package name in an activity name.
 5# add allowBackup="false" and windowSoftInputMode="stateVisible|adjustResize" in application.
 6#, 7#, 8#, 9#, 10#, 11#, 12# version update.
 13# use shorthand in an activity name.
 14# revert 13#.
 15# downgrade target sdk from 15 to 10.
 16# use shorthand in an activity name.
 17# version update. Use fully qualified name in an activity name.
 18#, 19#, 20#, 21#, 22#, 23#, 24# version update.
 25# change app theme.
 26# version update.
 27# change app theme.
 28# change label in app and an activity.
 29# version update. Revert 28#.
 30#, 31# version update.
 32# add an activity.
 33# use shorthand in an activity name. remove an activity.
 34#, 35#, 36#, 37#, 38#, 39#, 40#, 41#, 42#, 43# version update.
 44# version update. Upgradet min sdk from 7 to 22. Remove target sdk.
 45# downgrade min sdk from 22 to 7.

759. <https://github.com/SimonMarquis/Android-SecretCodes>

Project created date: 2013-09-18
 Download in play store: 100,000 - 500,000
 Commit period:
 Commit number: 0

760. <https://github.com/Fr4gorSoftware/SecScanQR>

Project created date: 2017-08-16
 Download in play store:
 Commit period: Sep 12, 2017 to Nov 7, 2017 – 2 months
 Commit number: 4
 No. of developers involved: 1
 App components: activity – 5 service – receiver – provider –

1# add portrait orientation in an activity. change label of an activity. add two new activities.
 2# remove portrait screen orientation from two activities.
 3# add a use permission. add portrait orientation and an intent filter in an activity. add a setting activity.
 4# remove a use permission.

761. <https://github.com/sileht/SeeksWidget>

Project created date: 2010-11-19

Download in play store:

Commit period: Nov 23, 2010 to Apr 21, 2011 – 5 months

Commit number: 10

No. of developers involved: 1

App components: activity – 2 service – receiver – 1 provider – 1

Exclusive version and uses-sdk related commit: 2

1# change package name. change name and add label in a receiver. Add two new activities.

2# add copyright.

3# add theme in two activities. Add a meta-data in app.

4# upgrade min sdk from 3 to 4.

5# add main intent filter in two activities. Add a use permission and a provider.

6# change label and remove main intent filter from an activity. remove a category from an intent filter of an activity.

7# add main intent filter in an activity.

8# version update.

9# change label, add android:finishOnTaskLaunch="true", android:launchMode="singleInstance", and android:clearTaskOnLaunch="true" in two activities. Remove main intent filter from an activity.

10# version update. Remove finishOnTaskLaunch="true" and clearTaskOnLaunch="true" from two activities. Remove launch mode from an activity.

762. <https://github.com/MrBIMC/SELinuxModeChanger>

Project created date: 2015-04-27

Download in play store:

Commit period: Jul 24, 2017 to Oct 31, 2017 – 3 months

Commit number: 2

No. of developers involved: 1

App components: activity – 2 service – receiver – 1 provider –

1# remove a use permission. add supportsRtl="true". Remove label from an activity. remove android:permission from a receiver. Add an action and a category in an intent filter of a receiver. Remove an activity.

2# remove allowBackup="true". Add a meta-data in an activity. change priority of an intent filter of a receiver. Add an activity.

763. <https://github.com/arpruss/sendreduced>

Project created date: 2015-03-13

Download in play store: 500 - 1,000

Commit period: Nov 26, 2012 to Jan 12, 2017 – 4 yrs. 1 month

Commit number: 16

No. of developers involved: 1

App components: activity – 4 service – receiver – provider – 1

Exclusive version and uses-sdk related commit: 11

1#, 2# version update.

3# version update. Add label in an intent filter of an activity. add an intent filter in an activity.

4#, 5# version update.
 6# upgrade min sdk from 4 to 5.
 7# add target sdk.
 8# change label of an activity.
 9# replace string resource with string constant in labels of app, an activity, and two intent filters.
 10#, 11#, 12# version update.
 13# version update. Add noHistory="true" in an activity. add an activity and a provider.
 14#, 15# version update.
 16# change package name. change package name in 3 activities, a provider, an action, and an authorities. version update. Change labels in app, 2 activities, and intent filters.

764. <https://github.com/mtotschnig/SendWithFtp>

Project created date: 2012-05-06
 Download in play store: XXXXXXXX
 Commit period:
 Commit number: 0

765. <https://github.com/ianmcxa/vortaro>

Project created date: 2017-07-04
 Download in play store:
 Commit period: Jun 26, 2017 to Aug 6, 2017 – 1 month
 Commit number: 3
 No. of developers involved: 1
 App components: activity – 2 service – receiver – provider –

 1# change round icon in app.
 2# add about activity.
 3# formatting change.

766. <https://github.com/onyxbits/sensorreadout>

Project created date: 2012-04-27
 Download in play store: 50,000 - 100,000
 Commit period: Apr 27, 2012 to Apr 2, 2015 – 2 yrs. 11 months
 Commit number: 15
 No. of developers involved: 1
 App components: activity – 2 service – receiver – provider –
 Exclusive version and uses-sdk related commit: 10

 1# add app icon. remove an activity. add two activities.
 2# syntax change.
 3# add min and target sdk.
 4# change icon of app and an activity.
 5#, 6#, 7#, 8# version update.
 9# remove xml encoding tag. Version update. Upgrade min sdk from 4 to 8 and target sdk from 4 to 17. Add allowBackup="true" and app theme.
 10# add parent activity and meta-data in an activity.

11# upgrade min sdk from 8 to 9.
12#, 13#, 14#, 15# version update.

767. <https://github.com/mustafa01ali/SensorsSandbox>

Project created date: 2013-10-29
Download in play store: 1,000 - 5,000
Commit period: Oct 29, 2014 to Jul 11, 2016 – 1 yr. 8 months
Commit number: 5
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 2

1# version update.
2# use shorthand in two activities names.
3# remove portrait orientation from two activities. Add label in an activity.
4# upgrade min sdk from 9 to 11 and target sdk from 18 to 24. Add android:resizeableActivity="true" in application. Add android:supportsPictureInPicture="false" and <layout /> in two activities.
5# version update.

768. <https://github.com/SensorApps/Sensors2OSC>

Project created date: 2014-11-11
Download in play store:
Commit period: Nov 17, 2014 to Mar 15, 2017 – 2 yrs. 4 months
Commit number: 6
No. of developers involved: 2 (5, 1)
App components: activity – 4 service – receiver – provider –

1# change app icon. Remove use features.
2# add portrait orientation in three activities.
3# add an activity.
4# formatting change.
5# add an intent filter in an activity. add a use permission and a use feature.
6# remove portrait orientation from four activities.

769. <https://github.com/SensorApps/Sensors2Pd>

Project created date: 2014-11-12
Download in play store:
Commit period: Nov 13, 2014 to Feb 11, 2015 – 3 months
Commit number: 8
No. of developers involved: 2 (7, 1)
App components: activity – 4 service – 1 receiver – provider –

1# add two activities.
2# add use features.
3# revert 2#.
4# add use permissions.
5# add a service.

6# change app icon.
7# add about activity.
8# add setting activity.

770. <https://github.com/servalproject/batphone>

Project created date: 2011-01-30
Download in play store: 100,000 - 500,000
Commit period: Apr 18, 2017 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 25 service – 4 receiver – 1 provider – 1
Exclusive version and uses-sdk related commit: 1

1# remove version and uses-sdk.

771. <https://github.com/richsmith/sexytopo>

Project created date: 2014-11-27
Download in play store: 100 - 500
Commit period: Aug 26, 2016 to Feb 23, 2017 –6 months
Commit number: 2
No. of developers involved: 1
App components: activity – 9 service – 1 receiver – provider –

1# use fully qualified name in an activity name.
2# add a use permission.

772. <https://github.com/SteamGifts/SteamGifts>

Project created date: 2015-12-28
Download in play store: 1,000 - 5,000
Commit period: Dec 29, 2015 to Apr 16, 2016 – 3 months
Commit number: 25
No. of developers involved: 1
App components: activity – service – receiver – provider –

1# add two activities.
2# change name of an activity.
3# remove an activity.
4# add an activity.
5# add compatible-screens.
6# add parent activity and its meta-data in an activity.
7# remove uses-sdk. Change allowBackup to false.
8# add an activity.
9# change app theme. Add setting activity.
10# remove compatible-screens.
11# add an activity.
12# add about activity.
13#, 14# add an activity.

15# add an intent filter in an activity.
16# add data elements in an intent filter.
17# add a data in an intent filter of an activity.
18# change package structure of an activity name. add an activity.
19# add an activity.
20# no changes.
21# add a new manifest.
22# formatting change.
23# add app name.
24# add a meta-data in app.
25# revert 24#.

773. <https://github.com/sheimi/SGit>

Project created date: 2013-08-26
Download in play store: 50,000 - 100,000
Commit period: Aug 8, 2016 to Aug 18, 2016 – 10 days
Commit number: 3
No. of developers involved: 2 (2, 1)
App components: activity – 10 service – receiver – provider –

1# add two activities.
2# add app name.
3# add an activity.

774. <https://github.com/dimtion/Shaarlier>

Project created date: 2015-02-18
Download in play store: 500 - 1,000
Commit period: Feb 20, 2015 to Jun 9, 2016 – 1 yr. 3 months
Commit number: 13
No. of developers involved: 2 (12, 1)
App components: activity – 5 service – 1 receiver – provider –

1# add windowSoftInputMode="stateHidden" in an activity. add excludeFromRecents="true" in an activity.
2# add configChanges in an activity.
3# add windowSoftInputMode="adjustPan|adjustResize" in an activity.
4# revert 3#.
5#, 6# change theme of an activity.
7#, 8# add an activity.
9# add windowSoftInputMode="stateHidden" in an activity.
10# add a service.
11# change theme of an activity. change exported to false in a service.
12# change label of an activity.
13# add an activity.

775. <https://github.com/markusfisch/ShaderEditor>

Project created date: 2013-06-02
Download in play store: 10,000 - 50,000
Commit period: May 20, 2016 to Aug 14, 2017 – 1 yr. 2 months
Commit number: 18
No. of developers involved: 1
App components: activity – 9 service – 1 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 10

1# add documentLaunchMode="intoExisting" in an activity.
2# remove two activities. Add two activities.
3#, 4#, 5#, 6# version update.
7# add resizableActivity="true" in application. Add singleInstance launch mode in an activity.
8#, 9#, 10#, 11# version update.
12# add a new activity and make it main activity.
13# version update.
14# remove version name and code.
15# change value of enabled to false in a receiver.
16# add a use permission and two use features.
17# change app name.
18# add an activity.

776. <https://github.com/sylvek/sharemyposition>

Project created date: 2014-04-17
Download in play store: 10,000 - 50,000
Commit period: Jul 4, 2014 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 2 service – 1 receiver – 3 provider –
Exclusive version and uses-sdk related commit: 1

1# version update.

777. https://github.com/tengusw/share_to_clipboard

Project created date: 2015-01-12
Download in play store: 10,000 - 50,000
Commit period: Jan 13, 2015 to Nov 18, 2017 – 2 yrs. 10 months
Commit number: 13
No. of developers involved: 1
App components: activity – 3 service – receiver – 1 provider –

1# add a data in an intent filter of an activity.
2# change app theme.
3# add label in an activity.
4#, 5# add an intent filter in an activity.
6# add xml encoding tag. Add an activity.
7# change app icon.
8# change theme of an activity.

9# change name of an activity.
10# formatting change.
11# add a data in an intent filter of an activity.
12# add an activity and a receiver.
13# change theme of an activity.

778. <https://github.com/marcosdiez/shareviahttp>

Project created date: 2015-03-14
Download in play store: 10,000 - 50,000
Commit period: Mar 25, 2015 to Jul 18, 2017 – 2 yrs. 3 months
Commit number: 13
No. of developers involved: 2 (9, 4)
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 2

1# version update. Upgrade min sdk from 4 to 7.
2# change a comment.
3# change app icon.
4# change package name. version update. Use fully qualified name in an activity name.
5# remove version and uses-sdk.
6#, 7# change name of an activity.
8# add app theme.
9# add an activity.
10# add excludeFromRecents="true" in an activity.
11# change package name. use fully qualified name in two activities.
12# formatting change.
13# add a meta-data inside manifest. Add allowBackup="true".

779. <https://github.com/queler/sharetobrowser>

Project created date: 2016-10-31
Download in play store:
Commit period: Nov 1, 2016 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# add version name and code.

780. <https://github.com/00-Evan/shattered-pixel-dungeon>

Project created date: 2014-07-31
Download in play store: 1,000,000 - 5,000,000
Commit period: Sep 10, 2016 to Nov 20, 2017 – 1 yr. 2 months
Commit number: 32
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 27

1#, 2#, 3#, 4# version update.

5# upgrade target sdk from 23 to 24.

6# version update.

7# add xlarge screen and change value of small screen to true.

8# version update.

9# change screen orientation to nosensor in an activity.

10#, 11#, 12# version update.

13# version update. Upgrade target sdk from 24 to 25.

14# version update.

15# change app icon.

16#, 17#, 18#, 19# version update.

20# upgrade target sdk from 25 to 26. Change app theme. Add smallestScreenSize|screenLayout in configChanges in an activity.

21#, 22#, 23# version update.

24# add a meta-data in app.

25#, 26#, 27#, 28#, 29#, 30#, 31#, 32# version update.

781. <https://github.com/js-labs/ShellsMP>

Project created date: 2016-10-09

Download in play store: 10 - 50

Commit period: Oct 10, 2016 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# remove a use permission. add use permissions.

782. https://github.com/alaskalinuxuser/app_ship_capt_crew

Project created date: 2017-03-08

Download in play store: XXXXXXXX

Commit period:

Commit number: 0

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

783. <https://github.com/opengemara/shiurim>

Project created date: 2016-05-18

Download in play store:

Commit period:

Commit number: 0

784. <https://github.com/dsoulayrol/android-sholi>

Project created date: 2013-12-07

Download in play store: 100 - 500
Commit period: Dec 13, 2013 to Feb 5, 2015 – 1 yr. 1 month
Commit number: 11
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –
Exclusive version and uses-sdk related commit: 7

1#, 2# version update.
3# add an activity.
4# add an intent filter in an activity.
5# version update.
6# add setting activity.
7# remove a provider.
8#, 9#, 10#, 11# version update.

785. <https://github.com/SecUSo/privacy-friendly-shopping-list>

Project created date: 2016-04-28
Download in play store: 1,000 - 5,000
Commit period: May 18, 2016 to Jan 9, 2017 – 7 months
Commit number: 21
No. of developers involved: 3 (17, 3, 1)
App components: activity – 12 service – 1 receiver – 1 provider –

1# add an activity.
2# add label and theme in an activity. add three new activities.
3# add an activity.
4# remove theme from an activity.
5# change package structure of 5 activities names. Change name of an activity.
6# change name of an activity.
7# add an activity.
8# add theme in an activity.
9#, 10# add an activity.
11# add a use permission and a use feature.
12# add a receiver and a service.
13# add an activity.
14# remove portrait orientation from an activity.
15# add parent activity name and its meta-data in an activity.
16# add singleTop launch mode in an activity. add an activity.
17# add a new activity and make it main activity.
18# add portrait orientation in an activity.
19# remove screen orientation and add configChanges in nine activities.
20# add supports-screens.
21# add an activity.

786. <https://github.com/PrivacyApps/calendar-contacts-shortcuts>

Project created date: 2012-07-15

Download in play store: 1,000 - 5,000
Commit period: Mar 8, 2012 to Mar 12, 2012 – 4 days
Commit number: 3
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# add supports-screens. Add debuggable="false".
2# add use features.
3# version update. Downgrade min sdk from 7 to 4.

787. <https://github.com/billthefarmer/shorty>

Project created date: 2015-04-19
Download in play store:
Commit period: Jan 13, 2017 to Sep 18, 2017 – 8 months
Commit number: 6
No. of developers involved: 2 (5, 1)
App components: activity – 5 service – receiver – provider –
Exclusive version and uses-sdk related commit: 3

1# add xmlns:tools and tools:ignore="GoogleAppIndexingWarning" in manifest. Upgrade target sdk from 17 to 25. Add tools:ignore="AllowBackup" and android:allowBackup="true" in application.
2#, 3# version update.
4# add tools:ignore="OldTargetApi" in uses-sdk. Downgrade min sdk from 25 to 22. Change theme in app and three activities.
5# remove two activities.
6# version update.

788. <https://github.com/ShowMeHills/ShowMeHills>

Project created date: 2012-04-21
Download in play store: 10,000 - 50,000
Commit period: Sep 5, 2016 to Jan 10, 2017 – 4 months
Commit number: 2
No. of developers involved: 1
App components: activity – 7 service – receiver – provider –

1# add xmlns:tools. Add <uses-sdk tools:overrideLibrary="org.florescu.android.rangesseekbar" />.
2# add a use feature.

789. <https://github.com/MGaetan89/ShowsRage>

Project created date: 2015-06-25
Download in play store: 10,000 - 50,000
Commit period: May 12, 2015 to Jul 27, 2016 – 1 yr. 2 months
Commit number: 26
No. of developers involved: 1
App components: activity – 3 service – 1 receiver – provider –

1#, 2# add an activity.

3# add parent activity name and its meta-data in an activity. remove singleTop launch mode from an activity.
4# add an activity.
5# remove app name.
6# add an activity.
7# change app icon.
8# add a service.
9# add supports-screens.
10# change app icon.
11# add an activity and make it main activity.
12# revert 11#.
13# add a meta-data in app.
14# add app name.
15# add a meta-data in app.
16# remove an activity. add a new activity.
17# add singleTop launch mode in two activities. Add an intent filter and a meta-data in an activity.
18# add setting activity.
19# remove three activities.
20# remove two activities.
21#, 22#, 23# remove an activity.
24#, 25# add an activity.
26# change scheme of a data in an intent filter of an activity.

790. <https://github.com/souch/SMP>

Project created date: 2015-01-01

Download in play store: 1,000 - 5,000

Commit period: Jan 7, 2015 to Jun 12, 2017 – 2 yrs. 5 months

Commit number: 12

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 2

1# change app theme.

2# add a use permission inside application. add singleTop launch mode and portrait orientation in an activity. add a service.

3# move a use permission outside application. Remove a service. Add a service.

4#, 5# change label of an activity.

6# add a use permission. add theme in an activity.

7# add copyright.

8# add a receiver.

9# replace string constant with string resource in label of an activity.

10# add a use permission.

11# upgrade target sdk from 10 to 19.

12# downgrade min sdk from 10 to 9.

791. <https://github.com/scoute-dich/Sieben>

Project created date: 2016-02-21

Download in play store: 1,000 - 5,000

Commit period: Apr 5, 2016 to Mar 12, 2017 – 11 months

Commit number: 12

No. of developers involved: 2 (6, 6)

App components: activity – 32 service – receiver – provider –

1# add four activities.

2# add android:fullBackupContent="true" in application.

3# change package structure of an activity name.

4# change value of supportsRtl to false.

5# change package structure of 25 activities names.

6# add xmlns:tools. Add tools:ignore="GoogleAppIndexingWarning" in application.

7# no changes.

8# remove label from 27 activities. Add noHistory="true" in an activity.

9# add an activity.

10# change name of a parent activity in an activity. add two new activities.

11# remove supportsRtl="false". Add an intent filter in an activity. add a new activity.

12# add about activity.

792. <https://github.com/cody82/sigfood>

Project created date: 2012-04-12

Download in play store: 1,000 - 5,000

Commit period: Jul 30, 2015 – 1 day

Commit number: 2

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# remove version and uses-sdk. Remove app theme.

2# change app icon.

793. <https://github.com/billthefarmer/sig-gen>

Project created date: 2013-06-01

Download in play store:

Commit period: Jan 15, 2017 to Nov 25, 2017 – 10 months

Commit number: 11

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 6

1# add xmlns:tools and tools:ignore="GoogleAppIndexingWarning" in manifest. Upgrade target sdk from 17 to 25. Add tools:ignore="AllowBackup" in application.

2#, 3# version update.

4# add an activity.

5# version update.

6# version update. Remove window soft from an activity. add label in an activity.

7# version update.
8# add tools:ignore="OldTargetApi" in uses-sdk.
9# version update.
10# version update. Change theme of an activity.
11# version update.

794. <https://github.com/Lanchon/sigspoof-checker>

Project created date: 2016-10-11
Download in play store:
Commit period: Oct 12, 2016 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –

1# change package name.

795. <https://github.com/hoihei/Silectric>

Project created date: 2016-07-24
Download in play store:
Commit period: Apr 2, 2016 to Aug 14, 2016 – 4 months
Commit number: 6
No. of developers involved: 1
App components: activity – 5 service – receiver – provider –

1# add a meta-data in app.
2# change name and label of an activity. remove two activities. Add two activities.
3# change package name. use fully qualified name in activities names and their parent activities names. Change name and label of an activity.
4# change name of an activity. change label of an activity.
5# no changes.
6# remove a meta-data from app.

796. <https://github.com/SilenceIM/Silence>

Project created date: 2015-03-18
Download in play store: 50,000 - 100,000
Commit period: Dec 21, 2011 to Mar 30, 2017 – 5 yrs. 3 months
Commit number: 238
No. of developers involved: 24 (154, 28, 19, 10, 4, 3, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1)
App components: activity – 33 service – 4 receiver – 10 provider – 2
Exclusive version and uses-sdk related commit: 83

1# version update.
2# upgrade min sdk from 4 to 8. Add target sdk. Remove debuggable="false" and add app theme.
3# add uiOptions="splitActionBarWhenNarrow" in an activity.
4#, 5# remove an activity. add an activity.
6# add windowSoftInputMode="stateHidden" in an activity.
7# add windowSoftInputMode="stateHidden" and change theme of an activity.

8# change label of an activity. remove three activities.
9# change theme of four activities. Remove theme from two activities. Add windowSoftInputMode="stateVisible" in an activity.
10# remove theme and change label of an activity.
11# remove an activity.
12# change theme of an activity.
13# change theme of six activities.
14# add a service.
15# change value of window soft to stateUnchanged in an activity.
16# add screenSize in configChanges of twelve activities. Change theme in two activities.
17#, 18#, 19# version update.
20# replace string constant with string resource in label of twelve activities.
21# formatting change.
22# change label of an activity.
23# version update. Upgrade target sdk from 14 to 16.
24# version update.
25# change label of twelve activities.
26#, 27#, 28# version update.
29# add use permissions.
30# version update.
31# add a use permission.
32# version update.
33# protect a receiver with a permission.
34#, 35# version update.
36# revert 33#.
37#, 38# version update.
39# add an intent filter in an activity.
40# version update.
41# add a receiver.
42#, 43# version update.
44# remove an action from an intent filter of a receiver.
45# version update.
46# add two new activities. Change theme and launch mode in two activities. Add window soft in an activity. change window soft in an activity. remove theme from an activity.
47#, 48#, 49# version update.
50# add an activity.
51#, 52#, 53# version update.
54# add use permissions and a permission. add two activities, two services, and a receiver.
55# correct name of a use permission.
56# add an activity.
57#, 58#, 59# version update.
60# remove theme from an activity. remove two activities.
61# add a receiver.
62# version update.

63# change app theme.
64# add an activity.
65#, 66# version update.
67# remove singleInstance launch mode from an activity.
68#, 69#, 70# version update.
71# add app name. add an activity.
72# version update.
73# add xmlns:tools. Upgrade target sdk from 16 to 17. Add tools:ignore="ProtectedPermissions" in a use permission. change theme of an activity. remove theme from an activity.
74# remove an activity. add two activities.
75# add theme in an activity.
76# version update.
77# add android:grantUriPermissions="true" in a provider.
78# version update.
79# upgrade target sdk from 17 to 19. Add two data in an intent filter of an activity. add an intent filter in two receivers.
80# split a receiver into two receivers. Protect a receiver with a permission. add a service.
81#, 82#, 83#, 84# version update.
85# add two activities.
86# add a receiver.
87# change theme of an activity.
88# add a receiver.
89# add windowSoftInputMode="stateHidden" in an activity.
90# remove uiOptions="splitActionBarWhenNarrow" from an activity.
91# remove an activity.
92# upgrade min sdk from 8 to 9.
93# change theme of an activity.
94# add two activities.
95# add an activity.
96# remove a receiver.
97#, 98# version update.
99# add an activity.
100#, 101# version update.
102# add a service.
103# add a data in an intent filter of an activity.
104# add an activity.
105# version update.
106# change mime type of a data.
107# version update.
108# change name and label of an activity.
109# add a service.
110# version update.
111# add an activity.
112#, 113# version update.

114# change theme and window soft of an activity.
115# remove an activity.
116#, 117# version update.
118# remove uses-sdk, instrumentation, and a use permission. remove a service and an action from an intent filter of a receiver. Add a meta-data in app.
119# change theme of an activity.
120# add a service.
121#, 122#, 123#, 124#, 125#, 126#, 127#, 128#, 129# version update.
130# change app name.
131# version update.
132# add an activity.
133# change theme of two activities. Remove theme from an activity.
134# version update.
135# remove three services. Add an activity.
136#, 137#, 138# version update.
139# change value of window soft to stateVisible in an activity.
140# remove a service. Add two receivers.
141# add singleTask launch mode in an activity.
142# remove an activity.
143# version update. Add an activity.
144#, 145# version update.
146#, 147# add an activity.
148# add theme in an activity.
149#, 150# version update.
151# add singleTask launch mode in an activity.
152#, 153# version update.
154# remove a uses-library.
155# add a service.
156#, 157# add an activity.
158# add parent activity name and its meta-data in an activity.
159# remove an activity.
160# revert 158#.
161# change package structure of an activity name.
162#, 163#, 164#, 165#, 166# version update.
167# change package name. version update. Change package name in all the places. Change label of a permission. change app theme. Change theme in six activities.
168# version update. Remove a permission and use permissions. remove a meta-data, two activities, and a receiver.
169# change package name. change package name in permission, use permission, and action elements.
170# version update.
171# change authorities of a provider.
172#, 173# version update.
174# change priority in two intent filters of two receivers.

175# change package name. change package name in all the places. Change theme in app and six activities.

176# version update.

177# change label of an activity.

178# remove an activity.

179# add a provider.

180# remove version name and code.

181# add an activity.

182# remove a use permission and a receiver.

183# remove two services.

184# remove three activities.

185# remove a use permission.

186# remove an activity. add an intent filter in an activity. add main intent filter in an activity. change launch mode to singleTask in two activities. Add an activity.

187# change window soft to stateHidden in an activity.

188# replace string constant with string resource in label of an activity.

189# add exported="true" in an activity. create an activity alias and move main intent filter to the alias.

190# add a meta-data in app.

191# add an action and a category in an intent filter of an activity.

192# add <uses-sdk tools:overrideLibrary="com.amulyakhare.textdrawable"/>.

193# change theme of an activity.

194# remove an activity.

195# change value of tools:overrideLibrary in uses-sdk.

196# remove an activity.

197# change theme in two activities.

198# remove theme from an activity.

199# remove an activity.

200# add two activities.

201# add theme in an activity. add an activity.

202#, 203# change value of tools:overrideLibrary in uses-sdk.

204# add a receiver.

205# add a use permission.

206# add a use feature.

207# remove a use permission and a use feature.

208# remove label and window soft and add theme in an activity.

209# revert 207#.

210# change value of tools:overrideLibrary in uses-sdk.

211# remove theme from an activity.

212# remove a use permission.

213# change value of tools:overrideLibrary in uses-sdk.

214# add use features.

215# add tools:replace="android:allowBackup" and android:allowBackup="false" in application.

216# change value of tools:overrideLibrary in uses-sdk.

217#, 218#, 219#, 220# add an activity.
 221#, 222# change label of an activity.
 223# add supportsRtl="true".
 224# remove singleInstance launch mode from an activity.
 225# add windowSoftInputMode="stateAlwaysVisible" in an activity.
 226# change exported to false in a receiver. Add exported="false" in two providers.
 227# add parent activity name and its meta-data in an activity.
 228# change label of a permission. change app theme. Change name of a meta-data in app. Change theme of six activities. Add a receiver.
 229# replace string constant with string resource in label of an activity.
 230# add a receiver.
 231# add singleTask launch mode in an activity.
 232# change exported to false in a receiver.
 233# change name of a receiver.
 234#, 235# change value of tools:overrideLibrary in uses-sdk.
 236# add a meta-data in an activity. add a service.
 237# enable large heap.
 238# remove a receiver and add a receiver.

797. <https://github.com/stanipintjuk/Silverfish>

Project created date: 2016-07-29

Download in play store:

Commit period: Aug 1, 2016 to Jul 7, 2017 – 11 months

Commit number: 11

No. of developers involved: 2 (7, 4)

App components: activity – 1 service – receiver – 2 provider –

1# remove a meta-data from app.

2# add a use permission.

3# revert 2#.

4# change theme of an activity.

5# add xmlns:tools. Add a use permission. add tools:ignore="ProtectedPermissions" in a use permission.

6# change theme of an activity.

7# add android:fullBackupContent="true" in application.

8# change package structure of an activity name.

9# add app name.

10#, 11# add a receiver.

798. <https://github.com/hwki/SimpleBitcoinWidget>

Project created date: 2013-03-24

Download in play store: 50,000 - 100,000

Commit period: May 16, 2017 to Jun 6, 2017 – 21 days

Commit number: 2

No. of developers involved: 1

App components: activity – 1 service – receiver – 1 provider –

1# add xmlns:tools. Remove a use permission and a use feature. Change app name. add tools:ignore="GoogleAppIndexingWarning" in application. Remove a receiver and a service. Add exported="false" in an activity.

2# remove exported="false" from an activity.

799. <https://github.com/TobiasBielefeld/Simple-Brick-Games>

Project created date: 2016-11-14

Download in play store: 1,000 - 5,000

Commit period: Feb 14, 2017 to Jun 11, 2017 – 4 months

Commit number: 2

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

1# change package structure of an activity name and add configChanges in the activity.

2# add app name.

800. <https://github.com/eldarerathis/Simple-Chess-Clock>

Project created date: 2014-04-19

Download in play store: XXXXXXX

Commit period: Jun 27, 2010 to Nov 30, 2010 – 5 months

Commit number: 10

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 5

1# add portrait orientation in an activity.

2# add an activity.

3# add a use permission.

4# version update. Downgrade min sdk from 7 to 4.

5# change package name. version update.

6#, 7#, 8#, 9# version update.

10# version update. Add install location auto.

801. <https://github.com/smarek/Simple-Dilbert>

Project created date: 2013-03-25

Download in play store:

Commit period: Oct 27, 2013 to Dec 22, 2016 – 3 yrs. 2 months

Commit number: 14

No. of developers involved: 1

App components: activity – 4 service – receiver – 2 provider –

Exclusive version and uses-sdk related commit: 6

1# use fully qualified name in three activities names.

2# version update. Upgrade target sdk from 18 to 19.

3# add an intent filter in an activity.

4# add an activity and a receiver.

5# remove uses-sdk.
6# no changes.
7# remove uiOptions="splitActionBarWhenNarrow" from app and an activity.
8# reorganize data elements in an intent filter of an activity.
9# version update.
10# version update. Remove install location insternalOnly. Add a data in an intent filter of an activity.
11# add android:fullBackupContent="true" in an application.
12#, 13#, 14# version update.

802. <https://github.com/DF1E/SimpleExplorer>

Project created date: 2013-07-04

Download in play store:

Commit period: Oct 7, 2014 to Sep 22, 2016 – 1 yr. 11 months

Commit number: 19

No. of developers involved: 2 (18 , 1)

App components: activity – 4 service – receiver – provider – 1

Exclusive version and uses-sdk related commit: 1

1# remove version and uses-sdk.
2# formatting change.
3# add parent activity name in two activities.
4# remove app name.
5# add app name.
6# remove a meta-data from an activity.
7# remove a provider.
8# remove app name.
9# add app name and an activity.
10# add a use permission.
11# revert 9#.
12# add a meta-data in app.
13# add an activity.
14# add app name.
15# remove app name and a meta-data.
16#, 17# remove a use permission.
18# add a provider.
19# replace package name with a placeholder in an authorities of a provider.

803. <https://github.com/thelinuxgeekcommunity/simpleirc>

Project created date: 2016-10-31

Download in play store:

Commit period: Nov 16, 2016 to Jan 1, 2017 – 1 month

Commit number: 11

No. of developers involved: 1

App components: activity – 10 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 7

1# change package name. downgrade min sdk from 14 to 11. Change package name in app, 9 activities, and a service.

2#

3# version update.

4#

5#, 6# version update.

7#

8# version update. Upgrade min sdk from 11 to 16.

9#, 10#, 11# version update.

804. <https://github.com/tgwizard/sls>

Project created date: 2012-02-06

Download in play store: 500,000 - 1,000,000

Commit period: May 20, 2015 to Sep 17, 2017 – 2 yrs. 4 months

Commit number: 31

No. of developers involved: 4 (21, 7, 2, 1)

App components: activity – 7 service – 2 receiver – 17 provider –

Exclusive version and uses-sdk related commit: 12

1#, 2# change app icon.

3# remove uses-sdk. Add app theme.

4# add parent activity name and its meta-data in seven activities.

5# add theme in an activity.

6# remove an activity.

7# change name of three activities. Change parent activity name in an activity.

8# remove a receiver.

9#, 10#, 11# version update.

12# add a receiver.

13# add a comment.

14# revert 13#.

15# use shorthand in component names. Add two actions in an intent filter of a service.

16# remove theme from an activity.

17# add two actions in an intent filter of a receiver.

18# version update.

19# add a receiver.

20# add a service. Use shorthand in a receiver name.

21# add allowBackup="true".

22# remove a receiver.

23# formatting change.

24#, 25#, 26#, 27#, 28#, 29#, 30#, 31# version update.

805. <https://github.com/franciscofranco/Simple-Reboot-app>

Project created date: 2014-12-21

Download in play store: 100,000 - 500,000

Commit period: Feb 5, 2017 – 1 day

Commit number: 2

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# add android:vmSafeMode in application.

2# change app theme.

806. <https://github.com/tranquvis/SimpleSmsRemote>

Project created date: 2016-08-28

Download in play store: 1.000–5.000

Commit period: Aug 28, 2016 to Nov 28, 2017 – 1 yr. 3 months

Commit number: 32

No. of developers involved: 1

App components: activity – 7 service – 2 receiver – 1 provider –

1# add use permissions. add a service outside application tag.

2# change package structure of an activity name. add an activity.

3# remove a use permission. remove an activity. add an activity. add a service.

4# add two activities.

5# add a use permission. remove a service outside application tag. Add process and an intent filter in a service.

6# change app icon.

7# remove an intent filter from a service. Add a receiver.

8# change app icon. Change exported to true in a receiver.

9# add an android:permission outside application tag. Change exported to false in a receiver.

10# remove android:permission from outside of application tag. Use fully qualified name in a receiver and protect the receiver with a permission.

11# change package structure of a service name.

12#, 13# add a use permission.

14# remove a use permission.

15# use shorthand in a receiver name. add an activity.

16# change theme in an activity.

17# add a use permission.

18# add an activity.

19# add use permissions.

20# add a use permission.

21# change package structure of a service and a receiver name.

22# add a use permission.

23# add a service.

24# remove a service.

25# add use permissions.

26# add an activity.

27# formatting change.

28# remove a use permission.

29# change name of an activity.

30# add a use permission.

31# formatting change.

32# add a service.

807. <https://github.com/TobiasBielefeld/Simple-Solitaire>

Project created date: 2016-10-27

Download in play store: 10,000 - 50,000

Commit period: Nov 27, 2016 to Sep 20, 2017 – 9 months

Commit number: 15

No. of developers involved: 1

App components: activity – 7 service – receiver – provider –

1# remove an activity. add two activities.

2# remove an activity. add an activity.

3# change theme in app and four activities.

4# remove supportsRtl="true". Add configChanges in an activity. change label of an activity. change package structure of an activity name. remove an activity. add two activities.

5#, 6#, 7# formatting change.

8# add app name.

9# enable large heap.

10# change theme of an activity.

11# remove an activity. add an activity.

12# formatting change.

13# add install location auto in application tag.

14# use shorthand in app name. change theme and add label in an activity.

15# add an activity.

808. <https://github.com/Sparker0i/Weather>

Project created date: 2016-06-26

Download in play store: 5,000 - 10,000

Commit period: Jul 4, 2016 to Nov 30, 2017 – 1 yr. 4 months

Commit number: 99

No. of developers involved: 1

App components: activity – 7 service – 3 receiver – 4 provider –

1# add a use permission. add a meta-data in app.

2# remove a meta-data from app.

3# use shorthand in an activity name.

4# add about activity.

5# add a new activity and move main intent filter to this activity.

6# add label in an activity. add a new activity. use fully qualified name in an activity name. move main intent filter back.

7# change app icon.

8# move main intent filter to another activity.

9# add a category in an intent filter of an activity. add label in an activity.

10# add label in an activity. remove a category from an intent filter of an activity.

11# change label of an activity.

12# replace string constant with string resource in label of an activity.
13# add parent activity name and its meta-data in an activity.
14# formatting change.
15# remove a use permission.
16# add xmlns:tools. Add compatible-screens. Add tools:ignore="UnusedAttribute" in an activity.
17#, 18# remove screens from compatible-screens.
19# change screen size in screen of compatible-screens.
20# remove compatible-screens.
21#, 22# add a use permission.
23# add a meta-data in app.
24# remove a use permission.
25# use shorthand in an activity and a parent activity names.
26# revert 25#.
27# repeat 25#. Add an activity.
28# syntax change.
29# remove an activity. add an activity.
30# add an activity.
31# add round icon in app. Remove an activity.
32# add an activity.
33# revert 30#
34# change app icon and round icon.
35# add a use permission and use features.
36# add supports-screens.
37# add an activity.
38# change package structure of an activity name.
39# change package structure of three activities names.
40# change package structure of an activity name. add an activity.
41# change package structure of 2 activities names.
42# remove an activity. add a new activity.
43# remove an activity.
44# change app icon. Remove round icon and a meta-data from app. Change package structure of an activity name.
45# add a use permission.
46# change app theme. Remove an activity. add theme in an activity. change label and remove tools:ignore from an activity.
47# remove theme, change label, and add tools:ignore="UnusedAttribute" in an activity. change package structure of an activity name. add an activity.
48# remove use features and an activity. remove theme from an activity.
49# remove supports-screens. Add an activity and a receiver.
50# remove a receiver and an activity.
51# add a use permission.
52# add setting activity.
53# remove an activity.

54# add portrait orientation in application. Change package structure of an activity name. remove tools:ignore="UnusedAttribute" from an activity. remove portrait orientation from an activity.

55# remove an activity.

56# formatting change.

57# add a receiver and two services.

58# add a receiver.

59# change package structure of a receiver name.

60# change name of a receiver.

61#, 62# add a receiver.

63# remove a use permission.

64# add an activity.

65# remove xmlns:tools.

66# add resizableActivity="true" in application.

67# change name of two services.

68# syntax change.

69# add a use permission. add enabled="true" and exported="false" in a receiver. Add label in an activity.

70# change package structure of an activity name.

71# add xmlns:tools. Add supports-screens. Add tools:targetApi="n" in application.

72# add an activity.

73# remove an activity.

74# remove supports-screens.

75# change app icon.

76# add app name.

77# revert 76#.

78# remove a receiver.

79# remove screen orientation and supportsRtl="true" from application.

80# remove exported="false" from a receiver. Add a receiver.

81# add a receiver.

82# add exported="false" in a receiver. Add a service.

83# add enabled="true" and an action in a receiver.

84# remove an action from a receiver.

85# add a service. Add enabled="true" in a receiver.

86# remove two services and a receiver.

87# add a service.

88# add an activity.

89# add label, theme, parent activity and its meta-data in an activity.

90# add a use permission.

91# remove xmlns:tools. Remove resizableActivity="true" and tools:targetApi="n" from application. Add android:fullBackupContent in application.

92# remove exported="false" and add an action in a receiver.

93# protect three services with a permission.

94# add an activity.

95# add app name.

96# add configChanges in six activities.

97# add xmlns:tools. Add resizableActivity="false" and tools:targetApi="n" in application and two activities.

98# remove a use permission and an activity.

99# change label of an activity.

809. <https://github.com/vvviperrr/SimpleRT>

Project created date: 2016-07-29

Download in play store:

Commit period: Aug 2, 2016 to Aug 3, 2016 – 2 days

Commit number: 2

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – provider –

1# add app icon.

2# use shorthand in an activity and a service name. add an activity.

810. <https://github.com/Chessmasterrr/SimpleStatsWidget>

Project created date: 2017-03-31

Download in play store:

Commit period: Apr 1, 2017 to Jun 5, 2017 – 2 months

Commit number: 7

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 5

1# add version name and code.

2# version update.

3# remove manifest file.

4# no changes. File renamed.

5#, 6#, 7# version update.

811. <https://github.com/mpcjanssen/simpletask-android>

Project created date: 2014-01-10

Download in play store: 10,000 - 50,000

Commit period: Apr 30, 2017 – 1 day

Commit number: 2

No. of developers involved: 1

App components: activity – 10 service – 1 receiver – 2 provider –

1# add a provider.

2# revert 1#.

812. <https://github.com/aidin36/simpletextcrypt>

Project created date: 2015-12-04

Download in play store:

Commit period: Oct 12, 2015 to Dec 29, 2015 – 2 months

Commit number: 8
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –
Exclusive version and uses-sdk related commit: 6

- 1# version update.
- 2# version update. add a new activity and make it main activity.
- 3# version update. Change label of an activity. add a setting activity.
- 4#, 5#, 6#, 7#, 8# version update.

813. <https://github.com/enricocid/Simply-Solid>

Project created date: 2016-11-01
Download in play store: 100 - 500
Commit period: Nov 26, 2016 to Jun 11, 2017 – 6 months
Commit number: 3
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

- 1# add a use permission. add round icon in app.
- 2# add about activity.
- 3# add portrait orientation in an activity.

814. <https://github.com/whitequark/SIPCaller>

Project created date: 2016-02-06
Download in play store:
Commit period:
Commit number: 0

815. <https://github.com/robert7k/sipswitch>

Project created date: 2012-06-11
Download in play store: 10,000 - 50,000
Commit period: Jul 18, 2015 to Dec 1, 2017 – 2 yrs. 4 months
Commit number: 5
No. of developers involved: 2 (3, 2)
App components: activity – service – receiver – 1 provider –
Exclusive version and uses-sdk related commit: 3

- 1# remove uses-sdk.
- 2# change app icon.
- 3# add a use permission.
- 4#, 5# version update.

816. <https://github.com/i-p-tel/sipdroid>

Project created date: 2015-07-24
Download in play store: 1,000,000 - 5,000,000
Commit period: Apr 28, 2009 to Dec 14, 2016 – 7 yrs. 7 months
Commit number: 110

No. of developers involved: 5 (104, 3, 1, 1, 1)

App components: activity – 11 service – 1 receiver – 9 provider –

Exclusive version and uses-sdk related commit: 64

1# version update. Change launch mode to singleTask in an activity. add icon in an activity. add an activity.

2# add a use permission.

3# version update. Change launch mode to singleInstance in two activities. add
excludeFromRecents="true" android:taskAffinity="" in an activity.

4#, 5#, 6# version update.

7# add an activity. change priority value in a receiver.

8# change priority value in a receiver.

9# version update. Add an activity. change priority value in a receiver. Add a use permission.

10# change priority value in a receiver.

11# add a use permission.

12# formatting change.

13#, 14# version update.

15# move priority from a receiver to its intent filter.

16#, 17#, 18# version update.

19# version update. Add a receiver.

20# version update. Add a use permission and a receiver.

21#, 22# version update.

23# version update. Add a receiver.

24#, 25# version update.

26# version update. Change label and add an intent filter in an activity.

27# version update.

28# version update. Remove an activity. add a new activity. add theme in an activity. remove
configChanges from an activity.

29#, 30# version update.

31# version update. Remove enabled="true" and an intent filter from a receiver. Remove action
elements from an intent filter of a receiver.

32# add a receiver.

33#, 34#, 35# version update.

36# version update. Add an action, a category, and a data in an intent filter of an activity.

37#, 38#, 39#, 40#, 41# version update.

42# remove theme from an activity.

43# version update.

44# version update. Add an intent filter in two activities.

45# version update.

46# version update. Remove an intent filter from two activities. Add a data in two intent filters of
two activities.

47#, 48# version update.

49# version update. Add a use permission.

50#, 51#, 52#, 53#, 54# version update.

55# version update. Add a receiver.

56# version update.

57# version update. Change label of an activity.

58#, 59#, 60#, 61#, 62# version update.

63# add an activity.

64# version update. Add supports-screens.

65#, 66#, 67# version update.

68# version update. Add configChanges in an activity. add an action in an intent filter of a receiver.

69# version update. Add an intent filter in a receiver. Remove an action from an intent filter of a receiver.

70#, 71#, 72#, 73# version update.

74# version update. Add target sdk. Add large screen and any density in supports-screens. Add a use feature.

75# version update. Add a use permission.

76# version update. Add theme in an activity. add a use permission.

77# version update.

78# version update. Remove a use feature.

79# version update. Add use features.

80# version update. Add install location auto. Add a use feature. Add two actions in an intent filter and add a new intent filter in a receiver.

81# version update.

82# version update. Remove nosensor orientation from an activity. add an activity.

83# version update.

84# version update. Add a use permission.

85#, 86# version update.

87# version update. Change large screen value to true.

88# version update.

89# version update. Add a data in an intent filter of an activity.

90# version update. Use fully qualified name in component names.

91# version update. Add an intent filter in an activity.

92#, 93# version update.

94# version update. Add a use permission.

95#, 96# version update.

97# add a receiver.

98#, 99#, 100#, 101# version update.

102# version update. Upgrade min sdk from 3 to 5 and target sdk from 4 to 11.

103# version update. Add use permissions.

104# version update.

105# version update. Add an intent filter in an activity.

106# version update.

107# version update. Use shorthand in receivers and a service name. add labels in receivers and a service.

108# version update.

109# version update. Add a use permission.

110# version update.

817. <https://github.com/sky-map-team/stardroid>

Project created date: 2015-06-09

Download in play store: 50,000,000 - 100,000,000

Commit period: Feb 11, 2016 to Jun 12, 2016 – 4 months

Commit number: 13

No. of developers involved: 1

App components: activity – 7 service – receiver – provider – 1

1# remove version, uses-sdk, and an activity.

2# change theme of two activities.

3# add theme in an activity.

4# add app theme.

5# use shorthand in app name. change theme of three activities. Use shorthand in a provider name.

6# add use features.

7# add a use feature.

8# add an activity.

9# add exported="false" in a provider.

10# add an activity.

11# add a use permission.

12# add singleTop launch mode in an activity.

13# remove a use permission.

818. <https://github.com/ram-on/SkyTube>

Project created date: 2015-11-20

Download in play store:

Commit period: Dec 9, 2015 to Sep 14, 2017 – 1 yr. 9 months

Commit number: 20

No. of developers involved: 2 (18, 2)

App components: activity – 3 service – receiver – provider – 1

1# add two activities.

2# remove an activity. add an activity.

3# add app name.

4# add configChanges and theme in an activity.

5# use shorthand in app name. add a meta-data and an activity.

6# remove a meta-data and an intent filter from an activity. remove a meta-data from app.

7# add an activity.

8# add an intent filter in an activity.

9#, 10# add theme in an activity.

11# enable hardware acceleration.

12# remove two activities.

13# enable large heap.

14# add an activity.

15# change name of an activity.

16# add a provider.

17# change package structure of app name.
18# add a use permission.
19# remove an activity.
20# add a use permission.

819. <https://github.com/ccrama/Slide>

Project created date: 2015-10-01

Download in play store: 100,000 - 500,000

Commit period: Oct 2, 2015 to Oct 30, 2017 – 2 yrs.

Commit number: 150

No. of developers involved: 12 (124, 5, 4, 4, 3, 3, 2, 1, 1, 1, 1, 1)

App components: activity – 87 service – 4 receiver – 5 provider – 1

1# add a receiver.

2# add an activity and a service.

3# add a category in an intent filter of an activity. remove a receiver and a service. Add five meta-data and a uses-library in app.

4# add two activities.

5# add data elements in an intent filter of an activity. add an activity.

6#, 7# add an activity.

8# enable hardware acceleration.

9# add windowSoftInputMode="adjustResize" in an activity. remove an activity. add an activity. add a use permission and two receivers.

10#, 11# add an activity.

12# add three activities.

13# add configChanges in twenty six activities.

14# add two activities.

15# add theme in twenty three activities.

16# add an activity.

17# remove hardware acceleration. Add an activity.

18# add android:fullBackupContent="true" in application.

19# add an activity and a meta-data in app.

20# remove a use permission, a meta-data, a receiver, and an intent filter from a receiver. Add an activity.

21# add a use permission, a receiver, and an activity.

22# syntax change.

23# add an activity.

24# add a meta-data in app.

25# formatting change.

26# add two activities.

27# add an activity.

28# formatting change.

29# remove a receiver.

30# add an activity.

31# remove two activities. Add a new activity.

32# remove data elements from an intent filter of an activity.
33# add a comment.
34# add an activity.
35# add configChanges in an activity.
36#, 37# add an activity.
38# remove a comment.
39# remove an activity.
40# remove an activity.
41#, 42# add an activity.
43# add android.hardwareAccelerated="true" in an activity.
44# move main intent filter and label to another activity and remove the activity.
45#, 46#, 47#, 48# add an activity.
49# change name of an activity.
50# add an activity.
51# add a service.
52# add an activity.
53# add a service.
54# enable hardware acceleration.
55# add an activity.
56# revert 54#.
57# add an activity.
58# remove an activity.
59# change label of an activity. add label and an intent filter in an activity.
60# enable hardware acceleration.
61# revert 60#.
62# remove three activities.
63# add an activity.
64# formatting change.
65# remove an activity.
66# formatting change.
67#, 68#, 69#, 70# add an activity.
71# add theme and configChanges in an activity.
72# add two activities.
73# add an activity.
74# add windowSoftInputMode="adjustResize" in an activity.
75# add windowSoftInputMode="adjustResize" in three activities.
76# add a category in an intent filter of an activity.
77# add theme in an activity.
78# replace string constant with string resource in label of an intent filter.
79# remove label from an activity.
80# enable hardware acceleration.
81# add an activity.
82# add keyboard in configChanges of an activity.
83# add an activity. move an intent filter.

84# remove an activity.
85# enable large heap.
86# add a receiver.
87# change window soft to adjustNothing in an activity.
88# add a service.
89# revert 88#.
90# revert 80#.
91# add an activity.
92# add a receiver.
93# change window soft to adjustResize in an activity.
94# enable hardware acceleration.
95# add installLocation="preferExternal" in application.
96# add an activity.
97# add keyboard|screenLayout|uiMode in configChanges of fifty three activities.
98# remove an activity. add an activity, a service, and a receiver.
99# add windowSoftInputMode="adjustResize" in an activity.
100# remove an activity.
101# add an activity.
102# add an intent filter in an activity.
103# add data elements in an intent filter of an activity.
104# change install location to auto in application tag.
105# add a receiver.
106# add a use permission. remove three activities. Add two actions and a category in an intent filter of an activity.
107# remove a category and add an action in an intent filter of an activity.
108# remove largeHeap="true".
109# add a service.
110#, 111# add an activity.
112# add a provider.
113# replace package name with a placeholder in an authorities of a provider.
114# add two activities.
115# add an activity.
116# add an activity and a receiver.
117# enable large heap.
118# add an activity.
119# remove a receiver.
120# remove a receiver and add an activity.
121# remove a category from an intent filter of an activity. add twenty activity alias.
122# add resizableActivity="true" in application.
123# add windowSoftInputMode="adjustNothing" in an activity.
124# add an activity.
125# add alwaysRetainTaskState="true" in application.
126# formatting change.
127# add smallestScreenSize in configChanges of fifty seven activities.

128# add an intent filter in an activity.
 129# add icon and a category in an activity. change enabled to false in an activity.
 130# add two activities.
 131# change window soft value to adjustPan in two activities.
 132# add an activity.
 133# revert 131#.
 134# change window soft value to adjustResize in an activity.
 135# change window soft value to adjustPan in an activity.
 136# formatting change.
 137# change window soft value to adjustPan in two activities.
 138# change window soft value to adjustResize in three activities.
 139# change window soft value to adjustPan in an activity.
 140# change name of an activity.
 141# change window soft value to adjustResize in an activity. change theme of an activity.
 142#, 143# add an activity.
 144# change name of an activity.
 145# remove alwaysRetainTaskState="true" and largeHeap="true" from application. Add
 alwaysRetainTaskState="true" in eighteen activities.
 146# add round icon in app and an activity.
 147# add a service.
 148# add a receiver.
 149# change android:permission value and an action name in a service. Remove a meta-data from
 the service.
 150# add android:colorMode="wideColorGamut" in four activities.

820. <https://github.com/trikita/slide>

Project created date: 2016-03-20
 Download in play store: 5,000 - 10,000
 Commit period: Mar 20, 2016 to May 8, 2016 – 1 month
 Commit number: 4
 No. of developers involved: 2 (2, 2)
 App components: activity – 1 service – receiver – provider –

1# add a use permission. add app name and allowBackup="true". Change package structure of an
 activity name.
 2# remove version name and code. Add a use permission.
 3# add stateHidden in window soft of an activity.
 4# formatting change.

821. <https://github.com/scheich/SlideItLoud>

Project created date: 2012-07-22
 Download in play store: XXXXXXXX
 Commit period: Jul 23, 2012 to Jul 21, 2013 – 1 yr.
 Commit number: 5
 No. of developers involved: 1

App components: activity – 1 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 2

1# add copyright.

2# remove <uses-configuration android:reqHardKeyboard="true" />.

3# version update.

4# version update. Upgrade target sdk from 16 to 17. Remove a use permission. add allowBackup="true".

5# version update.

822. <https://github.com/marcopar/SliderSynth>

Project created date: 2014-02-10

Download in play store: 5,000 - 10,000

Commit period: Mar 5, 2014 to Feb 17, 2016 – 1 yr. 11 months

Commit number: 6

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

1# remove debuggable="false".

2# remove an activity. add an activity.

3# add app theme.

4# remove <uses-configuration android:reqTouchScreen="finger" />. Change app theme. Remove landscape screen orientation from an activity. Move an intent filter, label, and configChanges.

5# change app theme.

6# remove use permissions. add allowBackup="true".

823. <https://github.com/ScreamingHawk/android-slideshow>

Project created date: 2017-01-31

Download in play store: 1,000 - 5,000

Commit period: Jan 31, 2017 to Sep 12, 2017 – 7 months

Commit number: 10

No. of developers involved: 1

App components: activity – 4 service – receiver – provider – 1

1# add a use permission and an activity.

2# add a use permission.

3# add an activity.

4# add setting activity.

5# enable large heap.

6# add android:fullBackupContent in application.

7# add android:resizeableActivity="true" in application.

8# add a provider.

9# add android:supportsPictureInPicture="true" in application.

10# move supportsPictureInPicture="true" and resizeableActivity="true" from application to an activity. add smallestScreenSize|screenLayout in configChanges of an activity.

824. <https://github.com/handschuh/Slight-backup>

Project created date: 2011-06-18
Download in play store: XXXXXXXX
Commit period: Jun 20, 2011 to Aug 25, 2013 – 2 yrs. 2 months
Commit number: 23
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 19

1# remove three activities.
2#, 3#, 4#, 5#, 6#, 7# version update.
8# add target sdk.
9# version update.
10# add an activity.
11#, 12# version update.
13# version update. Add a use permission.
14#, 15#, 16#, 17#, 18# version update.
19# upgrade target sdk from 8 to 11.
20#, 21# version update.
22# version update. Change install location to auto.
23# version update.

825. <https://github.com/rignaneseleo/SlimSocial-for-Facebook>

Project created date: 2015-11-11
Download in play store: 100,000 - 500,000
Commit period: Nov 22, 2015 to May 26, 2017 – 1 yr. 6 months
Commit number: 28
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –
Exclusive version and uses-sdk related commit: 12

1# version update (version name and code in application tag). Add configChanges in an activity.
2# remove manifest file.
3# add a manifest file.
4# merge two intent filters and add a data element. add setting activity.
5# version update. Split an intent filter into two intent filters. Add configChanges and label in an activity. remove an action from an intent filter of the activity.
6# add a use permission. version update.
7# version update.
8# add a use permission. version update. Add singleTask launch mode in an activity. add data elements in an intent filter. add an intent filter in an activity.
9#, 10# version update.
11# version update. Replace string resource with string constant in label of an activity. add an activity.
12#, 13#, 14#, 15#, 16#, 17#, 18#, 19#, 20# version update.
21# change name of two activities.

22# remove hardwareAccelerated="true" and version from application. Change label and theme of app. Add supportsRtl="true". Replace string constant with string resource in label of an activity. split an intent filter into two. Change label of an activity.
 23# add a data in an intent filter. add an activity.
 24# add a use permission. change host in a data.
 25# remove a use permission.
 26# add xmlns:tools and install location auto. Add uses-sdk with tools:overrideLibrary.
 27# add a use permission.
 28# add data elements in an intent filter.

826. <https://github.com/rignaneseleo/SlimSocial-for-Twitter>

Project created date: 2015-12-11
 Download in play store: 5,000 - 10,000
 Commit period: Dec 12, 2015 to May 31, 2016 – 5 months
 Commit number: 4
 No. of developers involved: 1
 App components: activity – 1 service – receiver – provider –

1# remove manifest file.
 2# add a manifest file.
 3# change app theme. Remove version name and code and an activity.
 4# remove allowBackup="true". Add singleTask launch mode in an activity. add a data in an intent filter and add an intent filter in an activity.

827. <https://github.com/Sensirion/SmartGadget-Android>

Project created date: 2015-04-30
 Download in play store: 10,000 - 50,000
 Commit period: Jan 20, 2016 to Aug 29, 2017 – 1 yr. 7 months
 Commit number: 39
 No. of developers involved: 5 (24, 11, 2, 1, 1)
 App components: activity – 1 service – receiver – provider –
 Exclusive version and uses-sdk related commit: 31

1#, 2#, 3#, 4#, 5#, 6#, 7#, 8#, 9#, 10# version update.
 11# add a use feature and use permissions. upgrade min sdk from 18 to 21 and target sdk from 22 to 23.
 12# add windowSoftInputMode="adjustPan" in an activity.
 13#, 14#, 15#, 16#, 17#, 18# version update.
 19# replace a use permission with another use permission.
 20# remove a use permission.
 21#, 22#, 23#, 24#, 25#, 26# version update.
 27# add xmlns:tools. Add use permissions.
 28#, 29#, 30#, 31#, 32#, 33# version update.
 34# add portrait orientation in an activity.
 35#, 36# version update.
 37# remove use permissions.

38# remove portrait orientation from an activity.
39# version update.

828. <https://github.com/wbaumann/SmartReceiptsLibrary>

Project created date: 2011-11-01

Download in play store:

Commit period: Mar 28, 2017 to Sep 29, 2017 – 6 months

Commit number: 11

No. of developers involved: 1

App components: activity – 3 service – 3 receiver – provider – 1

Exclusive version and uses-sdk related commit: 1

1# add a service.

2# add a use permission.

3# change allowBackup to false.

4# remove a service.

5# remove version name and code.

6# remove scheme, change mime type, and add tools:ignore="GoogleAppIndexingUrlError" in a data element.

7# change exported to false in a service. Add exported="false" in two services.

8# add an intent filter in an activity.

9# add tools:ignore="ExportedService" in a service.

10# add tools:ignore="ExportedService" in two services. Change exported to true in a service.

11# change app icon. Remove app logo. Add android:appCategory="productivity" and tools:ignore="UnusedAttribute" in application.

829. <https://github.com/timnew/AndroidInfrared>

Project created date: 2013-11-10

Download in play store:

Commit period:

Commit number: 0

830. <https://github.com/kenCode-de/smartcoins-wallet>

Project created date: 2016-06-18

Download in play store:

Commit period: May 9, 2016 to Apr 1, 2017 – 10 months

Commit number: 48

No. of developers involved: 6 (13, 13, 10, 6, 3, 3)

App components: activity – 18 service – 1 receiver – provider –

1# change name of an activity. add an activity.

2# add an activity.

3# add unwanted tag.

4# revert 3#

5# repeat 3#.

6# revert 5#.

7# add a use feature and use permissions. enable large heap. Add an activity and a meta-data in app.
8# change name of an activity.
9# add two activities.
10# add an activity.
11# change name of an activity. add theme in an activity. add two activities.
12# add two activities.
13# add app name. change name of an activity.
14# add theme in an activity.
15# remove an activity.
16# change theme of an activity.
17# add an activity and make it main activity.
18# move an intent filter. change theme, add label and portrait orientation in an activity. Remove label and portrait orientation from an activity.
19# revert 18#.
20# change theme of an activity.
21# add use permissions.
22# add an activity.
23# add two activities.
24# add an activity.
25# remove label from an activity.
26#, 27# change name of an activity.
28# add a use permission.
29# add label in thirteen activities.
30# remove an activity. add locale configChanges in app.
31# add a meta-data in app.
32# add windowSoftInputMode="adjustNothing" in an activity.
33# add portrait orientation in two activities.
34# add a service.
35# remove a meta-data from app.
36# add an activity.
37# remove a comment.
38# add an activity.
39# remove a meta-data from app.
40# add xmlns:tools.
41# revert 40#.
42# remove an activity.
43# replace a use feature with another use feature.
44# change name of an activity.
45# remove a use permission.
46# add an activity.
47#, 48# change name of an activity.

831. <https://github.com/Phantast/smartnavi>

Project created date: 2014-11-16

Download in play store: XXXXXXXX
Commit period: Feb 20, 2016 to Oct 9, 2016 – 7 months
Commit number: 5
No. of developers involved: 1
App components: activity – 6 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# upgrade min sdk from 9 to 16. Add use permissions. remove app theme. Change name and theme of an activity. change name, add theme, and remove an intent filter from an activity. use shorthand in an activity name. add a new activity. change name and add theme in an activity.
2# add a use permission and a meta-data in app.
3# remove theme from an activity. remove theme and add singleTop launch mode in an activity. add theme in four activities. Add singleTop launch mode in an activity. remove theme from an activity.
4# remove uses-sdk.
5# add version name and code. Remove use permissions. remove allowBackup="true" and add app name. add a uses-library inside application. Remove launch mode and add theme in an activity. remove an activity and add a meta-data.

832. <https://github.com/jberkel/sms-backup-plus>

Project created date: 2010-01-05
Download in play store: 5,000,000 - 10,000,000
Commit period: Sep 9, 2017 to Dec 5, 2017 – 3 months
Commit number: 9
No. of developers involved: 2 (8, 1)
App components: activity – 6 service – 4 receiver – 6 provider –
Exclusive version and uses-sdk related commit: 2

1# upgrade min sdk from 5 to 9.
2# add xmlns:tools. Remove theme from an activity. add a new activity and move an intent filter to this activity. replace a data with another data in an intent filter.
3# add a service.
4#, 5# formatting change.
6# remove version name and code.
7# remove a use permission.
8# split a receiver into two receivers.
9# add a receiver.

833. <https://github.com/itds-consulting/android-silent-ping-sms>

Project created date: 2016-03-31
Download in play store: 1 - 5
Commit period: Nov 30, 2017 – 1 day
Commit number: 2
No. of developers involved: 2 (1, 1)
App components: activity – 1 service – receiver – provider –

1# add a use permission.
2# add android:fullBackupContent="true" in application.

834. <https://github.com/yeriomin/SmsScheduler>

Project created date: 2016-01-08

Download in play store: 1,000 - 5,000

Commit period: Jan 13, 2016 to Aug 8, 2017 – 1 yr. 6 months

Commit number: 5

No. of developers involved: 1

App components: activity – 3 service – 5 receiver – 5 provider –

1# add android:fullBackupContent in application. Use fully qualified name in component names. Add an activity. add exported="false" in three receivers. Add a service.

2# add portrait orientation in an activity.

3# remove app theme.

4# use shorthand in component names. Remove a receiver and add two new receivers. Add two services.

5# add a use permission.

835. <https://github.com/badaix/snapcast>

Project created date: 2015-01-02

Download in play store:

Commit period: Jan 4, 2016 to Dec 30, 2016 – 11 months

Commit number: 15

No. of developers involved: 2 (14, 1)

App components: activity – 4 service – 1 receiver – 1 provider –

1# add singleInstance launch mode in an activity.

2# add a meta-data in app.

3# add an activity.

4# revert 3#.

5# add an activity.

6# change a comment.

7# add about activity.

8# add theme in an activity.

9# remove singleInstance launch mode from an activity.

10# remove a meta-data from app.

11# add a use permission and a receiver.

12# formatting change.

13# add an activity.

14# change name of an activity.

15# formatting change.

836. <https://github.com/EXL/Snooder21>

Project created date: 2016-08-03

Download in play store: 10 - 50

Commit period: Jan 15, 2017 – 1 day

Commit number: 1

No. of developers involved: 1
App components: activity – 2 service – receiver – provider –
1# enable hardware acceleration.

837. <https://github.com/xmikos/SnooperStopper>

Project created date: 2015-07-10
Download in play store: 1,000 - 5,000
Commit period: Jul 10, 2015 to Jul 11, 2015 – 2 days
Commit number: 2
No. of developers involved: 1
App components: activity – 2 service – receiver – 1 provider –
1# no changes.
2# change app theme. Add parent activity name and its meta-data in an activity.

838. <https://github.com/aario/snotepad>

Project created date: 2017-03-16
Download in play store:
Commit period: Mar 20, 2017 – 1 day
Commit number: 3
No. of developers involved: 1
App components: activity – 2 service – receiver – provider – 1
1# add xmlns:tools. Add tools:replace="android:icon,android:theme" in application. Add an activity and a provider.
2# remove an activity.
3# remove round icon from app.

839. <https://github.com/mobilepearls/com.mobilepearls.sokoban>

Project created date: 2010-10-18
Download in play store: 50,000 - 100,000
Commit period: Nov 20, 2010 to Jul 10, 2015 – 4 yrs. 7 months
Commit number: 5
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1
1# version update.
2# version update. Upgrade min sdk from 4 to 10. Add target sdk. Add allowBackup="true".
3# add xlarge screen.
4# version update. Upgrade target sdk from 19 to 22. Change app icon.
5# upgrade min sdk from 10 to 15. Change app theme. remove two activities. Move an intent filter.

840. <https://github.com/agnibho/solarcompass>

Project created date: 2016-01-28
Download in play store: 100 - 500
Commit period:

Commit number: 0

841. https://github.com/retrobits/son_of_hunkypunk

Project created date: 2015-06-02

Download in play store: 5,000 - 10,000

Commit period: Jun 21, 2016 to Sep 5, 2016 – 2 months

Commit number: 4

No. of developers involved: 2 (3, 1)

App components: activity – 6 service – receiver – provider – 1

1#, 2# formatting change.

3# add an activity.

4# change package name. version update. Change package name in 5 activities and a provider.

842. <https://github.com/dkim0419/SoundRecorder>

Project created date: 2014-12-24

Download in play store: 5,000 - 10,000

Commit period: Dec 27, 2014 to May 23, 2017 – 2 yrs. 5 months

Commit number: 7

No. of developers involved: 2 (6, 1)

App components: activity – 2 service – 1 receiver – provider – 1

1# remove an activity.

2# change package structure of an activity name. add a service.

3# add a use permission.

4# revert 3#. Add portrait orientation in an activity.

5# formatting change.

6# add a provider.

7# add setting activity.

843. <https://github.com/meonwax/soundboard>

Project created date: 2016-01-06

Download in play store:

Commit period: Jan 14, 2016 to Mar 17, 2016 – 2 months

Commit number: 6

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# change app icon.

2# add a use permission.

3# revert 1#.

4# add about activity.

5# change package structure of two activities names.

6# add an intent filter in an activity.

844. <https://github.com/bottiger/SoundWaves>

Project created date: 2012-07-18

Download in play store: 10,000 - 50,000

Commit period: Jan 19, 2015 to Jul 26, 2017 – 2 yrs. 6 months

Commit number: 67

No. of developers involved: 4 (60, 4, 2, 1)

App components: activity – 11 service – 6 receiver – 8 provider – 1

Exclusive version and uses-sdk related commit: 1

1# version update. Upgrade min and target sdk from 14 to 19. Add a use permission. remove debuggable="true". Remove an activity. change value of a meta-data in an activity. add two services and a meta-data in app. Protect a service with a permission.

2# remove version and uses-sdk.

3# add a use feature. Add xlarge screens.

4# change app icon.

5# formatting change.

6# remove a meta-data from app.

7# add an activity.

8# formatting change.

9# remove a service.

10# add an activity.

11# change app icon.

12# add an action in an intent filter of a receiver.

13# add noHistory="true" in an activity.

14# add an action in three intent filters of an activity. add an intent filter in the activity.

15# change label in instrumentation.

16# change priority value of an intent filter.

17# formatting change.

18# add a meta-data in app.

19# add a use permission.

20# add a service.

21# add a use permission sdk-m. add android:syncable="true" in a provider. Add two services.

22# formatting change.

23# change name of instrumentation.

24# add a data in an intent filter.

25# add an activity.

26# remove process from a service.

27# revert 26#.

28# change package structure of an activity name.

29# add a meta-data in app.

30# add two actions in an intent filter of a receiver.

31# add an activity.

32# remove a service.

33# add a service.

34# change package structure of a service name.

35# remove two services.

36# add a service.

37# add an intent filter in a service. Change name of a receiver and remove priority from an intent filter of the receiver.

38# change package structure of an activity name.

39# add singleTop launch mode in an activity.

40# remove an activity and a service.

41# add xmlns:tools. Change a use permission sdk-m to sdk-23. Remove enabled="true" and android:permission from a service and add exported="true" and tools:ignore="ExportedService" in the service. Change name of an action in an intent filter of the service. Remove a receiver.

42# add an activity.

43# add a comment.

44# add a receiver and an activity.

45# remove an activity.

46# add two actions in an intent filter of a receiver.

47# formatting change.

48# add an intent filter in an activity.

49# use shorthand in component names.

50# use shorthand in component names. Move all intent filters from an activity to another and remove the activity.

51# use shorthand in app, an activity, and a provider name. add an activity.

52# add allowBackup="true".

53# add an intent filter in an activity. add exported="true" in an activity. add a receiver.

54# move an intent filter to another activity.

55# add an activity.

56# add round icon in app.

57# use shorthand in an activity name. add an activity.

58# use fully qualified name in an activity. change package structure of an activity name and change label of the activity.

59# change name of an activity.

60# add an activity.

61# add parent activity name and its meta-data.

62# add a receiver.

63# add theme in an activity.

64# change app icon and round icon.

65# add a receiver.

66# remove a meta-data from app.

67# change name of a receiver.

845. <https://github.com/0xe1f/Spark360>

Project created date: 2013-06-21

Download in play store: XXXXXXX

Commit period: Jul 5, 2014 to Aug 29, 2014 – 1 month

Commit number: 2

No. of developers involved: 1

App components: activity – 52 service – 2 receiver – 6 provider – 2

Exclusive version and uses-sdk related commit: 1

1# version update. Remove six activities.

2# upgrade target sdk from 19 to 20.

846. <https://github.com/NewProggie/SparkleShare-Android>

Project created date: 2011-05-22

Download in play store: XXXXXXXX

Commit period: Sep 30, 2011 to Feb 24, 2012 – 4 months

Commit number: 16

No. of developers involved: 1

App components: activity – 6 service – receiver – provider –

Exclusive version and uses-sdk related commit: 2

1# upgrade min sdk from 7 to 8.

2# add app theme.

3# add a use permission. add portrait orientation in an activity.

4# add setting activity.

5# add an activity.

6# downgrade min sdk from 8 to 7.

7# add an activity.

8# add a new activity and make it main activity. remove label from an activity.

9# add a use permission.

10# change name of an activity.

11# add an activity.

12# add configChanges in an activity.

13# add a use permission.

14# change name of an activity. remove portrait orientation from an activity.

15# add target sdk. Add theme in an activity.

16# add a use feature.

847. <https://github.com/Etuldan/spaRSS>

Project created date: 2015-04-30

Download in play store: 5,000 - 10,000

Commit period: Mar 15, 2015 to Mar 31, 2016 – 1 yr.

Commit number: 7

No. of developers involved: 4 (4, 1, 1, 1)

App components: activity – 8 service – 2 receiver – 5 provider – 1

1# change app icon.

2# change package name. change package name in components and a permission. change label of an activity. change mime type in three data elements.

3# remove a service and a meta-data from app.

4# add an intent filter in an activity.

5# change value of window soft to stateHidden in an activity.

6# add four intent filters in an activity.

7# add windowSoftInputMode="stateHidden" in an activity.

848. https://github.com/wrr/speech_trainer

Project created date: 2011-11-07

Download in play store: 10,000 - 50,000

Commit period: Nov 11, 2011 to Apr 13, 2012 – 5 months

Commit number: 6

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# add debuggable="false". Upgrade min sdk from 3 to 4.

2# add target sdk. Add a use feature.

3#, 4#, 5#, 6# version update.

849. <https://github.com/flyingrub/SpeedMeter>

Project created date: 2014-03-07

Download in play store: 500 - 1,000

Commit period: Apr 20, 2015 to Jun 14, 2015 – 1 month

Commit number: 2

No. of developers involved: 2 (1, 1)

App components: activity – 2 service – 1 receiver – provider –

1# change package name.

2# add install location auto.

850. https://github.com/mikereidis/spirit2_free

Project created date: 2014-11-28

Download in play store:

Commit period: Jan 13, 2015 to Apr 15, 2015 – 5 months

Commit number: 15

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 10

1# version update. Remove a use permission. change app label. Change label of a service.

2# version update. Add a use permission.

3#, 4#, 5#, 6#, 7#, 8#, 9#, 10#, 11# version update.

12# version update. Add an activity. add an intent filter in a receiver.

13# version update.

14# version update. Add use permissions.

15# version update. Add a use feature.

851. <https://github.com/fyhertz/spydroid-ipcamera>

Project created date: 2013-01-25

Download in play store: 10,000 - 50,000

Commit period: Jan 25, 2013 to Feb 18, 2014 – 1 yr.

Commit number: 18

No. of developers involved: 1

App components: activity – 3 service – 2 receiver – provider –

Exclusive version and uses-sdk related commit: 10

1# version update.

2# use fully qualified name in app and component names.

3# version update.

4# version update. Remove debuggable="true". Remove portrait orientation and theme from an activity. remove an activity.

5# downgrade min sdk from 10 to 8.

6# upgrade min sdk from 8 to 9.

7# version update. Add a service.

8# add a use permission.

9# add a service.

10# remove a service.

11# add a use permission.

12# version update. Remove an activity.

13#, 14#, 15# version update.

16# upgrade target sdk from 14 to 18.

17# version update.

18# version update. Upgrade min sdk from 9 to 14 and target sdk from 18 to 19.

852. <https://github.com/fr3ts0n/StageFever>

Project created date: 2015-05-17

Download in play store:

Commit period: Oct 21, 2016 to Jan 18, 2017 – 3 months

Commit number: 13

No. of developers involved: 1

App components: activity – 2 service – receiver – provider – 1

Exclusive version and uses-sdk related commit: 7

1# version update. Remove an activity.

2# version update. Upgrade target sdk from 22 to 24.

3#, 4# version update.

5# version update. Add setting activity.

6#, 7# version update.

8# formatting change.

9# add configChanges in an activity.

10# upgrade target sdk from 24 to 25. Add a provider. Use shorthand in an activity name.

11#, 12# version update.

13# version update. Add configChanges in an activity.

853. <https://github.com/Sw24Softwares/StarkeVerben>

Project created date: 2017-09-18

Download in play store:

Commit period: Sep 19, 2017 to Dec 3, 2017 – 2 months

Commit number: 13

No. of developers involved: 2 (9, 4)

App components: activity – 6 service – receiver – provider –

1# add an activity.

2# add two activities.

3# change name of an activity. Remove three activities. Add an activity.

4# remove an activity.

5# add an activity.

6# remove round icon from app.

7# change package name. use fully qualified name in component names.

8# add an intent filter and a meta-data in an activity.

9# add singleTop launch mode in an activity.

10#, 11#, 12# add an activity.

13# remove two activities.

854. <https://github.com/grmpl/StepandHeightcounter>

Project created date: 2016-12-02

Download in play store:

Commit period: Dec 15, 2016 to Feb 4, 2017 – 1 month

Commit number: 2

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – 1 provider –

1# change app icon.

2# formatting change.

855. <https://github.com/premnirmal/StockTicker>

Project created date: 2014-12-22

Download in play store: 10,000 - 50,000

Commit period: Dec 23, 2014 to Sep 23, 2017 – 2 yrs. 9 months

Commit number: 47

No. of developers involved: 1

App components: activity – 7 service – 2 receiver – 4 provider – 1

1# add use permissions. change package structure of an activity name.

2# add a use permission.

3# add a receiver.

4# add a label in a receiver.

5# change package name. use fully qualified name in an activity and a receiver name.

6# add an activity.

7# remove label from an activity.

8# add portrait orientation in two activities. Change label of an activity.

9# change label of an activity.

10# add a meta-data in app.

11# change package structure of three activities names.

12# change label of an activity. add an activity.

13# change label of an activity. add label in an activity.
14# add exported="true", add an intent filter, and remove an action from an intent filter in a receiver.
15# add a data in an intent filter and add path in a data of an intent filter of a receiver.
16# add a receiver.
17# add use permissions. add theme in an activity. add five activities and a receiver. add a meta-data in app.
18# add two activities.
19# remove five activities and a receiver.
20# add a receiver.
21# add xmlns:tools. Change resource folder of app icon.
22# change package structure of an activity name.
23# remove use permissions.
24# add android:resizeableActivity="true" in six activities.
25# revert 24#.
26# remove portrait orientation from five activities.
27# formatting change.
28# remove an action from an intent filter of an activity. add an intent filter in an activity.
29# add a use permission and a service.
30# revert 29#.
31# change value of a meta-data in app.
32# remove a meta-data from app.
33# add theme in an activity.
34# remove a meta-data from app.
35# revert 34#
36# add a receiver.
37# add a meta-data in app.
38# add round icon in app.
39# remove a receiver.
40#, 41# remove an activity.
42# add windowSoftInputMode="adjustResize" in an activity. change package structure of three receivers names.
43# add theme in two activities.
44# change package structure of an activity and three receiver names. add singleInstance launch mode in an activity. add an activity.
45# add a use permission. remove an intent filter from a receiver. Add a service. Change an action name of an intent filter of a receiver.
46# remove a data from an intent filter of a receiver.
47# add an activity and make it main activity. add a provider.

856. <https://github.com/KodarkKooperativet/NotificationStopwatch>

Project created date: 2013-09-02

Download in play store: 1,000 - 5,000

Commit period: Oct 4, 2013 to Apr 7, 2015 – 1 yr. 6 months

Commit number: 6

No. of developers involved: 1

App components: activity – 3 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 4

1# version update.

2# version update. Upgrade target sdk from 18 to 19.

3# version update.

4# version update. Upgrade target sdk from 19 to 21.

5# add two activities.

6# upgrade target sdk from 21 to 22. Remove singleTop launch mode from an activity. add
excludeFromRecents="true" in two activities. Add documentLaunchMode="always" in an activity.

857. <https://github.com/enricocid/Storage-USB>

Project created date: 2016-01-02

Download in play store: 10,000 - 50,000

Commit period:

Commit number: 0

858. <https://github.com/westnordost/StreetComplete>

Project created date: 2016-07-02

Download in play store: 10,000 - 50,000

Commit period: Sep 10, 2016 to Nov 16, 2017 – 1 yr. 2 months

Commit number: 23

No. of developers involved: 3 (21, 1, 1)

App components: activity – 3 service – 2 receiver – provider – 1

1# add app name.

2# add windowSoftInputMode="adjustPan" in an activity.

3# change app theme.

4# add two services.

5# change package structure of a service name.

6# change package name. use fully qualified name in app and component names.

7# change label, use shorthand in parent activity name, and remove parent activity meta-data from
an activity. add two new activities.

8# remove an activity. add an activity.

9# add a receiver.

10# add a use permission, a receiver, and a service.

11# change window soft to adjustResize in an activity.

12# add an intent filter in an activity.

13# move an intent filter from an activity. add singleTop launch mode in an activity.

14# change launch mode to singleTask in an activity.

15# remove an activity.

16# change package structure of a service name.

17# add supportsRtl="true".

18# add maxSdkVersion in a use permission. add a service.

- 19# remove a receiver and two services.
- 20# add xmlns:tools. Add a use permission.
- 21# add a use permission, a use feature, and a provider.
- 22# use shorthand in app and two services names. Remove an activity. add a new activity.
- 23# replace string constant with string resource in an authorities of a provider.

859. <https://github.com/LonamiWebs/Stringlate>

Project created date: 2016-11-26

Download in play store:

Commit period: Nov 27, 2016 to Sep 1, 2017 – 9 months

Commit number: 31

No. of developers involved: 3 (27, 3, 1)

App components: activity – 11 service – receiver – provider –

- 1# add fullBackupContent="true" in application.
- 2# add an activity.
- 3# add an intent filter in an activity.
- 4# change package structure of 3 activities names. Add an activity.
- 5# add a meta-data in an activity.
- 6# change package structure of 4 activities names.
- 7# remove an activity. add an activity.
- 8# add label in an activity.
- 9# add a data in an intent filter of an activity.
- 10# add an activity.
- 11# remove a data from an intent filter of an activity.
- 12# change package structure of an activity name. add an activity.
- 13# add an activity.
- 14# change package structure of an activity name and add an activity.
- 15#, 16# add an activity.
- 17# add portrait orientation in six activities.
- 18# add a use permission.
- 19# add exported="true" and an intent filter in an activity.
- 20# add a use permission.
- 21# remove theme from an activity.
- 22# remove maxSdkVersion from a use permission.
- 23# add a use permission. add maxSdkVersion in a use permission.
- 24# add an intent filter in an activity.
- 25# remove an activity. add an activity.
- 26# revert 24#.
- 27# add an activity.
- 28# remove portrait orientation from two activities.
- 29# remove portrait orientation from four activities.
- 30# add a meta-data in app. remove an activity. add a setting activity.
- 31# change name of an activity.

860. <https://github.com/cryxd/Studiportal-Checker>

Project created date: 2014-07-17

Download in play store: 1,000 - 5,000

Commit period: Feb 7, 2015 to Jul 11, 2016 – 1 yr. 5 months

Commit number: 14

No. of developers involved: 1

App components: activity – 5 service – receiver – 1 provider –

Exclusive version and uses-sdk related commit: 8

1# upgrade target sdk from 20 to 21.

2# add windowSoftInputMode="stateVisible" in an activity.

3# remove an intent filter and a meta-data from an activity.

4# revert 2#.

5# revert 3#.

6# add a use permission. add an intent filter in a receiver.

7#, 8#, 9#, 10#, 11# version update.

12# upgrade target sdk from 21 to 24.

13# remove version and uses-sdk.

14# add portrait orientation in four activities.

861. <https://github.com/SecUso/privacy-friendly-sudoku>

Project created date: 2015-11-06

Download in play store: 10,000 - 50,000

Commit period: Nov 10, 2015 to Jun 29, 2017 – 1 yr. 7 months

Commit number: 17

No. of developers involved: 3 (11, 4, 2)

App components: activity – 9 service – 1 receiver – provider –

1# change name of an activity.

2# add two activities. Change name and label of an activity. move main intent filter to another activity.

3# add portrait orientation in an activity.

4# change package name. use fully qualified name in activities names. Add an activity.

5# remove parent activity meta-data from an activity.

6# use fully qualified name in an activity.

7# add an activity.

8# add label and theme in an activity. remove an activity.

9# add an activity.

10# formatting change.

11# add an activity.

12# change package name. change package name in 6 activities names. Remove label from an activity.

13# remove portrait orientation from an activity. add an activity.

14# formatting change.

15# add a new activity and make it main activity.

16# add a service.

17# add an activity.

862. <https://github.com/pejic/Summation>

Project created date: 2014-01-02

Download in play store:

Commit period: Nov 7, 2013 to Nov 21, 2016 – 3 yrs.

Commit number: 5

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# add app name. Add an activity.

2# use fully qualified name in app name. add an activity.

3# version update. Upgrade target sdk from 18 to 19.

4#, 5# version update.

863. <https://github.com/forrestguice/SuntimesWidget>

Project created date: 2015-02-23

Download in play store:

Commit period: Mar 9, 2015 to Nov 29, 2017 – 2 yrs. 8 months

Commit number: 33

No. of developers involved: 1

App components: activity – 8 service – 1 receiver – 3 provider –

1# change app icon.

2# change resource of a meta-data of a receiver.

3# add a service.

4# add a use permission. use shorthand in component names. Add label and change resource of a meta-data in a receiver. Add an activity and a receiver. Change name and add enabled in a service. remove an activity. add an activity.

5# add an activity.

6# add a use permission and an activity.

7# change label of a receiver and add an activity.

8# add a use permission.

9# add an action, a category, and a data in an intent filter of an activity.

10# split an intent filter into two.

11# formatting change.

12#, 13#, 14#, 15# no changes.

16# add supportsRtl="true".

17# add a use permission.

18# add an action in two intent filters of two receivers.

19# change allowBackup to false.

20#, 21# add an activity.

22# change name of an activity. remove an activity. add an activity.

23# revert 19#.

24# add app name.

25# add xmlns:tools. Add <uses-sdk tools:overrideLibrary="com.flask.colorpicker" />.
26# change resource of a meta-data in a receiver.
27# add a receiver.
28#, 29# change name of a receiver.
30# change name of an activity.
31# add an activity.
32# change comments.
33# add android:fullBackupContent in application.

864. <https://github.com/xxv/SuperGenPass>

Project created date: 2013-09-24
Download in play store: 10,000 - 50,000
Commit period: Nov 30, 2015 to Jan 2, 2016 – 1 month
Commit number: 4
No. of developers involved: 1
App components: activity – 3 service – receiver – provider – 1
Exclusive version and uses-sdk related commit: 1

1# remove version and uses-sdk.
2# replace package name with a placeholder in a permission and a provider.
3# use shorthand in an activity name. remove an activity. add an activity.
4# add a use permission and a use feature. Add an intent filter in an activity.

865. <https://github.com/phhusson/Superuser>

Project created date: 2015-07-25
Download in play store: 5,000,000 - 10,000,000
Commit period: Feb 17, 2013 to Jan 15, 2016 – 2 yrs. 11 months
Commit number: 64
No. of developers involved: 5 (57, 4, 1, 1, 1)
App components: activity – 4 service – receiver – 3 provider –
Exclusive version and uses-sdk related commit: 35

1# add two permissions. add singleTask launch mode and android:permission in an activity. add an activity. protect a receiver with a permission.
2# change theme of an activity.
3# add app name. use shorthand in two activities names. Remove android:permission and launch mode and add configChanges in an activity. add an activity. add configChanges in an activity.
4# add theme in an activity. change theme of an activity.
5# add noHistory="true" in two activities. Add exported="false" in an activity.
6# change name of two permissions. add a permission. add allowClearUserData="false" in application. Add noHistory="true" in an activity. change android:permission value in an activity. remove an intent filter from a receiver. Add an activity.
7# add a use permission. add protection level, description, logo, icon, and label in a permission.
8# add an activity.
9# version update.
10# remove noHistory="true" from an activity.

11# add a permission group. Add android:permissionGroup in a permission.
 12# remove an activity.
 13# change protection level in two permissions.
 14#, 15# change app theme.
 16# change label in a permission, a permission group, and three activities.
 17# change value of priority in a permission group.
 18# remove noHistory="true" from three activities and add excludeFromRecents="true" in four activities.
 19# add noHistory="true" in an activity.
 20# remove excludeFromRecents="true" and noHistory="true" from an activity. add taskAffinity in three activities.
 21#, 22#, 23#, 24#, 25# version update.
 26# add a use permission and a receiver.
 27#, 28#, 29# version update.
 30# add process in three activities.
 31# version update.
 32# add theme in an activity.
 33# remove configChanges from an activity.
 34#, 35#, 36#, 37#, 38#, 39#, 40# version update.
 41# add a receiver.
 42#, 43#, 44#, 45#, 46# version update.
 47# upgrade target sdk from 17 to 18.
 48#, 49#, 50# version update.
 51# version update. Upgrade target sdk from 18 to 19.
 52#, 53#, 54#, 55# version update.
 56# upgrade min sdk from 8 to 14.
 57# add xmlns:tools. Remove min and target sdk and add tools:node="replace" in uses-sdk.
 58# formatting change.
 59# remove xmlns:tools and uses-sdk.
 60# version update.
 61# remove a permission, a permission group, and a use permission.
 62# version update.
 63# remove a data from an intent filter of a receiver.
 64# version update.

866. <https://github.com/zoff99/surespot-android>

Project created date: 2016-02-10

Download in play store: 100,000 - 500,000

Commit period: Aug 24, 2015 to May 10, 2016 – 8 months

Commit number: 18

No. of developers involved: 2 (11, 7)

App components: activity – 16 service – 6 receiver – 2 provider –

Exclusive version and uses-sdk related commit: 3

1# upgrade target sdk from 18 to 23.

2# add an activity.
3# change name of an activity.
4# change name of an action in an intent filter of an activity.
5# add a service.
6# version update. Remove two activities.
7# version update. Add configChanges in an activity.
8# change name of a receiver. Add exported="true" and change a category name of the receiver.
Remove a service. Add three services.
9# change name of a service.
10# add screenSize in configChanges of an activity.
11# remove uses-sdk. Add a meta-data in app.
12# version update.
13# change app theme. Remove parent activity name and its meta-data from an activity.
14# version update. Change app theme.
15#, 16# change app theme.
17# version update. Add an intent filter in an activity.
18# version update.

867. <https://github.com/ligi/SurvivalManual>

Project created date: 2016-09-16
Download in play store: 1,000,000 - 5,000,000
Commit period: Sep 26, 2016 to Dec 25, 2016 – 3 months
Commit number: 8
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –

1# formatting change.
2# add app name.
3# add an activity.
4# add a use permission sdk-23 and an activity.
5# add install location auto in application.
6# add two intent filters in an activity.
7# change package structure of three activities names.
8# move install location in manifest tag.

868. <https://github.com/VelbazhdSoftwareLLC/SvarkaOddsCalculator>

Project created date: 2015-01-19
Download in play store: 500 - 1,000
Commit period: Jan 19, 2015 to Jul 3, 2015 – 5 months
Commit number: 6
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# add xml encoding tag. Add an activity.
2# change app theme.

3# add two activities.
4# change app icon.
5# version update.
6# version update. Add a use permission. add a new activity and make it main activity.

869. <https://github.com/theScrabi/SVG-redirect>

Project created date: 2016-03-14
Download in play store:
Commit period: Apr 28, 2016 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –

1# add a data in an intent filter.

870. <https://github.com/adrianchifor/Swiftnotes>

Project created date: 2014-08-23
Download in play store: 1,000 - 5,000
Commit period: Feb 6, 2015 to Mar 31, 2015 – 1 month
Commit number: 3
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

1# remove version and uses-sdk. Change app theme. Remove logo from two activities. Change screen orientation to sensorPortrait in an activity. add configChanges and fullSensor screen orientation in an activity.
2# remove screen orientation from two activities.
3# add configChanges in an activity.

871. <https://github.com/err4nt/SwpieView>

Project created date: 2017-10-22
Download in play store:
Commit period: Mar 25, 2017 to Dec 4, 2017 – 8 months
Commit number: 3
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

1# add a provider.
2# remove an activity and a provider. Add scheme in a data.
3# split an activity into two activities.

872. <https://github.com/n76/Symphony>

Project created date: 2017-07-20
Download in play store:
Commit period: Jul 23, 2017 to Jul 31, 2017 – 8 days
Commit number: 4
No. of developers involved: 1

App components: activity – 1 service – 1 receiver – provider –

1# remove a use permission.

2# change app icon and remove round icon.

3# remove portrait orientation from an activity.

4# add configChanges in an activity.

873. <https://github.com/Kadabash/SyncOnWifi>

Project created date: 2017-04-07

Download in play store:

Commit period: Apr 7, 2017 to Jun 12, 2017 – 2 months

Commit number: 10

No. of developers involved: 1

App components: activity – 4 service – receiver – 3 provider –

1# add a receiver.

2# add a use permission.

3# add use permissions.

4# change name of an activity.

5#, 6# add an activity.

7# change app icon and round icon.

8# add an activity.

9# add a receiver.

10# add a use permission and a receiver.

874. <https://github.com/wizmer/syncorg>

Project created date: 2016-02-19

Download in play store: 1,000 - 5,000

Commit period: Sep 21, 2016 to Mar 19, 2017 – 6 months

Commit number: 11

No. of developers involved: 1

App components: activity – 25 service – receiver – provider – 2

1# change package name. change app name and label. Change package name in two actions of two intent filters. Change label of four activities.

2# add a provider.

3# add an activity.

4# add use permissions and an activity.

5# remove use permissions and two activities.

6#, 7# add an activity.

8# remove a service and a receiver. Change name of an activity. add two activities.

9# formatting change.

10# remove an intent filter from an activity. change name of an activity. add two activities.

11# remove use permissions.

875. <https://github.com/PowerInside/syncplayer>

Project created date: 2017-05-07

Download in play store: 1,000 - 5,000

Commit period: Jun 2, 2017 – 1 day

Commit number: 4

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – provider –

1# remove app name.

2# change name of an activity.

3# remove an activity.

4# add xmlns:tools. Add tools:targetApi="n" in an activity.

876. <https://github.com/syncthing/syncthing-android>

Project created date: 2014-02-22

Download in play store: 50,000 - 100,000

Commit period: Oct 17, 2017 to Nov 13, 2017 – 1 month

Commit number: 4

No. of developers involved: 1

App components: activity – 11 service – 1 receiver – 2 provider –

1#, 2#, 3# no changes.

4# add configChanges in an activity.

877. <https://github.com/scheich/SyncWifi>

Project created date: 2012-10-23

Download in play store: XXXXXXXX

Commit period: Oct 27, 2012 – 1 day

Commit number: 2

No. of developers involved: 1

App components: activity – 1 service – receiver – 1 provider –

Exclusive version and uses-sdk related commit: 1

1# add an action in an intent filter of a receiver.

2# version update.

878. <https://github.com/Tortel/SysLog>

Project created date: 2012-10-31

Download in play store: 100,000 - 500,000

Commit period: Jan 2, 2015 to Jul 13, 2017 – 2 yrs. 6 months

Commit number: 7

No. of developers involved: 1

App components: activity – 2 service – receiver – provider – 1

Exclusive version and uses-sdk related commit: 3

1# version update.

2# add an activity.

3# version update.

4# remove an activity. add an activity.

5# change label of an activity.

6# remove version name and code.
7# add a provider.

879. <https://github.com/Andre1299/TUI-ConsoleLauncher>

Project created date: 2016-05-11

Download in play store: 100,000 - 500,000

Commit period: May 30, 2016 to Sep 5, 2017 – 1 yr. 3 months

Commit number: 21

No. of developers involved: 1

App components: activity – 3 service – 4 receiver – 1 provider –

1# add app name.

2# revert 1#.

3# add excludeFromRecents="true" in an activity.

4# add a permission. remove excludeFromRecents="true" and a category from an activity. change launch mode to singleInstance in an activity. add a provider.

5# add use permissions.

6# add a use feature.

7# replace placeholder with package name in an authorities of a provider.

8# remove a use permission. change app theme. Remove keyboard|screenLayout|uiMode from configChanges, add excludeFromRecents="true" and a category, change launch mode to singleTask in an activity. change package structure of a service name. change theme, remove label, and add window soft in an activity. change value of a meta-data in an activity. remove an activity. add an activity. remove a provider.

9# change theme of an activity.

10# add a use permission. add label and two intent filters in an activity.

11# add use permissions and a use feature. Remove excludeFromRecents="true" and add clearTaskOnLaunch="true", resumeWhilePausing="true", taskAffinity="", and enabled="true" in an activity. add excludeFromRecents="true" and noHistory="true" in an activity. add excludeFromRecents="true" in an activity. add a service and an activity.

12# add keyboard|navigation in configChanges of an activity. add excludeFromRecents="true" in an activity.

13# remove an activity.

14# add use features. Change launch mode to singleInstance in an activity. remove stopWithTask="true" from a service.

15# add a permission and a use permission. change launch mode to singleTask and add two data elements in an intent filter of an activity.

16# remove two permissions and a use permission.

17# add a use permission.

18# remove a use permission.

19# add a permission and a use permission. add description in a receiver. Add a service.

20# add use permissions.

21# add a service.

880. <https://github.com/inorichi/tachiyomi>

Project created date: 2015-10-07

Download in play store:

Commit period: Sep 26, 2015 to Dec 3, 2017 – 2 yrs. 2 months

Commit number: 70

No. of developers involved: 4 (56, 12, 1, 1)

App components: activity – 4 service – 5 receiver – 1 provider – 3

1# use shorthand in an activity name. remove a receiver and add an activity.

2# add a use permission.

3# add an activity.

4# change name of an activity.

5# add an activity.

6# add singleTop launch mode in two activities.

7# remove an activity.

8# remove a meta-data from an activity. remove singleTop launch mode from an activity.

9# add an activity.

10# change name of an activity.

11# remove an activity.

12# add setting activity.

13# add a service and a receiver.

14# add a service.

15# add a use permission.

16# change package structure of four activities and two parent activities names. Change name of an activity and name of a parent activity and its meta-data.

17# change package structure in an activity, 2 services, and a receiver.

18# remove label from three activities. Change label of an activity. remove theme from an activity.

19# remove singleTop launch mode from an activity.

20# add hardwareAccelerated="true" in an activity.

21# change theme of an activity.

22# add a service.

23# add an activity.

24# change name of a service.

25# remove theme from an activity.

26# add an activity.

27# add a meta-data in app.

28# move hardwareAccelerated="true" from an activity to application.

29# add a use permission and a receiver.

30# change package name. change package name in a meta-data.

31# change package structure in 2 services and 2 receivers.

32# change package structure of an activity name.

33# add a use permission.

34# add a receiver.

35# add theme in an activity.

36# change theme in app and an activity.

37# add theme in an activity.

38# enable large heap.
39# remove parent activity name and its meta-data from an activity.
40# remove a receiver. add a receiver.
41# change name of a receiver. Add three receivers.
42# change name of a meta-data in app.
43# remove two receivers. Add a receiver and two services.
44# remove three receivers. Add a service.
45# add a use permission. add exported="true" in an activity.
46# add xmlns:tools and a use permission.
47# remove theme from an activity.
48# add a receiver.
49# change package structure of a receiver name.
50# add a provider.
51# remove two services.
52# replace package name with placeholder in an authorities of a provider.
53# add an activity. change name of a service.
54# add an activity and a receiver. Remove three receivers.
55# add a provider.
56# syntax change.
57# add a provider.
58# remove a service.
59# change package structure of an activity name. add two services.
60# add round icon. Add a meta-data in an activity.
61# remove two activities.
62#, 63# remove an activity.
64# add singleTask launch mode in an activity.
65# remove xmlns:tools and a use permission.
66# change launch mode to singleTop in an activity.
67# formatting change.
68# remove a meta-data from app.
69# formatting change.
70# add a use permission.

881. <https://github.com/trikita/talalarmo>

Project created date: 2016-03-22

Download in play store: 5,000 - 10,000

Commit period: Mar 22, 2016 to Jul 17, 2016 – 4 months

Commit number: 7

No. of developers involved: 3 (3, 3, 1)

App components: activity – 3 service – 1 receiver – 2 provider –

1# add portrait orientation in an activity.

2# add setting activity.

3# add an intent filter in a receiver.

4# remove version name and code. Add install location internalOnly.

- 5# change label of an activity.
- 6# remove portrait orientation from an activity.
- 7# add a use permission.

882. <https://github.com/gabm/TapAndTurn>

Project created date: 2016-10-31

Download in play store: 1,000 - 5,000

Commit period: Oct 31, 2016 to May 23, 2017 – 6 months

Commit number: 8

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – 1 provider –

1# change package structure of a service name.

2# change package name.

3# change package name. use fully qualified name in an activity and a service name. change app icon.

4# change app icon.

5# add app name.

6# change package structure of an activity name.

7# add a use permission and a receiver.

8# use shorthand in a service name.

883. <https://github.com/farmerbb/Taskbar>

Project created date: 2016-08-05

Download in play store: 100,000 - 500,000

Commit period: Aug 24, 2017 to Oct 24, 2017 – 2 months

Commit number: 5

No. of developers involved: 1

App components: activity – 24 service – 6 receiver – 10 provider –

Exclusive version and uses-sdk related commit: 5

1# version update. Upgrade min and target sdk from 25 to 26.

2#, 3#, 4# version update.

5# remove version and uses-sdk.

884. <https://github.com/tasks/tasks>

Project created date: 2013-07-18

Download in play store: 100,000 - 500,000

Commit period: Aug 12, 2017 to Oct 6, 2017 – 1 month

Commit number: 7

No. of developers involved: 1

App components: activity – 36 service – 12 receiver – 15 provider – 4

1# add eight receivers. Remove an action from an intent filter of a receiver. Remove an intent filter from four receivers. Remove two receivers. Protect eight services with a permission. add a service.

2# change a receiver and a service name. remove a service and a receiver.

3# change name of a service. Add a receiver.

4# remove a receiver.

5# remove four receivers. Add a service.
6# add an intent filter in an activity.
7# add round icon.

885. <https://github.com/ralphleon/TeaTimer>

Project created date: 2009-07-29
Download in play store: 10,000 - 50,000
Commit period: Aug 10, 2009 to Sep 16, 2013 – 4 yrs. 1 month
Commit number: 17
No. of developers involved: 3 (14, 2, 1)
App components: activity – 2 service – receiver – 1 provider –
Exclusive version and uses-sdk related commit: 5

1# change name of an activity and a service.
2# add a use permission and an activity.
3# add singleTask launch mode in an activity.
4# version update.
5# change package name.
6# version update. Change debuggable to false.
7# change package name.
8# version update.
9# add a use permission.
10# version update. Remove a service. Add a receiver.
11# version update. Remove a use permission.
12# version update.
13# add a use permission.
14# no changes.
15# add target sdk.
16# formatting change.
17# version update. Upgrade target sdk from 4 to 17.

886. <https://github.com/yourealwaysbe/teacup>

Project created date: 2012-12-31
Download in play store:
Commit period: Dec 30, 2012 to Aug 31, 2017 – 4 yrs. 8 months
Commit number: 32
No. of developers involved: 1
App components: activity – 1 service – 2 receiver – 2 provider –
Exclusive version and uses-sdk related commit: 10

1# add action elements in an intent filter of a receiver. Remove a service.
2# split a receiver into two receivers.
3# add an action in an intent filter of a receiver.
4# add action lements in an intent filter of a receiver.
5# change package name. change name of an receiver. Remove a receiver. add a receiver.
6# add action elements in an intent filter of a receiver.

7# add a use permission. change name and add a category in an intent filter of an activity. remove a receiver. Add a service.
 8# add windowSoftInputMode="stateUnchanged" in an activity.
 9# formatting change.
 10# remove an action from an intent filter of a service. Add a receiver.
 11# add an action in two intent filters.
 12# add a use permission.
 13# add a service.
 14# add exported="false" in two services.
 15# add a use permission.
 16# add a receiver.
 17# add a use permission.
 18# remove a receiver.
 19# upgrade target sdk from 10 to 17.
 20# add a comment.
 21#, 22# change a comment.
 23# formatting change.
 24#, 25#, 26#, 27#, 28#, 29#, 30#, 31#, 32# version update.

887. <https://github.com/Telegram-FOSS-Team/Telegram-FOSS>

Project created date: 2014-02-20

Download in play store: 100,000,000 - 500,000,000

Commit period: Nov 4, 2013 to Dec 2, 2017 – 4 yrs. 1 month

Commit number: 54

No. of developers involved: 2 (51, 3)

App components: activity – 9 service – 11 receiver – 11 provider – 1

Exclusive version and uses-sdk related commit: 8

1# version update. Upgrade target sdk from 18 to 19. Add use features.
 2# version update. Add a use feature. Change app theme. Enable large heap. Add portrait orientation in two activities. add an activity.
 3#, 4#, 5#, 6# version update.
 7# version update. Add a meta-data in app.
 8# version update. Add two services.
 9# version update. Add a use permission. change allowBackup to false. Add three intent filters in an activity. remove two services.
 10#, 11# version update.
 12# version update. Add a use permission. change value of a meta-data in app. Remove an activity. move main intent filter to another activity. remove theme from an activity.
 13# version update. remove an activity. add an activity.
 14#, 15# version update.
 16# version update. Remove two use permissions. change value of a meta-data in app.
 17# add a use permission.
 18# remove version and uses-sdk. Remove permissions, use permissions, and use features. Add a use feature. Remove two meta-data, an activity, a receiver, and a uses-library.

19# add install location auto in application.
20# move install location to manifest.
21# remove singleTask launch mode from an activity.
22# add singleTask launch mode in an activity.
23# add a use permission, a service, and a receiver.
24# remove two activities.
25# remove an activity.
26# add a category in an intent filter of an activity. add an activity. change package structure of 3 services and 2 receivers. Add a uses-library and five meta-data in app.
27# add a service.
28# change required to false in a use feature.
29# remove portrait orientation from an activity.
30# add a service.
31# add a receiver.
32# change window soft value to adjustPan in an activity.
33# use shorthand in app name. add two intent filters in an activity.
34# add a service.
35# replace string constant with bool resource in hardwareAccelerated of app and an activity.
36# add a meta-data and two receivers.
37# remove a service. Add a service and a receiver.
38# use shorthand in component names.
39# remove a use permission and use features. Add a use permission. add a meta-data and a service.
40# remove app label. Use fully qualified name in a service name.
41# add manageSpaceActivity in an activity. add an activity and a service.
42# add exported="false" in two receivers. Add a receiver.
43# add data elements in an intent filter.
44# add a receiver.
45# add use features, use permissions, an activity, a service, and a meta-data.
46# add a receiver.
47# add a use permission, a receiver, a provider, an activity, and a meta-data. add resizeModeActivity="false" in an activity.
48# add use permissions. add data in an intent filter. add three activities, two services, a receiver, and a meta-data.
49# add round icon. Add data elements in an intent filter. add an activity, two services, and three meta-data.
50# add singleTask launch mode in an activity. remove an activity and a service.
51# add a service and four receivers.
52#, 53# remove a meta-data from app.
54# remove a service and two meta-data.

888. <https://github.com/jlelse/teleposter>

Project created date: 2016-11-23

Download in play store: 1,000 - 5,000

Commit period: Nov 25, 2016 to Jul 16, 2017 – 7 months

Commit number: 7

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# change allowBackup to false. Add an intent filter in an activity.

2# add a use permission.

3# add a use feature.

4# formatting change.

5# add configChanges in an activity.

6# change app icon.

7# add install location auto.

889. <https://github.com/davidar/tensor>

Project created date: 2015-11-02

Download in play store:

Commit period: Apr 12, 2016 to Apr 23, 2016 – 11 days

Commit number: 2

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# remove encoding attribute. Change package name. version update. Change app label and add app icon. Change label of an activity.

2# version update. Upgrade min sdk from 9 to 11 and target sdk from 14 to 23.

890. <https://github.com/jackpal/Android-Terminal-Emulator>

Project created date: 2010-09-04

Download in play store: 10,000,000 - 50,000,000

Commit period: Dec 15, 2014 to Apr 16, 2015 – 4 months

Commit number: 14

No. of developers involved: 3 (11, 2, 1)

App components: activity – 10 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 8

1# version update.

2# replace an activity alias with an activity. remove target activity name and add excludeFromRecents="true" in the activity.

3# version update.

4# add an activity.

5# version update.

6# remove uses-sdk. Add an intent filter in a service.

7#, 8# version update.

9# add theme in an activity.

10# revert 9#.

11# add app theme. Remove theme from an activity.

12#, 13#, 14# version update.

891. <https://github.com/theScrabi/Terminightor>

Project created date: 2015-10-18

Download in play store: 1 - 5

Commit period: Dec 1, 2015 to Apr 14, 2017 – 1 yr. 4 months

Commit number: 3

No. of developers involved: 1

App components: activity – 5 service – 1 receiver – 2 provider –

1# add theme in an activity.

2# add a use permission.

3# change android:title of an activity.

892. <https://github.com/termux/termux-app>

Project created date: 2015-10-23

Download in play store: 500,000 - 1,000,000

Commit period: Oct 26, 2015 to Dec 7, 2017 – 2 yrs. 1 month

Commit number: 24

No. of developers involved: 3 (21, 2, 1)

App components: activity – 4 service – 1 receiver – 1 provider – 2

Exclusive version and uses-sdk related commit: 2

1# remove version name and code.

2# remove uses-sdk.

3# add an activity and a provider.

4# add android:fullBackupContent in application.

5# change theme of an activity.

6# change label and add theme and parent activity name in an activity.

7# formatting change.

8# add an activity.

9# remove an action and a data and add data elements in an intent filter of an activity.

10# correct readPermission value of a provider.

11# remove an action from an intent filter and add an intent filter in an activity.

12# add a provider.

13# remove an activity and a provider.

14# add round icon.

15# change app icon and round icon.

16# add a meta-data in an activity.

17# add a receiver and a provider.

18# add android:extractNativeLibs="false" in application.

19# add an activity alias.

20# change value of android:extractNativeLibs to true.

21# add a meta-data in application.

22# change a comment.

23# add xmlns:tools. Add tools:ignore="AppLinkUrlError" in an intent filter.

24# add a meta-data in app.

893. <https://github.com/RinatKurmaev/Tether-companion>

Project created date: 2015-11-21

Download in play store:

Commit period: Dec 22, 2015 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – provider –

1# change app icon.

894. <https://github.com/paulmach/Text-Edit-for-Android>

Project created date: 2010-08-16

Download in play store:

Commit period: Dec 31, 2010 to Sep 4, 2011 – 8 months

Commit number: 5

No. of developers involved: 1

App components: activity – 3 service – receiver – provider – 1

Exclusive version and uses-sdk related commit: 2

1# version update. Add singleTop launch mode in an activity.

2# upgrade min sdk from 3 to 7. Add supports-screens.

3# add a use permission.

4#, 5# version update.

895. https://github.com/francescosoave/TIS_android

Project created date: 2017-07-09

Download in play store: 50 - 100

Commit period: Jul 10, 2017 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# remove portrait orientation from an activity.

896. <https://github.com/TheFakeMontyOnTheRun/knightsofalentajo>

Project created date: 2015-05-17

Download in play store: 100 - 500

Commit period: May 18, 2015 to Oct 2, 2016 – 1 yr. 4 months

Commit number: 8

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# formatting change.

2# upgrade min sdk from 4 to 15. Replace string constant with string resource in label of four activities. Add parent activity name and its meta-data in four activities.

3# version update. Downgrade min sdk from 15 to 8.

4# version update. Remove uses-sdk.

5# remove landscape orientation from five activities.
6# add a use feature.
7# change app icon.
8# version update.

897. <https://github.com/scheich/Throughput>

Project created date: 2013-10-08
Download in play store: XXXXXXXX
Commit period: Oct 9, 2013 to Jul 28, 2017 – 3 yrs. 9 months
Commit number: 15
No. of developers involved: 2 (9, 6)
App components: activity – 1 service – 1 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 15

1#, 2# version update.
3# version update. Upgrade target sdk from 18 to 19.
4#, 5# version update.
6# version update. Upgrade target sdk from 19 to 22.
7#, 8#, 9#, 10#, 11#, 12#, 13#, 14#, 15# version update.

898. <https://github.com/meoblast001/thugaim>

Project created date: 2013-11-10
Download in play store: 10 - 50
Commit period: Dec 11, 2013 to Dec 30, 2016 – 3 yrs.
Commit number: 10
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# add a new activity and make it main activity.
2# add theme and landscape orientation in an activity.
3# add an activity.
4# add app icon.
5# formatting change.
6# add an activity.
7# add use permissions. add a meta-data and an activity in app.
8# add unrecognized tags.
9# revert 7# and 8#.
10# version update.

899. <https://github.com/lordi/tickmate>

Project created date: 2014-01-12
Download in play store: 1,000 - 5,000
Commit period: May 3, 2015 to Sep 10, 2017 – 2 yrs. 4 months
Commit number: 26
No. of developers involved: 3 (23, 2, 1)

App components: activity – 10 service – receiver – 2 provider –

Exclusive version and uses-sdk related commit: 17

1# add parent activity name in an activity. remove a parent activity meta-data from two activities.

2# add an activity.

3# change name of an activity.

4#, 5# change label of an activity.

6# version update.

7# add app name. add three activities.

8# version update. Upgrade target sdk from 21 to 23.

9#, 10# version update.

11# add maxSdkVersion in two use permissions.

12#, 13#, 14#, 15#, 16#, 17#, 18# version update.

19# remove uses-sdk.

20#, 21#, 22#, 23# version update.

24# add two receivers.

25# add use permissions.

26# version update.

900. <https://github.com/naman14/Timber>

Project created date: 2015-06-12

Download in play store: 100,000 - 500,000

Commit period: Jun 13, 2015 to Jun 12, 2017 – 2 yrs.

Commit number: 32

No. of developers involved: 3 (25, 3, 2, 1, 1)

App components: activity – 6 service – 2 receiver – 4 provider –

1# add use permissions. add singleTop launch mode and portrait orientation in an activity.

2# add use permissions.

3# add app name.

4# add use permissions and a service.

5# change package structure of an activity name.

6# remove singleTop launch mode from an activity.

7# add setting activity.

8# add an activity.

9# add theme in an activity. add an activity.

10# change theme in app and three activities.

11# change app icon.

12# remove use permissions.

13# add a receiver.

14# add an activity.

15# add two activities.

16# change app theme.

17# revert 15#.

18# add xmlns:tools and <uses-sdk tools:overrideLibrary="de.Maxr1998.trackselectorlib" />.

19# add a service.

20# add a category in an intent filter of an activity.
21# add three intent filters in an activity.
22# add a receiver.
23# add a meta-data in app.
24# add a use permission and an activity.
25# add a receiver.
26# change allowBackup to false.
27# add tools:replace="android:allowBackup" in application.
28#, 29# add a receiver.
30# change value of a meta-data.
31# revert 30#.
32# replace string resource with placeholder in label of app and an activity. add android:label in tools:replace of application.

901. <https://github.com/ThibaudM/timelapse-sony>

Project created date: 2013-12-22

Download in play store: 100,000 - 500,000

Commit period: Feb 16, 2016 to Dec 4, 2017 – 1 yr. 9 months

Commit number: 10

No. of developers involved: 3 (23, 2, 1)

App components: activity – 4 service – 1 receiver – provider – 1

Exclusive version and uses-sdk related commit: 4

1# version update. Remove uses-sdk. Add a use permission.

2#, 3# version update.

4# remove an activity. add five activities.

5# formatting change.

6# add xmlns:tools. Version update. Add <uses-sdk tools:overrideLibrary=""/>. Change app icon. remove three activities. Add two activities. Add singleInstance launch mode in an activity. add a service.

7# add a provider.

8# version update.

9# version update. Change value of tools:overrideLibrary in uses-sdk.

10# version update.

902. <https://github.com/ambrice/timesheet>

Project created date: 2009-05-12

Download in play store: 10,000 - 50,000

Commit period: May 12, 2009 to Jun 17, 2013 – 4 yrs. 1 month

Commit number: 12

No. of developers involved: 1

App components: activity – 6 service – 3 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 3

1# add an activity.

2# add two activities.

3# add debuggable="true".
4# change package name.
5# add app icon and remove debuggable="true". Change label of three activities. Add uses-sdk.
6# add an activity.
7# version update. Add an activity.
8# add a receiver and three services.
9#, 10# version update.
11# version update. Add a use permission. add theme in an activity. upgrade min sdk from 3 to 7.
12# version update.

903. <https://github.com/LuK1337/TimeTable2>

Project created date: 2015-09-11

Download in play store:

Commit period: Sep 15, 2015 to Sep 8, 2016 – 11 months

Commit number: 21

No. of developers involved: 1

App components: activity – 3 service – 6 receiver – 13 provider –

1# remove a use permission.
2# change package structure of two activities names.
3# change app theme.
4# change label of a receiver and resource value of a meta-data in the receiver. Add six receivers and six services.
5# change package structure of a service name. remove seven services.
6# add a use permission and two receivers.
7# add process in two receivers.
8# add a service.
9# add a use permission and a service.
10# remove two services and add three services. Change name and action name of a receiver. Add a receiver.
11# add a use permission, two services, and two receivers.
12# change package structure of 5 receivers and 5 services names. Change name of a receiver.
13# add android:fullBackupContent="true" in application.
14#, 15# formatting change.
16# add an activity. add enabled="@bool/widgetsEnabled" in eight receivers.
17# add app name.
18# replace (.) with (\$) in services and receivers names.
19# revert 18#.
20# add four meta-data in app.
21# change value of a meta-data in app.

904. <https://github.com/xperia64/timidity-ae>

Project created date: 2014-09-01

Download in play store: 1,000 - 5,000

Commit period: Apr 25, 2015 to Apr 7, 2017 – 1 yr. 11 months

Commit number: 26

No. of developers involved: 2 (24, 2)

App components: activity – 3 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 17

1# version update. Upgrade target sdk from 17 to 22. Add a use permission. add an intent filter in an activity. add an activity. change label of a receiver.

2# version update. Change launch mode to singleTask in an activity. remove an intent filter from an activity. split an intent filter into two.

3# change app theme.

4# version update. Upgrade target sdk from 22 to 23.

5# version update.

6# use fully qualified name in a receiver name.

7# version update.

8# add use features. Add an intent filter in an activity. correctly define attribute names in an activity.

9#, 10#, 11#, 12#, 13# version update.

14# upgrade min sdk from 7 to 9.

15# version update.

16# version update. Upgrade target sdk from 23 to 25.

17# add app banner.

18# add windowSoftInputMode="adjustPan|stateAlwaysHidden" in two activities.

19# formatting change.

20#, 21#, 22#, 23#, 24# version update.

25# no changes.

26# version update.

905. <https://github.com/pacien/tincapp>

Project created date: 2017-04-27

Download in play store: 10 - 50

Commit period: Jul 1, 2017 to Sep 7, 2017 – 2 months

Commit number: 11

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – provider –

1# add app name.

2#, 3# add an activity.

4# add xmlns:tools. Add tools:ignore="GoogleAppIndexingWarning" in application.

5# add an activity.

6# add two intent filters in an activity.

7# add a use permission. change name of an activity.

8# remove a use permission.

9# add configChanges in two activities.

10# add configChanges in an activity.

11# change theme of an activity.

906. https://github.com/Vilbrekin/tinc_gui

Project created date: 2012-08-21
Download in play store: 5,000 - 10,000
Commit period: Jan 15, 2015 to May 16, 2016 – 1 yr. 4 months
Commit number: 2
No. of developers involved: 1
App components: activity – 4 service – 1 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 2

1# version update.
2# version update. Remove min and target sdk.

907. <https://github.com/velazcod/Tinfoil-Facebook>

Project created date: 2011-10-25
Download in play store: 100,000 - 500,000
Commit period: Feb 21, 2017 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

1# add install location auto.

908. <https://github.com/redfish64/TinyTravelTracker>

Project created date: 2015-09-01
Download in play store: 100 - 500
Commit period: Oct 4, 2015 to Aug 1, 2017 – 1 yr. 10 months
Commit number: 45
No. of developers involved: 1
App components: activity – 26 service – 2 receiver – 1 provider – 42

1#, 2#, 3#, 4#, 5#, 6#, 7#, 8#, 9#, 10# version update.
11# version update. Remove an activity.
12# remove uses-sdk.
13# version update.
14# add app theme.
15# - 42# version update.
43# add use features.
44#, 45# version update.

909. <https://github.com/SecUSo/privacy-friendly-todo-list>

Project created date: 2016-04-28
Download in play store:
Commit period: May 19, 2016 to Nov 23, 2016 – 6 months
Commit number: 11
No. of developers involved: 3 (7, 2, 2)
App components: activity – 5 service – 1 receiver – 1 provider –

1# change label of an activity.
2# change package structure of two activities names.

3# change label of an activity.
4# add setting activity.
5# add a receiver and a service.
6# add an activity.
7# add a use permission, a service, and a receiver. Remove an activity, a service, and a receiver.
8# add an activity.
9# formatting change.
10# add a new activity and make it main activity.
11# add supports-screens.

910. <https://github.com/JakeLane/Toffeed>

Project created date: 2015-11-24
Download in play store: 10,000 - 50,000
Commit period: Nov 24, 2015 to Mar 20, 2016 – 4 months
Commit number: 14
No. of developers involved: 2 (13, 1)
App components: activity – 3 service – 1 receiver – 1 provider –

1# add a use permission.
2# add configChanges in an activity.
3# add an intent filter in an activity. add setting activity.
4#, 5# add a use permission.
6# add a meta-data in app. Add an activity.
7# enable hardware acceleration.
8# add hardwareAccelerated="true" in an activity.
9# add install location auto.
10# add windowSoftInputMode="adjustResize" in an activity.
11# add use permissions, a receiver, and a service.
12# add a use permission.
13# add an intent filter in an activity.
14# add a data in an intent filter of an activity.

911. <https://github.com/k3b/toGoZip>

Project created date: 2014-11-09
Download in play store:
Commit period: Nov 5, 2014 to Nov 20, 2017 – 3 yrs.
Commit number: 17
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 2

1# change package name. change label and add an intent filter in an activity. add a new activity.
2# change name of an activity.
3# add a use permission. add an intent filter in an activity.
4# add two actions in an intent filter and add an intent filter in an activity.
5# remove an activity.

6# change package name. remove app theme. Use fully qualified name in an activity name. remove two actions from an intent filter of an activity. add a new activity and make it main activity.
7# change package name. change package name in two activities names.
8# change label of an activity.
9# add install location preferExternal.
10# revert 9#.
11# formatting change.
12# repeat 9#.
13# change install location auto. Add two intent filters in an activity.
14# remove an intent filter and replace scheme with mime type in a data of an intent filter of an activity.
15# add data elements in an intent filter of an activity.
16# split an intent filter into two.
17# add version name and code.
18# revert 17#.

912. <https://github.com/Fortyseven/ToneDef>

Project created date: 2014-04-07
Download in play store: 10,000 - 50,000
Commit period: Apr 12, 2014 to Jan 17, 2016 – 1 yr. 9 months
Commit number: 6
No. of developers involved: 1
App components: activity – 9 service – receiver – provider –

1# change package name. add debuggable="false". Use fully qualified name in activities names.
2# remove version and uses-sdk. Remove debuggable="false" and add allowBackup="true".
3# formatting change.
4# remove four activities.
5# use shorthand in activities names. Add an activity.
6# add an intent filter in an activity. add an activity.

913. <https://github.com/hgdev-ch/toposuite-android>

Project created date: 2014-04-16
Download in play store: 1,000 - 5,000
Commit period: Mar 30, 2016 to Jan 15, 2017 – 9 months
Commit number: 27
No. of developers involved: 1
App components: activity – 39 service – receiver – provider – 1
Exclusive version and uses-sdk related commit: 13

1# remove uses-sdk.
2# version update.
3# add singleTask launch mode in two activities.
4# revert 3#.
5# split an activity into two activities.
6# formatting change.

7# split an activity into two activities.
8# add data elements in two intent filters.
9# version update.
10#, 11# remove noHistory="true" from an activity.
12#, 13# version update.
14#, 15# change name of an activity.
16# add a provider.
17# version update.
18# add data elements in an intent filter.
19# change value of resource of a meta-data in a provider.
20#, 21#, 22# version update.
23# add supportsRtl="false".
24#, 25#, 26#, 27# version update.

914. <https://github.com/MrDoomy/Torch>

Project created date: 2015-03-02
Download in play store: 1,000 - 5,000
Commit period:
Commit number: 0

915. <https://github.com/anselm94/Torchie-Android>

Project created date: 2016-01-31
Download in play store: 100,000 - 500,000
Commit period: Jan 22, 2016 to Jul 27, 2017 – 1 yr. 6 months
Commit number: 6
No. of developers involved: 1
App components: activity – 3 service – 1 receiver – 2 provider –

1# add a use permission.
2# add required="false" in two use features. Add an activity.
3# add copyright.
4# add a use permission and a receiver.
5# add configChanges and portrait orientation in an activity.
6# add app name. change parent activity name in an activity. Remove enabled="true" and exported="false" from a service and a receiver.

916. <https://github.com/SecUSo/privacy-friendly-torchlight>

Project created date: 2015-09-28
Download in play store: 1,000 - 5,000
Commit period: Oct 15, 2015 to Dec 12, 2016 – 1 yr. 3 months
Commit number: 6
No. of developers involved: 4 (3, 1, 1, 1)
App components: activity – 4 service – receiver – provider –

1# add portrait orientation in two activities.
2# change package name.

3# upgrade target sdk from 21 to 23. Add a use permission. change app icon. Add theme in an activity. add an activity.

4# remove uses-sdk. Add supports-screens. Add a new activity and make it main activity.

5# change package structure of 3 activities names.

6# change package structure of an activity name. remove an activity.

917. <https://github.com/sujithkanna/TouchDetector>

Project created date: 2017-01-12

Download in play store:

Commit period:

Commit number: 0

918. <https://github.com/wistein/TourCount>

Project created date: 2016-06-10

Download in play store:

Commit period: May 28, 2016 to Nov 1, 2017 – 1 yr. 5 months

Commit number: 25

No. of developers involved: 1

App components: activity – 9 service – receiver – provider –

Exclusive version and uses-sdk related commit: 14

1# version update. Remove three activities. Change parent activity name and parent activity meta-data value in an activity.

2#, 3# version update.

4# formatting change.

5# remove a use permission.

6# add an activity.

7#, 8# version update. Add a use permission.

9#, 10#, 11#, 12#, 13#, 14#, 15# version update.

16# add xmlns:tools. Remove version code and uses-sdk. Add supportsRtl="true" and tools:ignore="GoogleAppIndexingWarning" in application.

17# change a comment.

18# version update. Add a use permission.

19# version update.

20# version update. Change label of an activity.

21# remove portrait orientation from nine activities.

22#, 23#, 24#, 25# version update.

919. <https://github.com/tananaev/traccar-client-android>

Project created date: 2012-07-29

Download in play store: 50,000 - 100,000

Commit period: Aug 12, 2015 to Sep 20, 2017 – 2 yrs. 1 month

Commit number: 15

No. of developers involved: 2 (14, 1)

App components: activity – 5 service – 2 receiver – 1 provider –

- 1# change name of an activity. use shorthand in component names.
- 2# change name of a service.
- 3# add a use permission.
- 4# add singleTask launch mode in an activity.
- 5# change app icon.
- 6# add a service.
- 7# add an activity alias and move main intent filter in the alias.
- 8# remove a use permission.
- 9# add a use permission and an activity.
- 10# add app name.
- 11# change name of an activity and name of a target activity in alias.
- 12# change app theme. Change name of an activity.
- 13# add an action in an intent filter of an activity.
- 14# add label in an activity. add a meta-data in an activity alias.
- 15# add an intent filter in a receiver.

920. <https://github.com/mathisdt/trackworktime>

Project created date: 2014-01-11

Download in play store: 5,000 - 10,000

Commit period: Sep 14, 2016 to Feb 12, 2017 – 5 months

Commit number: 10

No. of developers involved: 2 (5, 5)

App components: activity – 10 service – 2 receiver – 3 provider –

Exclusive version and uses-sdk related commit: 5

- 1# remove uses-sdk.
- 2# add theme in app and two activities.
- 3# remove theme from an activity.
- 4# change theme of an activity.
- 5# remove theme from an activity.
- 6# remove comments.
- 7#, 8#, 9#, 10# version update.

921. <https://github.com/y20k/trackbook>

Project created date: 2016-08-29

Download in play store: 1,000 - 5,000

Commit period: Sep 7, 2016 to Nov 29, 2017 – 1 yr. 0 month

Commit number: 6

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – provider –

- 1# add singleTop launch mode in an activity. add an activity.
- 2# add a comment.
- 3# change package structure in two action names of an intent filter.
- 4# add android:resizeableActivity="true" in two activities.
- 5# add an action in an intent filter of a service.

6# change theme of an activity. remove an activity.

922. <https://github.com/erickok/transdroid>

Project created date: 2013-06-28

Download in play store: 100,000 - 500,000

Commit period: Oct 24, 2014 to Nov 14, 2017 – 3 yrs.

Commit number: 8

No. of developers involved: 3 (6, 1, 1)

App components: activity – 20 service – 5 receiver – 3 provider – 1

1# change package name. remove version and uses-sdk. Replace string constant with string resource in an authorities of a provider.

2# change name of a receiver.

3# change app theme.

4# formatting change.

5# remove uiOptions and add windowSoftInputMode="stateHidden" in an activity.

6#, 7# add an activity.

8# add a use feature. Add app banner. Add a leanback category.

923. <https://github.com/erickok/transdroid-search>

Project created date: 2013-06-22

Download in play store: XXXXXXXX

Commit period: Jan 16, 2015 to Jan 19, 2015 – 4 days

Commit number: 3

No. of developers involved: 1

App components: activity – 3 service – receiver – provider – 2

1# remove version, uses-sdk, and supports-screens.

2# add app theme.

3# add noHistory="true" in an activity. add two activities.

924. <https://github.com/wistein/TransektCount>

Project created date: 2016-03-25

Download in play store:

Commit period: Mar 27, 2016 to Nov 1, 2017 – 1 yr. 7 months

Commit number: 31

No. of developers involved: 1

App components: activity – 12 service – receiver – provider –

Exclusive version and uses-sdk related commit: 16

1# version update. Remove portrait orientation from an activity.

2# remove a use permission.

3# version update. Add portrait orientation in an activity.

4# version update. Add an activity.

5# add version code.

6# add theme in an activity.

7# version update. Change parent activity name and its meta-data value in an activity. change theme of an activity.
8# version update.
9# add an activity.
10# change allowBackup to false.
11# version update.
12# add an activity.
13# version update. Add a use permission.
14# remove an activity.
15# version update. Add a use permission.
16#, 17#, 18#, 19#, 20#, 21# version update.
22# version update. Use shorthand in activities names. Add an activity.
23#, 24#, 25# version update.
26# remove version code. Version update. Remove portrait orientation from ten activities. Add an activity.
27# version update.
28# use shorthand in a parent activity name.
29#, 30#, 31# version update.

925. <https://github.com/y20k/transistor>

Project created date: 2015-10-01

Download in play store: 10,000 - 50,000

Commit period: Oct 12, 2015 to Oct 17, 2017 – 2 yrs.

Commit number: 65

No. of developers involved: 1

App components: activity – 1 service – 2 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 26

1# remove a data and add a category in an intent filter. add a new intent filter in an activity.

2# add version name and code.

3# change a data.

4# version update. Add min and target sdk. Remove use permissions.

5# remove a use permission.

6# remove version and uses-sdk.

7# revert 6#. Add android:fullBackupContent in application.

8#, 9#, 10#, 11#, 12# version update.

13# version update. Add a use permission.

14# add supportsRtl="true".

15#, 16# version update.

17# version update. Add configChanges in three activities.

18#, 19#, 20# version update.

21# add a use permission.

22# revert 21#.

23# version update. Repeat 21#.

24# version update.

25# add a data in an intent filter of an activity.
26# version update.
27# add data elements in two intent filters.
28# change scheme of a data.
29# version update.
30# add a service.
31# add a data in an intent filter of an activity.
32# version update.
33# add use permissions. add an intent filter in an activity.
34# remove use permissions.
35# version update. Add a use permission.
36# remove an intent filter from an activity.
37# add a use permission.
38#, 39#, 40# version update.
41# version update. Add a receiver. Add an intent filter in a service.
42#, 43# version update.
44# version update. Upgrade target sdk from 23 to 24.
45# add android:resizeableActivity="true" in an activity.
46# add screenLayout in configChanges of three activities.
47# version update.
48# version update. Add an intent filter in a service.
49# add an action in an intent filter of a service.
50# formatting change.
51#, 52# version update.
53# add a data in two intent filters.
54# remove version and uses-sdk.
55# revert 53#.
56# add a comment.
57# add android:resizeableActivity="true" in an activity.
58#, 59# add a data in an intent filter of an activity.
60# remove two activities.
61# add a meta-data in an activity.
62# add two meta-data in app. Change exported to true in a service.
63# revert 62#.
64# repeat 62#.
65# add an intent filter in an activity.

926. <https://github.com/grote/Transportr>

Project created date: 2013-09-06

Download in play store: 5,000 - 10,000

Commit period: Oct 19, 2017 to Nov 4, 2017 – 16 days

Commit number: 9

No. of developers involved: 1

App components: activity – 7 service – receiver – provider –

1# change package name. change package in app name. use fully qualified name in activities names.
Change allowBackup to false. Remove an activity.
2# remove a use permission.
3# add exported="true" in an activity.
4# add an intent filter in an activity.
5# change adjustNothing to adjustPan in window soft of an activity.
6# remove three activities.
7# change app icon and add round icon.
8# add supportsRtl="true". Add tools:targetApi="jelly_bean" in two activities.
9# add a meta-data in an activity.

927. <https://github.com/ybonnel/TransportsRennes>

Project created date: 2010-12-17

Download in play store: 50,000 - 100,000

Commit period: Dec 22, 2010 to Dec 4, 2017 – 6 yrs. 11 months

Commit number: 300

No. of developers involved: 1

App components: activity – 35 service – 1 receiver – 6 provider –

Exclusive version and uses-sdk related commit: 220

1# add app theme. Remove label from seven activities.

2# add an activity.

3# downgrade min sdk from 8 to 3. Add target and max sdk.

4#, 5# add an activity.

6# change app name.

7# add install location auto.

8# add configChanges in ten activities.

9# add version name and code.

10# change debuggable to false.

11# add two meta-data, an activity, and a receiver.

12#, 13#, 14#, 15#, 16# version update.

17# remove a use permission.

18# version update.

19#, 20# add an activity.

21# add two activities.

22# add an activity and a uses-library.

23#, 24# version update.

25# add a copyright.

26# add a receiver and an activity.

27# change debuggable to true. Use shorthand in a receiver name.

28# change debuggable to false. Add four activities.

29# change debuggable to true.

30# version update. Change debuggable to false.

31#, 32#, 33#, 34# version update.

35# add android:clearTaskOnLaunch="true" in an activity.

36# remove android:clearTaskOnLaunch="true" and add singleTask launch mode in an activity.
37# change launch mode to singleTop in an activity.
38# version update.
39# remove two meta-data, an activity, and a receiver.
40# add a use permission and a receiver.
41#, 42# version update.
43# change copyright.
44# add a comment.
45# version update.
46# add an activity.
47# change debuggable to true.
48# revert 47#.
49#, 50#, 51#, 52#, 53# version update.
54# change debuggable to true.
55# change debuggable to false. Add two activities.
56#, 57#, 58# version update.
59# version update. Upgrade max sdk from 9 to 10.
60# change label of two activities.
61#, 62#, 63#, 64#, 65#, 66#, 67# version update.
68# upgrade max sdk from 10 to 11.
69#, 70#, 71#, 72#, 73#, 74#, 75# version update.
76# add an activity.
77# version update.
78# add label in a receiver. Add a receiver.
79# add an activity.
80# add an activity and a receiver.
81#, 82#, 83#, 84#, 85#, 86#, 87#, 88#, 89#, 90#, 91#, 92#, 93#, 94# version update.
95# formatting change.
96# version update. Remove max sdk.
97# version update.
98# change debuggable to true.
99# version update. Change debuggable to false.
100#, 101#, 102#, 103#, 104#, 105# version update.
106# add an activity.
107# version update.
108# add a receiver.
109#, 110# version update.
111# add a service.
112#, 113#, 114#, 115# version update.
116# remove orientation from configChanges of an activity.
117# version update.
118# change label of a service. Add label in a receiver. Add a meta-data and a service.
119# version update.
120# add an activity.

121# remove a receiver.
122# version update.
123# change package structure of app, 28 activities, a service, and 3 receivers.
124# syntax change.
125# version update.
126# version update. Change value of a meta-data in a service.
127# add an activity.
128# version update.
129# version update. Add a use permission.
130#, 131# version update.
132# add an intent filter in an activity. add an activity and a receiver.
133# add an intent filter in four activities. Add four activities.
134#, 135#, 136#, 137#, 138# version update.
139# change app theme. Add theme in an activity.
140# remove configChanges from an activity.
141# change debuggable to true.
142# add an activity.
143# remove theme from an activity.
144# add a use permission.
145# change debuggable to false. Remove label and theme from two activities.
146#, 147# version update.
148# change debuggable to true. Upgrade target sdk from 8 to 11.
149# version update.
150# remove an activity. add an activity.
151#, 152#, 153# version update.
154# remove an activity. add an activity.
155# remove an activity.
156# remove an activity. add an activity.
157# version update.
158# upgrade min sdk from 3 to 4.
159# version update. Change debuggable to false.
160# change value of a meta-data in a service.
161# remove an activity.
162#, 163# version update.
164# add a use permission.
165# version update.
166# change app theme.
167#, 168#, 169#, 170#, 171# version update.
172# add a receiver and an activity.
173#, 174#, 175#, 176#, 177#, 178#, 179#, 180#, 181# version update.
182# add an activity.
183# version update.
184# add required="false" in a uses-library.
185# - 200# version update.

201# upgrade target sdk from 11 to 18. Remove debuggable="false" and add allowBackup="false".
Add exported="false" in two services.
202#, 203#, 204#, 205#, 206#, 207#, 208#, 209#, 210# version update.
211# add debuggable="false".
212#, 213# version update.
214# remove debuggable="false". Change value of a meta-data and remove a meta-data from a service. Add a meta-data in app.
215# - 271# version update.
272# version update. Upgrade min sdk from 4 to 9.
273# version update.
274# version update. Remove a meta-data and a service.
275# - 300# version update.

928. <https://github.com/genonbeta/TrebleShot>

Project created date: 2016-05-11

Download in play store: 100 - 500

Commit period: May 21, 2016 to Nov 28, 2017 – 1 yr. 6 months

Commit number: 31

No. of developers involved: 1

App components: activity – 7 service – 6 receiver – 2 provider – 1

1# change action name in an intent filter of an activity.

2# add a category in an intent filter of a receiver.

3# add an activity.

4# formatting change.

5# remove a use permission. change app icon. Remove an activity.

6# add theme in an activity.

7# add an action in an intent filter of an activity.

8# add an activity.

9# remove parent activity name from an activity.

10# add a receiver.

11# add a use permission.

12# add a service.

13# add a provider.

14# formatting change.

15# add process in two services.

16# formatting change.

17# remove a service.

18# remove a receiver.

19# add an activity.

20# add a meta-data in an activity. add a service.

21# add label in an activity. replace string constant with string resource in label of four services.

22# add xmlns:tools. Add android:allowBackup="true", android:fullBackupContent="true", and tools:ignore="GoogleAppIndexingWarning" in application.

23# change label of app, 5 activities, and 4 services.

24#, 25# add an activity.
26# formatting change.
27# add a service.
28# change name of an activity.
29# add a use permission. remove theme and add label in an activity. remove an activity. add an activity.
30# add a use permission.
31# remove a receiver and add a service.

929. <https://github.com/equeim/tremotesf-android>

Project created date: 2017-01-28
Download in play store: 1,000 - 5,000
Commit period: Feb 1, 2017 to Feb 18, 2017 – 18 days
Commit number: 3
No. of developers involved: 1
App components: activity – 10 service – 1 receiver – provider –

1# move three intent filters from an activity to other two activities.
2# add label in three intent filters.
3# add about activity.

930. <https://github.com/trezor/trezor-android>

Project created date: 2014-04-15
Download in play store: 10,000 - 50,000
Commit period: Jun 9, 2017 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 10 service – receiver – provider –

1# remove an activity.

931. <https://github.com/whirish/Tri-Valley-Buses>

Project created date: 2016-10-23
Download in play store: 100 - 500
Commit period: Nov 20, 2016 to Nov 28, 2016 – 8 days
Commit number: 2
No. of developers involved: 1
App components: activity – 1 service – receiver – provider –

1# version update. Change package name.
2# change package name.

932. <https://github.com/koelleChristian/trickytripper>

Project created date: 2012-01-13
Download in play store: 5,000 - 10,000
Commit period: Sep 8, 2014 to Oct 19, 2015 – 1 yr. 1 month
Commit number: 7

No. of developers involved: 1

App components: activity – 16 service – receiver – provider – 1

1# version update. Remove debuggable="false". add android:grantUriPermissions="true" in a provider.

2# change app theme.

3# upgrade target sdk from 16 to 21. Remove an activity.

4# add an activity.

5# change name and label of four activities.

6# change install location to auto.

7# remove version and uses-sdk. Add android:fullBackupContent="true" in an application.

933. <https://github.com/zoff99/ToxAndroidRefImpl>

Project created date: 2017-04-28

Download in play store: 100 - 500

Commit period: Apr 29, 2017 to Jul 2, 2017 – 2 months

Commit number: 27

No. of developers involved: 1

App components: activity – 11 service – 1 receiver – provider –

1# change allowBackup to false.

2# add use features, use permissions, and supports-screens.

3# add configChanges in an activity.

4#, 5#, 6#, 7# add an activity.

8# add use permissions. add setting activity.

9# add a use permission and use features.

10# add singleTask launch mode in an activity. add a service.

11# add app name. add an activity.

12# add an activity.

13# add use permissions.

14# add xmlns:tools. Add tools:replace="android:allowBackup,android:label,android:icon" in application.

15# use shorthand in app name. add an activity.

16# add comments.

17# add an activity.

18# remove round icon.

19# add an activity.

20# add three activities. Move an intent filter.

21# add use permissions. add two activities.

22# add a provider.

23# add an activity.

24# change name of an activity.

25# remove use permissions.

26# add an activity and a receiver.

27# add an activity.

934. <https://github.com/ebaschiera/TripleCamel>

Project created date: 2015-04-21

Download in play store:

Commit period: Jan 3, 2015 to Sep 1, 2015 – 8 months

Commit number: 5

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# add noHistory="true" in an activity.

2# add version name and code.

3# version update.

4# version update. Add use permissions. add app name.

5# version update.

935. <https://github.com/TripSit/tripmobile>

Project created date: 2014-11-16

Download in play store:

Commit period: Jan 4, 2015 to Jul 30, 2016 – 1 yr. 6 months

Commit number: 30

No. of developers involved: 2 (27, 3)

App components: activity – 9 service – receiver – provider –

Exclusive version and uses-sdk related commit: 12

1# formatting change.

2# add three android:uses-permission inside manifest. Use shorthand in activities names. Add an activity.

3# add configChanges in an activity.

4# add windowSoftInputMode="stateAlwaysHidden" in an activity.

5# change three android:uses-permission to use permissions and remove maxSdkVersion.

6# add setting activity.

7# upgrade target sdk from 19 to 21.

8# change app icon.

9# add configChanges in an activity.

10# change app theme.

11# add portrait orientation in an activity.

12# add two activities.

13# remove a category from an intent filter of an activity.

14# remove a use permission.

15# add configChanges in five activities. Remove an intent filter from an activity.

16# change label of seven activities.

17#, 18#, 19# version update.

20# version update. Change app icon.

21#, 22#, 23#, 24#, 25#, 26#, 27# version update.

28# add an activity.

29# add app name.

30# version update.

936. <https://github.com/mlsoft/Trycorder5>

Project created date: 2016-12-19

Download in play store:

Commit period:

Commit number: 0

937. <https://github.com/nilsbraden/ttrss-reader-fork>

Project created date: 2015-03-13

Download in play store: 10,000 - 50,000

Commit period: Mar 26, 2015 to Apr 16, 2017 – 2 yrs.

Commit number: 24

No. of developers involved: 2 (23, 1)

App components: activity – 10 service – 1 receiver – 1 provider – 2

Exclusive version and uses-sdk related commit: 19

1# formatting change.

2#, 3# version update.

4# add theme in an activity.

5# change theme of an activity.

6#, 7#, 8#, 9#, 10#, 11#, 12# version update.

13# add android:fullBackupContent in application.

14#, 15#, 16#, 17#, 18#, 19#, 20#, 21#, 22# version update.

23# add a provider.

24# version update.

938. <https://github.com/TobiasSchwitten/tuiodroid>

Project created date: 2015-05-03

Download in play store: 10,000 - 50,000

Commit period: Mar 30, 2011 to May 11, 2015 – 4 yrs. 1 month

Commit number: 7

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 6

1#, 2#, 3# version update.

4# add theme in an activity.

5#, 6# version update.

7# upgrade min sdk from 6 to 8. Add target sdk.

939. <https://github.com/billthefarmer/tuner>

Project created date: 2013-02-09

Download in play store:

Commit period: Jan 14, 2017 to Sep 23, 2017 – 8 months

Commit number: 5

No. of developers involved: 1

App components: activity – 3 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# add xmlns:tools and tools:ignore="GoogleAppIndexingWarning" in manifest. Upgrade target sdk from 17 to 25. Change app icon. Add tools:ignore="AllowBackup" in application.

2# version update.

3# downgrade target sdk from 25 to 22. Add tools:ignore="OldTargetApi" in uses-sdk.

4#, 5# version update.

940. <https://github.com/Vavassor/Tusky>

Project created date: 2017-01-02

Download in play store: 50,000 - 100,000

Commit period: Jan 8, 2017 to Dec 8, 2017 – 11 months

Commit number: 52

No. of developers involved: 11 (36, 5, 2, 2, 2, 1, 1, 1, 1, 1, 1)

App components: activity – 18 service – 1 receiver – 1 provider – 1

1#, 2# add an activity.

3# add a use permission.

4# add an activity.

5# add a use permission and a service.

6#, 7# add an activity.

8# change name of a service.

9# change app icon and its resource folder.

10# add an activity.

11# change app icon and its resource folder.

12#, 13#, 14# add an activity.

15# change theme of an activity.

16# remove a service. Add two new services.

17# add configChanges in an activity.

18# add windowSoftInputMode="adjustResize" in an activity.

19# add a receiver.

20# remove theme from an activity.

21# add a meta-data in app.

22# add xmlns:tools and a service.

23# add two intent filters in an activity.

24# add an intent filter in an activity.

25# add a use permission.

26# add about activity. use shorthand in a service name.

27# add an activity.

28# add a use permission and a provider.

29# add an activity.

30# add a use permission.

31# revert 30#.

32# add app name.

33# remove a meta-data and two services.
34# change name of an activity.
35# add configChanges in an activity.
36# no changes.
37# add configChanges in an activity.
38# change package structure of a receiver and a service name.
39# add theme in an activity.
40# change package structure of a receiver name.
41# add use permissions and a service.
42# formatting change.
43# remove a use permission.
44# add an activity.
45# add singleTop launch mode in an activity.
46#, 47# add an activity.
48# add maxSdkVersion in a use permission.
49# change name of a service.
50# remove maxSdkVersion from a use permission.
51# remove a service.
52# change icon of a service.

941. <https://github.com/VelbazhdSoftwareLLC/tuty-fruty-slot-for-android>

Project created date: 2015-03-14
Download in play store: XXXXXXX
Commit period: Jul 22, 2015 to Jul 31, 2015 – 9 days
Commit number: 5
No. of developers involved: 1
App components: activity – 5 service – receiver – provider –

1# add xml encoding tag. Add a use permission and an activity.
2# add noHistory="true" in an activity. add three activities.
3# add supports-screens. Add landscape orientation in an activity.
4# add an activity.
5# version update. Remove supports-screens.

942. <https://github.com/tux4kids/Tuxpaint-Android>

Project created date: 2015-08-27
Download in play store:
Commit period: Aug 2, 2017 to Sep 21, 2017 – 1 month
Commit number: 3
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 3

1# upgrade min sdk from 10 to 12.
2# version update.
3# remove uses-sdk.

943. <https://github.com/42SK/TVKILL>

Project created date: 2015-10-10

Download in play store: 10,000 - 50,000

Commit period: Oct 22, 2015 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – 1 provider –

1# add a receiver.

944. <https://github.com/john-tornblom/TVHGuide>

Project created date: 2011-05-04

Download in play store: 10,000 - 50,000

Commit period: May 11, 2011 to Apr 21, 2013 – 1 yr. 11 months

Commit number: 25

No. of developers involved: 1

App components: activity – 9 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 10

1# add label and icon in app.

2#, 3#, 4# add an activity.

5# add uses-sdk.

6# add version name and code.

7# remove label from an activity.

8# add an activity.

9# add install location auto. Add theme and configChanges in an activity. add a use permission.

10# remove install location.

11# remove a use permission.

12# add a meta-data in app. Add singleTop launch mode, an intent filter, and a meta-data in an activity.

13# change value of a meta-data in app. Remove singleTop launch mode, an intent filter, and a meta-data from an activity. add a new activity.

14# remove label from an activity. add theme in six activities.

15# add an activity.

16# add theme in an activity.

17# upgrade min and target sdk from 7 to 15.

18# downgrade min sdk from 15 to 7.

19# downgrade target sdk from 15 to 9.

20# version update.

21# change package name. use fully qualified name in app and component names.

22#, 23#, 24#, 25# version update.

945. <https://github.com/TwidereProject/Twidere-Android>

Project created date: 2014-07-03

Download in play store: 100,000 - 500,000

Commit period: Oct 26, 2014 to Sep 17, 2017 – 2 yrs. 10 months

Commit number: 151

No. of developers involved: 2 (150, 1)

App components: activity – 39 service – 8 receiver – 3 provider – 5

1# remove a use permission. remove two meta-data from app. Change value of window soft to adjustNothing in an activity. remove an activity. change theme and add an intent filter in an activity.

2# remove an intent filter from an activity.

3# add an activity.

4# add a data in an intent filter of an activity.

5#, 6# change app theme.

7# change package structure of two services names.

8# add two activities. remove an activity.

9# change name of an activity.

10# remove an activity. add an activity.

11# change theme and change name of an action in an activity.

12# add enabled="false", label and an intent filter in an activity.

13# change theme and enabled to true in an activity.

14# change enabled to false in an activity.

15# change icon in app and an activity.

16# change label of an activity.

17# add a service and a receiver.

18# add a use feature and a use permission. add an action in an intent filter of an activity.

19# change icon in app and an activity.

20# change icon and its resource folder in app and two activities.

21# add description in three permissions.

22# change label of an intent filter.

23# formatting change.

24# use shorthand in backupAgent in application. Remove an activity. add an activity. change value of android:settingsActivity in two services.

25# change label and add theme in an activity.

26# change label of an activity.

27# remove android:settingsActivity from three services.

28# remove three services.

29# add label in three permissions.

30# add xmlns:tools. Add tools:ignore="ExportedContentProvider" in three providers. Add a receiver.

31# add theme in an activity.

32# change theme of an activity.

33# add tools:ignore="ExportedService" in a service.

34# add theme and window soft in an activity.

35# add theme in an activity.

36# add theme in two activities.

37# change package structure of an activity name.

38# add exported="false" in an activity.

39# add enabled="false" in an activity.

40# add an activity.
41# change theme of an activity. remove an activity.
42# add theme in an activity.
43# add pathPrefix in six data of an intent filter.
44# change label of a provider.
45# change app theme. Add theme in an activity. change theme of twelve activities. Remove four activities. remove data elements from an intent filter of an activity.
46# add supportsRtl="true" and tools:ignore="UnusedAttribute" in application.
47# remove a service and a receiver.
48# add a service.
49# remove an activity. add a new activity.
50# remove an activity. add an activity.
51# remove a service and a receiver.
52# remove an activity.
53# add a receiver.
54# add two actions in an intent filter of a receiver.
55# change theme of six activities.
56# add description and fullBackupContent="true" in application.
57# add parent activity name in three activities.
58# add an activity.
59# formatting change.
60# add a provider and a meta-data in app.
61# remove a meta-data from app.
62# add a meta-data in app.
63# add a provider.
64# remove a provider.
65# remove theme from two activities. Change theme of two activities.
66# add a service.
67# change theme of an activity.
68# remove hardware acceleration and launch mode and add window soft and a meta-data in an activity.
69# change theme of an activity.
70# add a use permission.
71# change theme in app and twenty six activities. Add theme in two activities.
72# change theme in app and an activity.
73# change package structure of 18 activities names. Change theme of an activity.
74# change app theme.
75#, 76# change theme of an activity.
77# formatting change.
78# remove an activity. add a new activity. change theme of an activity.
79# remove an activity.
80# reorganize data elements in an intent filter.
81# change name of an activity. add a data in an intent filter.
82# add an activity.

83# remove a provider. Add a new provider.
84# change exported value to true, remove grantUriPermissions="true", and add tools:ignore="ExportedContentProvider" in a provider.
85# add two activities.
86# remove an activity.
87# add resizableActivity="true" in application.
88# change package structure of an activity name.
89# add a provider.
90# add a meta-data in two activities. Add two actions in an intent filter of an activity.
91# add a use feature.
92# add tools:overrideLibrary="android.support.customtabs" in uses-sdk.
93#, 94# remove an activity.
95# add a service.
96# change install location to internalOnly. Add a use permission.
97# add use permissions. add exported="true" and change resource of a meta-data in a service. Add a service.
98# add tools:ignore="ExportedService" in two services.
99# add round icon in app.
100# remove an activity.
101# add enabled in a service. Add a service.
102# add maxSdkVersion in three use permissions.
103# add a use permission. remove a receiver.
104# add an activity.
105# change name and label of an activity.
106# change label of an activity.
107# change label of two activities and an intent filter.
108# add an activity. add a meta-data in an activity.
109# change name of three services.
110# change label of two services.
111# change theme of an activity.
112# add a data in an intent filter of an activity.
113# add parent activity name in an activity.
114# remove an activity. add an activity.
115# change value of tools:overrideLibrary in uses-sdk.
116# remove an activity.
117# change label of an activity and two services.
118# split an intent filter into two.
119# add a data in an intent filter.
120# add an activity.
121# change label and add windowSoftInputMode="adjustResize" in two activities.
122# add an activity.
123# change enabled to true in two services. Add exported="false" in a service.
124# add copyright.

125# add a permission and a use permission. protect a provider with android:permission and remove tools:ignore="ExportedContentProvider" from the provider.

126# change label of an activity.

127# formatting change.

128# add two meta-data in app.

129# change name of a meta-data.

130# add an intent filter in an activity.

131# add tools:ignore="BatteryLife" in an action. Add a receiver.

132# change package structure of an activity name. add an activity.

133# add icon in an activity.

134# remove a receiver.

135# add an activity.

136# add an activity. remove a service.

137# change label of an activity.

138# change label and theme of an activity.

139# add an activity.

140# remove an activity.

141# change theme of two activities.

142# add android:appCategory="social" in application.

143# add an activity.

144# remove a meta-data from app.

145# add enabled and change icon of an activity.

146# change name of an activity. remove an activity. add three activities.

147# remove enabled from an activity.

148#, 149# add an activity.

150# remove an activity.

151# change label of an activity.

946. <https://github.com/no-go/UART-Smartwatch>

Project created date: 2016-09-10

Download in play store: 50 - 100

Commit period: Jan 8, 2017 to Mar 2, 2017 – 1 month

Commit number: 3

No. of developers involved: 1

App components: activity – 3 service – 2 receiver – provider –

1# add an activity.

2# remove manifest file.

3# add manifest file.

947. <https://github.com/liveplayergames/UFP>

Project created date: 2017-03-24

Download in play store:

Commit period:

Commit number: 0

948. https://github.com/microg/android_packages_apps_UnifiedNlp

Project created date: 2014-03-05

Download in play store:

Commit period: Sep 16, 2015 to Jun 13, 2017 – 1 yr. 9 months

Commit number: 7

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 2

1# change copyright.

2# version update. Change app icon.

3# change an activity icon.

4# remove version name and code. Upgrade target sdk from 21 to 23.

5# change copyright.

6# remove uses-sdk.

7# change copyright.

949. <https://github.com/btimofeev/UniPatcher>

Project created date: 2016-09-27

Download in play store: 100,000 - 500,000

Commit period: Dec 19, 2016 to Aug 31, 2017 – 8 months

Commit number: 9

No. of developers involved: 1

App components: activity – 5 service – 1 receiver – provider –

1#, 2# add a data in an intent filter of an activity.

3# add android:extractNativeLibs="false" in application.

4# remove a use permission. remove an activity. add a new activity.

5# formatting change.

6# remove use permissions and a meta-data.

7# add a data in an intent filter of an activity.

8# change value of android:extractNativeLibs to true.

9# add app name.

950. <https://github.com/physphil/UnitConverterUltimate>

Project created date: 2014-06-06

Download in play store: 500,000 - 1,000,000

Commit period: Dec 8, 2014 to Nov 28, 2016 – 1 yr. 11 months

Commit number: 13

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# change app icon. Use shorthand in an activity name.

2# add an activity.

3# add a use permission.

4# add an activity.

5# change app theme.
6# remove install location.
7# add app name.
8# add copyright.
9# add a use permission.
10# add a service.
11# revert 10#.
12# remove a use permission and an activity.
13# change copyright.

951. <https://github.com/lucas-tulio/unix-time-clock-widget>

Project created date: 2014-04-11
Download in play store: 1,000 - 5,000
Commit period: Apr 11, 2014 to Sep 14, 2014 – 5 months
Commit number: 3
No. of developers involved: 1
App components: activity – service – receiver – 1 provider –
Exclusive version and uses-sdk related commit: 1

1# change app icon.
2# add an action in an intent filter of a receiver.
3# version update.

952. <https://github.com/adrian/upm-android>

Project created date: 2010-11-08
Download in play store: 500,000 - 1,000,000
Commit period: Feb 18, 2010 to Oct 15, 2017 – 7 yrs. 8 months
Commit number: 27
No. of developers involved: 1
App components: activity – 14 service – receiver – provider –
Exclusive version and uses-sdk related commit: 16

1# remove noHistory="true" from an activity. add a use permission and an activity.
2# add two activities. Move main intent filter to another activity.
3# add singleTask launch mode in an activity. remove a receiver.
4# version update.
5# remove singleTask launch mode from an activity.
6#, 7#, 8#, 9# version update.
10# add target sdk.
11# version update.
12# add a use permission.
13#, 14#, 15# version update.
16# add configChanges in an activity.
17# version update.
18# remove configChanges from an activity.
19#, 20# version update.

21# upgrade target sdk from 4 to 16. Remove debuggable="false". Add exported="false" and remove a category from an intent filter of an activity.
22# version update.
23# add four activities.
24# version update.
25# version update. Upgrade min sdk from 3 to 8 and target sdk from 16 to 19. Add backupAgent, allowBackup="true", and a meta-data in application.
26# version update. Upgrade target sdk from 19 to 26. Change package structure of an activity name.
27# version update.

953. <https://github.com/daverix/urlforwarder>

Project created date: 2016-08-13
Download in play store: 100 - 500
Commit period: Oct 18, 2014 to Aug 12, 2016 – 1 yr. 9 months
Commit number: 4
No. of developers involved: 1
App components: activity – 3 service – 1 receiver – 1 provider –

1# change theme of an activity.
2# add label in an activity.
3# add app name.
4# change app icon.

954. <https://github.com/alt236/USB-Device-Info---Android>

Project created date: 2011-10-27
Download in play store: 100,000 - 500,000
Commit period: Sep 1, 2016 to May 4, 2017 – 8 months
Commit number: 6
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –

1# formatting change.
2# change app theme.
3# change package structure of two activities names.
4# change app icon.
5# remove version and uses-sdk. Add maxSdkVersion in a use permission.
6# add an activity.

955. https://github.com/Streetwalrus/android_usb_msd

Project created date: 2017-01-07
Download in play store:
Commit period: Jan 8, 2017 to Mar 8, 2017 – 2 months
Commit number: 4
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

1# add app name.

- 2# add license activity.
- 3# change package name. change app name. use fully qualified name in activities names.
- 4# add a use permission.

956. <https://github.com/vanilla-music/vanilla-music-cover-fetch>

Project created date: 2017-02-07
Download in play store: 100 - 500
Commit period: Feb 8, 2017 to Oct 12, 2017 – 8 months
Commit number: 5
No. of developers involved: 1
App components: activity – 2 service – 1 receiver – 1 provider – 1

- 1# add a provider.
- 2# add exported="false" in a provider.
- 3# add a use permission. use shorthand in component names. Add an activity.
- 4# change package structure of a provider name. use fully qualified name in an activity.
- 5# change theme of two activities.

957. <https://github.com/vanilla-music/vanilla-music-lyrics-search>

Project created date: 2016-09-26
Download in play store: 500 - 1,000
Commit period: Jun 13, 2017 to Oct 13, 2017 – 4 months
Commit number: 2
No. of developers involved: 1
App components: activity – 2 service – 1 receiver – 1 provider –

- 1# add a use permission and an activity.
- 2# change theme of an activity.

958. <https://github.com/vanilla-music/vanilla>

Project created date: 2012-09-22
Download in play store: 500,000 - 1,000,000
Commit period: Feb 20, 2010 to Dec 7, 2017 – 7 yrs. 9 months
Commit number: 161
No. of developers involved: 7 (89, 66, 2, 1, 1, 1, 1)
App components: activity – 11 service – 3 receiver – 7 provider – 1
Exclusive version and uses-sdk related commit: 83

- 1# add a use permission.
- 2# remove label, change theme, and add singleTop launch mode in an activity. add an activity.
- 3# change package name. version update. Change app name.
- 4# add a use permission.
- 5# add a receiver.
- 6#, 7#, 8# version update.
- 9# add windowSoftInputMode="adjustResize" in an activity.
- 10# add target sdk.
- 11# add supports-screens.

12# formatting change.
13# version update.
14# add an action in an intent filter of a receiver.
15# remove an activity.
16# change name of two activities.
17# add a receiver.
18# formatting change.
19#, 20# add an action in an intent filter of a receiver.
21# add an activity.
22# add copyright.
23# add a new activity and make it main activity. add singleTop launch mode in an activity.
24# add install location auto. Upgrade target sdk from 7 to 8.
25# add a use permission.
26# remove two actions from an intent filter of a receiver.
27# version update.
28# remove an action from an intent filter of a receiver. Add an activity.
29#, 30# add a receiver.
31# version update.
32# change copyright.
33# change priority value in an intent filter.
34# remove an activity.
35# upgrade min sdk from 3 to 5 and target sdk from 8 to 10.
36# add a use permission.
37# remove app name.
38# change name of an activity.
39# version update.
40# add an intent filter in a service.
41# add backupAgent in application. Add a meta-data in app.
42# change theme of two activities. Upgrade target sdk from 10 to 14. Remove supports-screens.
43# add an activity.
44# version update.
45# formatting change.
46# add a receiver.
47#, 48#, 49#, 50#, 51# version update.
52# remove theme of an activity.
53# change theme and add uiOptions in an activity.
54# change activity to activity alias and remove theme and add target activity. change launch mode to singleTask in two activities.
55# change theme of an activity.
56# remove an activity alias and move main intent filter to another activity from the alias.
57# add theme in two activities.
58# version update.
59# change label of two receivers.
60# change label of a receiver.

61#, 62# version update.
63# change label of a receiver. Add a receiver.
64# upgrade target sdk from 14 to 15.
65# add an activity.
66# version update.
67# add seven activities.
68# add a receiver.
69# upgrade min sdk from 5 to 15. Remove a meta-data from app.
70# change package name. change package name in action elements of an intent filter.
71# version update.
72# add an activity.
73# remove android:excludeFromRecents="true" from an activity.
74# version update.
75# upgrade target sdk from 15 to 16.
76#, 77#, 78# version update.
79# add an activity.
80#, 81# version update.
82# add theme in an activity.
83# add an activity.
84#, 85#, 86#, 87# version update.
88# remove a use permission.
89# version update.
90# add an activity.
91#, 92#, 93# version update.
94# version update. Remove backupAgent from application.
95# add an activity.
96# add a data in an intent filter of an activity.
97#, 98# version update.
99# upgrade target sdk from 16 to 21.
100#, 101# version update.
102# remove nine activities.
103#, 104# version update.
105# remove theme from six activities.
106#, 107#, 108#, 109# version update.
110# add a service.
111# version update.
112# add an intent filter in an activity.
113# change launch mode to singleTask in an activity.
114# version update.
115# upgrade target sdk from 21 to 23. Add a use permission and an activity.
116# add theme in an activity.
117# version update.
118# add a meta-data in app.
119# version update.

120# remove uiOptions from an activity.
121#, 122# version update.
123# add a meta-data in app.
124# remove an activity.
125# version update.
126# add two categories in an intent filter of an activity.
127#, 128#, 129# version update.
130# change theme of two activities.
131#, 132#, 133#, 134# version update.
135# upgrade target sdk from 23 to 24.
136#, 137# version update.
138# add android:resizeableActivity="true" in application.
139#, 140#, 141#, 142#, 143# version update.
144# upgrade target sdk from 24 to 25.
145#, 146#, 147# version update.
148# remove a data from an intent filter of an activity.
149#, 150#, 151#, 152# version update.
153# add a meta-data and an activity in app.
154# upgrade target sdk from 25 to 26.
155# add a provider.
156#, 157# version update.
158# add a service.
159#, 160#, 161# version update.

959. <https://github.com/vanilla-music/vanilla-music-tag-editor>

Project created date: 2016-09-24

Download in play store: 500 - 1,000

Commit period: Sep 25, 2016 to Oct 19, 2017 – 1 yr.

Commit number: 8

No. of developers involved: 1

App components: activity – 2 service – 1 receiver – 1 provider – 1

1# change package name in three action elements of two intent filters.

2# change package name.

3# add excludeFromRecents="true" in an activity.

4# add a provider.

5# add exported="false" in a provider.

6# change package structure of a provider name. add an activity.

7# use fully qualified name in an activity name.

8# change theme of an activity.

960. <https://github.com/dozingcat/Vector-Pinball>

Project created date: 2010-11-20

Download in play store: 100,000 - 500,000

Commit period:

Commit number: 0
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –

961. <https://github.com/jiikuy/velocitycalculator>

Project created date: 2017-05-18
Download in play store:
Commit period: May 20, 2017 to Jul 13, 2017 – 1 month
Commit number: 6
No. of developers involved: 1
App components: activity – 5 service – receiver – provider –

1# move a use feature from outside of application tag to inside. Add a parent activity name in an activity.
2# formatting change.
3# move a use feature back to outside of application tag.
4# formatting change.
5# add parent activity meta-data in two activities. Add two activities.
6# remove an activity. add an activity.

962. <https://github.com/allan-simon/verbiste-android>

Project created date: 2014-12-28
Download in play store:
Commit period: Dec 30, 2014 to Jan 1, 2015 – 2 days
Commit number: 6
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# formatting change.
2# add an activity.
3# add app theme. Add uses-sdk.
4# downgrade min sdk from 11 to 7.
5# add a parent activity meta-data in an activity.
6# add an activity.

963. <https://github.com/MarcusWolschon/osmeditor4android>

Project created date: 2015-03-21
Download in play store: 10,000 - 50,000
Commit period: Dec 27, 2016 to Dec 4, 2017 – 11 months
Commit number: 25
No. of developers involved: 1
App components: activity – 19 service – 3 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 17

1# change app name.

2# version update.
 3# upgrade target sdk from 23 to 24. Add resizableActivity="true" in app. Add a provider.
 4# upgrade min sdk from 8 to 9.
 5# add tools:replace="android:process" in an activity.
 6# version update.
 7# add an intent filter in an activity.
 8# add app theme.
 9# version update.
 10# add an activity.
 11# version update.
 12# change value of tools:overrideLibrary in uses-sdk.
 13#, 14# version update.
 15# change value of tools:overrideLibrary in uses-sdk.
 16#, 17#, 18#, 19#, 20#, 21#, 22#, 23#, 24#, 25# version update.

964. <https://github.com/Antonis427/veterondo>

Project created date: 2016-03-28
 Download in play store: 500 - 1,000
 Commit period: Apr 1, 2016 to May 2, 2016 – 1 month
 Commit number: 9
 No. of developers involved: 1
 App components: activity – 3 service – 1 receiver – provider –

1# add use permissions.
 2# change package structure of an activity name.
 3# add portrait orientation in an activity.
 4# add an activity.
 5# remove label and configChanges and add portrait orientation in an activity.
 6# add an activity.
 7# remove a category from an intent filter of an activity.
 8# add portrait orientation in an activity.
 9# add a service.

965. <https://github.com/no-go/ViboraFeed>

Project created date: 2016-08-19
 Download in play store: 10 - 50
 Commit period: Aug 22, 2016 – 1 day
 Commit number: 1
 No. of developers involved: 1
 App components: activity – 2 service – receiver – 2 provider – 1

1# add a use permission.

966. <https://github.com/VelbazhdSoftwareLLC/VitoshaDM>

Project created date: 2015-06-28
 Download in play store: 100 - 500

Commit period: Jul 3, 2015 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 4 service – receiver – provider –

1# version update. Change value of a meta-data.

967. <https://github.com/ojacquemart/vlilleChecker>

Project created date: 2012-04-15
Download in play store: 10,000 - 50,000
Commit period: Aug 8, 2013 to Nov 6, 2017 – 4 yrs. 3 months
Commit number: 32
No. of developers involved: 1
App components: activity – 6 service – receiver – 1 provider –
Exclusive version and uses-sdk related commit: 20

1# version update. Upgrade min sdk from 3 to 14 and target sdk from 16 to 18.
2# change app theme and icon. Change theme in three activities.
3# downgrade min sdk from 14 to 7.
4# version update.
5# change app name. add two meta-data in app.
6# version update.
7# add app logo.
8#, 9#, 10#, 11# version update.
12# upgrade target sdk from 18 to 21.
13# change label of an activity.
14# remove an activity. add an activity.
15# upgrade min sdk from 7 to 8.
16# add an activity.
17# remove app logo.
18# formatting change.
19# version update. Remove uses-sdk.
20# add a use permission, an activity, and a receiver.
21#, 22# version update.
23# add an action in an intent filter of a receiver.
24# version update.
25# add a meta-data in app.
26#, 27# version update.
28# add xmlns:tools. Change theme of an activity. add <uses-sdk
tools:overrideLibrary="android.support.v14.preference" />.
29#, 30#, 31#, 32# version update.

968. <https://github.com/0xpr03/VocableTrainer-Android>

Project created date: 2017-04-27
Download in play store:
Commit period: Apr 29, 2017 to Oct 28, 2017 – 6 months

Commit number: 8

No. of developers involved: 1

App components: activity – 9 service – receiver – provider –

1# change package structure of three activities. Change name of an activity.

2# add xml encoding tag. Add an activity.

3# add an activity.

4# change name of an activity. add about activity.

5# add use permissions. add four activities.

6# change name of an activity.

7# add theme in eight activities and parent activity name in six activities.

8# remove two activities. Add an activity.

9# change package structure of 9 activities names.

969. <https://github.com/PaulWoitaschek/Voice>

Project created date: 2014-08-02

Download in play store: 100,000 - 500,000

Commit period: Aug 17, 2017 to Aug 22, 2017 – 5 days

Commit number: 2

No. of developers involved: 1

App components: activity – 4 service – 1 receiver – 2 provider – 1

1# formatting change.

2# remove a service.

970. <https://github.com/siacs/VoiceRecorder>

Project created date: 2015-06-29

Download in play store: 1,000 - 5,000

Commit period: May 19, 2015 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# add use permissions. add configChanges in an activity.

971. <https://github.com/michaelkourlas/voipms-sms-client>

Project created date: 2014-09-20

Download in play store: 10,000 - 50,000

Commit period: May 24, 2015 to Jun 12, 2017 – 2 yrs.

Commit number: 24

No. of developers involved: 1

App components: activity – 5 service – 8 receiver – 2 provider –

1# change package structure of a receiver and a service name.

2# add copyright.

3# add a use permission. add an activity and a receiver.

4# add singleTop launch mode in an activity. add noHistory="true" in an activity.

5# add an intent filter in an activity.

6# add exported="true" and an action in a receiver. add exported="false" and an intent filter in a service. Add a receiver and a service.
 7#, 8# add a use permission.
 9# add an activity.
 10# add a use permission and a receiver.
 11# add app name.
 12# change copyright.
 13# formatting change.
 14# change copyright.
 15# remove a use permission.
 16# add a receiver.
 17# change package structure of two services names.
 18# add xmlns:tools. Add backupAgent, fullBackupContent="true", and tools:ignore="GoogleAppIndexingWarning" in application.
 19# remove a permission, two use permissions, and a receiver. change name and an action name of two services.
 20# remove a use permission.
 21# add a meta-data in app.
 22# add a use permission.
 23# remove a use permission. change app name and backupAgent and add supportsRtl="true" in application. Remove singleTop launch mode from an activity. change package structure of a parent activity name and add two intent filters in an activity. remove an activity and add a new activity. change name and package structure of parent activity name of an activity. change package structure of an activity name and its parent activity name. remove three activities. remove exported="false" and add tools:ignore="ExportedService" in two services. Change name of a service. Remove a meta-data from app. Add six services. Remove three receivers. Add two receivers.
 24# add a use permission.

972. <https://github.com/stephanepoinsart/votar>

Project created date: 2014-01-08
 Download in play store: 5,000 - 10,000
 Commit period: Dec 3, 2015 to May 11, 2016 – 5 months
 Commit number: 6
 No. of developers involved: 1
 App components: activity – 1 service – receiver – provider –
 Exclusive version and uses-sdk related commit: 6

1# upgrade target sdk from 19 to 23.

2#, 3#, 4#, 5#, 6# version update.

973. <https://github.com/vuze/vuze-remote-for-android>

Project created date: 2015-01-08
 Download in play store: 100,000 - 500,000
 Commit period: Mar 18, 2016 to Feb 9, 2017 – 10 months
 Commit number: 7

No. of developers involved: 1

App components: activity – 12 service – 1 receiver – provider –

1# remove version and uses-sdk. Add <uses-sdk tools:overrideLibrary />. Add a use feature. Add app banner. Remove a meta-data from app. Add a leanback category in an activity. add enabled="true" and exported="false" in a service. Remove tools:ignore="ExportedReceiver" from a receiver. remove a service. Add a receiver and a service.

2# add a use feature.

3# formatting change.

4# remove two receivers and two services.

5# change value of tools:overrideLibrary in uses-sdk. Add a use permission. use shorthand in app and activities names. Change label of an activity. add a new activity. remove an activity. add an activity. change value of a meta-data in an activity. change theme of an activity. add a meta-data in app.

6# remove a meta-data from app.

7# change value of tools:overrideLibrary in uses-sdk. Add a service and two activities. Add three intent filters in an activity.

974. <https://github.com/aperifons/Wa-Tor>

Project created date: 2016-03-17

Download in play store:

Commit period: Mar 23, 2016 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# change app icon and add supportsRtl="true". add an activity.

975. <https://github.com/mafrosis/Wake-On-Lan>

Project created date: 2010-11-08

Download in play store: 100,000 - 500,000

Commit period: Mar 22, 2009 to Jan 30, 2014 – 4 yrs. 10 months

Commit number: 22

No. of developers involved: 3 (20, 1, 1)

App components: activity – 2 service – receiver – 1 provider – 1

Exclusive version and uses-sdk related commit: 11

1# change package name.

2# add a use permission and a provider.

3# add icon, description, and debuggable="false" in application. Add singleInstance launch mode in an activity.

4# replace string constant with string resource in app description.

5#, 6#, 7#, 8# version update.

9# add min sdk.

10#, 11# version update.

12# add setting activity.

13# change label of an activity.

14# version update.

15# upgrade min sdk from 2 to 3.
16# version update.
17# remove setting activity.
18# add a use permission. change name of an activity.
19# add supports-screens.
20# version update. Upgrade min sdk from 3 to 8.
21# add an activity and a receiver.
22# formatting change.

976. <https://github.com/wallabag/android-app>

Project created date: 2014-02-07

Download in play store: 10,000 - 50,000

Commit period: Aug 20, 2014 to May 12, 2017 – 2 yrs. 8 months

Commit number: 40

No. of developers involved: 9 (26, 3, 3, 2, 2, 1, 1, 1, 1)

App components: activity – 7 service – 4 receiver – 5 provider – 1

1# formatting change.
2# add label in an activity.
3# move main intent filter to another activity.
4# add install location auto.
5# formatting change.
6# add app name. remove four activities. Add six activities. Move an intent filter to another activity.
7# add label in an activity.
8# remove comments.
9# add hardwareAccelerated="true" in an activity.
10# add an activity. remove two activities.
11# add an activity.
12# change app theme.
13# add a receiver and a service.
14# add supportsRtl="true".
15# add a receiver.
16# add an activity.
17# add a service.
18# add a receiver.
19# add a use permission and two receivers. Add enabled="false" in a receiver.
20#, 21# add an activity.
22# change name of an activity. change package structure of an activity name.
23#, 24# remove an activity.
25# add an intent filter in an activity.
26# add xmlns:tools. Add tools:ignore="BatteryLife" in an action of a receiver. add a service.
27# add theme in an activity.
28# change name of a service and add a service.
29# add a use permission.
30# add a meta-data in an activity.

31# add an action in an intent filter of an activity.
32# add maxSdkVersion in a use permission.
33# change value of maxSdkVersion in a use permission.
34# change name and add theme in an activity.
35# add an activity.
36# remove an activity.
37# change name of an activity. change label in an intent filter of the activity.
38# change label of an intent filter in an activity.
39# add android:networkSecurityConfig in application.
40# add a provider.

977. <https://github.com/walleth/walleth>

Project created date: 2017-05-01

Download in play store: 1,000 - 5,000

Commit period: May 3, 2017 to Nov 29, 2017 – 6 months

Commit number: 39

No. of developers involved: 3 (37, 1, 1)

App components: activity – 21 service – 4 receiver – provider –

1# add app name. add an activity.

2# add theme in an activity. add a new activity.

3# add an activity.

4# change name of an activity.

5# add a use permission.

6# add a service.

7# add an activity.

8# add a service.

9# add an activity.

10# remove an activity.

11#, 12# add an activity.

13# change name of an activity.

14#, 15# add an activity.

16# add a service.

17#, 18# add an activity.

19# change package name. change package structure of two services names. Use fully qualified name in activities names.

20# add an activity.

21# add a use permission, a service, and an activity.

22# add a service.

23# add an activity.

24# remove a service.

25# add a service.

26# change name of an activity.

27#, 28#, 29# add an activity.

30# change name of two activities.

- 31# add a use permission and an activity.
- 32# add an activity.
- 33# remove an activity. add two activities.
- 34# remove an activity. add an activity.
- 35# add an activity.
- 36# add windowSoftInputMode="adjustResize" in an activity.
- 37# add use features.
- 38# change name of two activities.
- 39# add a meta-data in an activity.

978. <https://github.com/SpEcHiDe/WhatsAppTransmitter>

Project created date: 2015-02-17

Download in play store:

Commit period: Apr 8, 2016 to Jun 8, 2016 – 2 months

Commit number: 2

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

1# change package name. add a use permission. change resource app icon and add supportsRtl="true". remove label from an activity. add a meta-data in app.

2# remove a meta-data from app.

979. <https://github.com/scoute-dich/Weather>

Project created date: 2016-03-03

Download in play store: 1,000 - 5,000

Commit period: Apr 9, 2016 to Dec 7, 2016 – 8 months

Commit number: 11

No. of developers involved: 2 (8, 3)

App components: activity – 8 service – receiver – provider –

1# Remove nine activities. Add five new activities.

2# add fullBackupContent="true" in application. Remove parent activity name from an activity.

3# change value of supportsRtl to false.

4# change package structure of two activities names. remove two activities. Add two activities.

5# syntax change.

6# change name of two activities.

7# add xmlns:tools. Add tools:ignore="GoogleAppIndexingWarning" in application.

8# add a use permission and an activity. remove configChanges and change launch mode to singleTask in an activity. add singleTask launch mode in five activities.

9# no changes.

10# change name and add theme in an activity.

11# change launch mode to singleTop in seven activities. Add a meta-data in an activity. remove label from three activities. Remove an activity. add two activities.

980. <https://github.com/SecUSo/privacy-friendly-weather>

Project created date: 2016-05-03

Download in play store: 1,000 - 5,000

Commit period: May 23, 2016 to Sep 6, 2017 – 1 yr. 3 months

Commit number: 30

No. of developers involved: 4 (17, 7, 4, 2)

App components: activity – 13 service – 1 receiver – 3 provider –

1# add portrait orientation in an activity.

2# change package name. add supportsRtl="true". use fully qualified name and add theme in an activity. add four activities.

3# change package name. use shorthand in activities names. Remove an activity.

4# add a use permission.

5# add a service.

6# change app icon.

7# add an activity.

8# change label of an activity.

9# Add an activity.

10# add a service.

11# change label of an activity.

12# change parent activity name in an activity.

13# change label of an activity. add an activity.

14# change label of an activity.

15# add an activity.

16# replace string constant with string resource in label of an activity. add an activity.

17# change app icon.

18# add a new activity and make it main activity.

19# add portrait orientation in an activity.

20# remove portrait orientation from three activities.

21# add an activity.

22# change name of parent activity and its meta-data in four activities. Remove two activities.

23# add an activity and a receiver.

24# change package structure of 9 activities names.

25# add an activity.

26# remove a service. Add a service.

27# remove a service.

28# add two activities and two receivers.

29# remove portrait orientation from four activities.

30# add theme in two activities. Add a parent activity name in an activity.

981. <https://github.com/opacapp/opacclient>

Project created date: 2012-06-17

Download in play store: 50,000 - 100,000

Commit period: Mar 15, 2015 to Nov 6, 2017 – 2 yrs. 7 months

Commit number: 11

No. of developers involved: 2 (9, 2)

App components: activity – 13 service – 1 receiver – 1 provider – 1

Exclusive version and uses-sdk related commit: 1

- 1# remove version and uses-sdk.
- 2# add supportsRtl="false".
- 3# replace package name with a placeholder in an authorities of a provider.
- 4# add xmlns:tools. Add tools:replace="android:supportsRtl, android:allowBackup" in application.
- 5# add a use permission, an activity, a service, and two receivers. remove a service. Add an action in an intent filter of a receiver. remove a receiver.
- 6# add two intent filters in an activity.
- 7# add exported="false" in a service. Add a service.
- 8# add an activity.
- 9# change theme of an activity.
- 10# add a meta-data in app.
- 11# remove a receiver and a service.

982. <https://github.com/tobykurien/webapps>

Project created date: 2013-08-22

Download in play store: 5,000 - 10,000

Commit period: Aug 22, 2013 to Jul 9, 2017 – 3 yrs. 10 months

Commit number: 33

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

Exclusive version and uses-sdk related commit: 24

- 1# upgrade min sdk from 7 to 11. Remove an activity.
- 2# add two intent filters in an activity.
- 3#, 4#, 5# version update.
- 6# upgrade target sdk from 14 to 18.
- 7# version update.
- 8# change package structure of three activities names.
- 9#, 10# version update.
- 11# add an activity.
- 12#, 13#, 14# version update.
- 15# version update. Upgrade target sdk from 18 to 23. Add allowBackup="true".
- 16# version update.
- 17# enable hardware acceleration.
- 18# version update.
- 19# add a use permission. change value of allowBackup to false. Remove hardwareAccelerated="true" and add usesCleartextTraffic="false" in application.
- 20#, 21# version update.
- 22# remove an intent filter from an activity.
- 23# version update.
- 24# add a meta-data in app.
- 25#, 26#, 27#, 28#, 29#, 30#, 31#, 32#, 33# version update.

983. <https://github.com/Starcommander/StreamRadio>

Project created date: 2016-01-24
Download in play store:
Commit period:
Commit number: 0

984. <https://github.com/martykan/webTube>

Project created date: 2015-12-31
Download in play store:
Commit period: Jan 5, 2016 to Mar 30, 2016 – 2 months
Commit number: 8
No. of developers involved: 2 (4, 4)
App components: activity – 2 service – receiver – 1 provider –

1# add an intent filter in an activity.
2# add two data elements in an intent filter of an activity.
3# add four data elements in an intent filter of an activity.
4# add data elements in an intent filter.
5# add an activity.
6# add install location auto.
7# add theme in an activity. add a receiver.
8# add a use permission.

985. <https://github.com/ubergeek42/weechat-android>

Project created date: 2012-02-26
Download in play store: 50,000 - 100,000
Commit period: Sep 9, 2013 to Mar 1, 2017 – 3 yrs. 5 months
Commit number: 19
No. of developers involved: 7 (9, 3, 3, 1, 1, 1, 1)
App components: activity – 4 service – 1 receiver – 2 provider –
Exclusive version and uses-sdk related commit: 1

1# upgrade min sdk from 7 to 8.
2# add a use permission.
3# remove an activity.
4# remove app name.
5# remove version and uses-sdk. Add allowBackup="false" and change app theme.
6# add windowSoftInputMode="adjustResize" in application.
7# add a use permission and a receiver.
8# add a use permission.
9# add a receiver.
10# change name of a receiver.
11# add a permission and a use permission.
12# replace package name with a placeholder in a permission and a use permission name.
13# add a use permission.
14# add xmlns:tools. Add <uses-sdk tools:overrideLibrary="android.support.v14.preference" />. Add app label. remove an activity. add an activity. add an intent filter in an activity.

15# remove an activity.
16# add app name.
17# add an activity.
18# add theme and excludeFromRecents="true" in an activity.
19# change app icon.

986. <https://github.com/DaylightingSociety/WhereAreTheEyes>

Project created date: 2016-10-22
Download in play store: 500 - 1,000
Commit period: Nov 11, 2016 to Jul 5, 2017 – 7 months
Commit number: 2
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –

1# add a use permission.
2# remove a service.

987. <https://github.com/biylida/WhereYouGo>

Project created date: 2014-08-25
Download in play store: 100,000 - 500,000
Commit period: Mar 30, 2016 to May 2, 2017 – 1 yr. 1 month
Commit number: 11
No. of developers involved: 1
App components: activity – 21 service – 1 receiver – provider –
Exclusive version and uses-sdk related commit: 2

1# add allowBackup="true". remove an activity and a service.
2# change debuggable to true. add four data elements in an intent filter of an activity.
3# add xmlns:tools. Add tools:replace="icon, label" in application. Add an activity.
4# version update.
5# remove a use permission. change debuggable to false.
6# change debuggable to true. move an intent filter to another activity and add an intent filter in the activity.
7# remove version and use-sdk.
8# remove a use permission.
9# add a use permission and use features. Change debuggable to false. Add an activity.
10# add a use permission.
11# add required="false" in two use features.

988. <https://github.com/stovocor/whohasmystuff>

Project created date: 2011-10-02
Download in play store: 1,000 - 5,000
Commit period: Jul 31, 2016 to Feb 19, 2017 – 6 months
Commit number: 6
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 3

- 1# add allowBackup="true".
- 2# version update.
- 3# remove use permissions.
- 4# upgrade target sdk from 22 to 24.
- 5# remove version and uses-sdk.
- 6# add app theme.

989. <https://github.com/BramBonne/privacypolice>

Project created date: 2014-11-03

Download in play store: 100,000 - 500,000

Commit period: Mar 12, 2014 to Mar 31, 2016 – 2 yrs.

Commit number: 19

No. of developers involved: 1

App components: activity – 5 service – receiver – 4 provider –

- 1# remove an activity.
- 2# revert 1#. Add a use permission and an action in an intent filter of a receiver.
- 3# add a receiver.
- 4# formatting change.
- 5# use fully qualified name in a receiver name. add use permissions and an activity.
- 6# remove use permissions.
- 7# remove label from an activity.
- 8#, 9# formatting change.
- 10# add comments.
- 11# add theme and excludeFromRecents="true" in an activity.
- 12# change name of an activity and parent activity name.
- 13#, 14# add an activity.
- 15# add a use permission. add exported="false" in a receiver. use shorthand in an activity and a receiver name. remove theme from an activity.
- 16# add a use permission.
- 17#, 18# add a receiver.
- 19# add an activity.

990. <https://github.com/glesik/wifireminders>

Project created date: 2013-05-19

Download in play store:

Commit period: Feb 16, 2015 to Apr 17, 2016 – 1 yr. 2 months

Commit number: 6

No. of developers involved: 1

App components: activity – 3 service – 1 receiver – 4 provider –

Exclusive version and uses-sdk related commit: 4

- 1# remove uses-sdk.
- 2# version update.
- 3# change app icon.

4# add a receiver.
5#, 6# version update.

991. <https://github.com/marcus905/android-wifi-ace>

Project created date: 2015-03-13
Download in play store: 100,000 - 500,000
Commit period: Aug 19, 2010 to Jan 15, 2012 – 1 yr. 5 months
Commit number: 11
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –
Exclusive version and uses-sdk related commit: 10

1#, 2#, 3#, 4# version update.
5# version update. Downgrade min sdk from 5 to 4.
6#, 7#, 8# version update.
9# downgrade min sdk from 4 to 3.
10# version update. Upgrade min sdk from 3 to 4.
11# version update. Add a use feature.

992. <https://github.com/j4velin/WiFi-Automatic>

Project created date: 2013-11-19
Download in play store: 1,000,000 - 5,000,000
Commit period: Jul 30, 2014 to Dec 1, 2017 – 3 yrs. 4 months
Commit number: 38
No. of developers involved: 1
App components: activity – 1 service – 2 receiver – 3 provider –
Exclusive version and uses-sdk related commit: 30

1# upgrade target sdk from 18 to 19.
2# version update.
3# upgrade target sdk from 19 to 21.
4# version update.
5# remove an action from an intent filter of a receiver. add a receiver.
6#, 7#, 8#, 9# version update.
10# version update. Upgrade min sdk from 7 to 9. Add use permissions, use features, two meta-data, two activities, and two services.
11# version update.
12# remove use permissions, use features, two meta-data, two activities, and two services.
13# remove a use permission.
14#, 15#, 16# version update.
17# version update. Upgrade target sdk from 21 to 22.
18# add install location internalOnly.
19#, 20#, 21#, 22#, 23# version update.
24# version update. Upgrade target sdk from 22 to 23.
25# version update. Remove process from two receivers and a service.
26# add an action in an intent filter of a receiver.

27#, 28#, 29#, 30#, 31# version update.
32# version update. Add a service.
33#, 34#, 35#, 36# version update.
37# upgrade min sdk from 9 to 14 and target sdk from 23 to 27.
38# version update. Downgrade target sdk from 27 to 25.

993. <https://github.com/Zanshinmu/Wifi-Fixer>

Project created date: 2010-05-06
Download in play store: 1,000,000 - 5,000,000
Commit period: May 9, 2010 to Jun 4, 2016 – 6 yrs. 1 month
Commit number: 636
No. of developers involved: 1
App components: activity – 4 service – 5 receiver – 6 provider – 1
Exclusive version and uses-sdk related commit: 538

1#, 2#, 3#, 4#, 5# version update.
6# version update. Add an activity.
7#, 8#, 9#, 10#, 11#, 12#, 13#, 14#, 15#, 16#, 17#, 18#, 19#, 20# version update.
21# version update. Add max sdk.
22#, 23#, 24#, 25#, 26#, 27#, 28#, 29#, 30#, 31# version update.
32# version update. Add process in two services.
33#, 34#, 35#, 36#, 37#, 38#, 39#, 40#, 41# version update.
42# version update. Change process name in two services.
43#, 44#, 45#, 46#, 47# version update.
48# formatting change.
49# version update.
50# version update. Remove max sdk.
51# - 75# version update.
76# syntax change.
77#, 78#, 79#, 80#, 81#, 82#, 83#, 84#, 85#, 86# version update.
87# version update. Add an activity.
88#, 89#, 90#, 91# version update.
92# version update. Remove an activity. change name of a receiver.
93# version update. Add a service.
94# - 117# version update.
118# add a use permission.
119# - 199# version update.
200# change name of an action in a service.
201# - 207# version update.
208# version update. Upgrade target sdk from 7 to 8.
209# version update. Remove process from two services.
210# version update. Add process in two services.
211# version update.
212# change name of a receiver.
213# version update.

214# version update. Add a use feature.
215#, 216# version update.
217# version update. Add singleTask launch mode in an activity.
218# add colon in process name of two services (process is private to app).
219# version update.
220# version update. Add two actions in an intent filter of a receiver. change process name of two services.
221# version update. Add process in application. Remove process from two services.
222# version update.
223# change name of an activity.
224# version update.
225# remove process from application. Add two actions in an intent filter of a receiver. add process in two services. Remove an intent filter from two services. Add a receiver.
226# change three action names in an intent filter of a receiver.
227# add an action in an intent filter of a receiver.
228# add backupAgent and android:restoreAnyVersion = "true" in application. Add a meta-data in app.
229# version update.
230# change launch mode to singleTop in an activity.
231# - 234# version update.
235# change name of an action in an intent filter of a receiver.
236# - 238# version update.
239# add three actions in an intent filter of a receiver.
240# - 271# version update.
272# add comments.
273# - 292# version update.
293# add install location internalOnly. Add a use feature.
294# - 311# version update.
312# version update. Add allowBackup="true".
313# version update. Remove allowBackup="true".
314# - 317# version update.
318# change copyright.
319#, 320# version update.
321# remove comments.
322# formatting change.
323# - 327# version update.
328# version update. Remove period from a receiver name.
329# - 338# version update.
339# version update. Upgrade target sdk from 8 to 10.
340# - 343# version update.
344# version update. Downgrade target sdk from 10 to 8.
345# - 358# version update.
359# change launch mode to singleTask in an activity.
360# - 368# version update.

369# version update. Add a receiver. remove an action from an intent filter of a receiver.

370# version update.

371# add a service.

372# version update.

373# change class and process of a receiver. add a service.

374# version update.

375# version update. Change name of five action in an intent filter of a receiver.

376# version update.

377# version update. Change package structure of 4 activities, 2 receivers, and 2 services. Change name of action elements in an intent filter of a receiver.

378# add period in the value of backupAgenet.

379# version update. Change package structure of a receiver name. remove class attribute and change name of action elements in an intent filter of a receiver.

380# - 395# version update.

396# version update. Upgrade min sdk from 3 to 4.

397# - 402# version update.

403# change value of backupAgent.

404# version update. Upgrade target sdk from 8 to 11. Remove portrait orientation and configChanges from an activity.

405# - 406# version update.

407# version update. Add app theme.

408# enable hardware acceleration.

409# - 413# version update.

414# change app theme.

415# version update. Change app theme.

416# version update. Add an action in an intent filter of a receiver. add a service.

417# version update.

418# add comments.

419# change a comment.

420# version update.

421# change a comment.

422# - 426# version update.

427# change value of backupAgent. Change package structure of a service and a receiver name.

428# add an activity.

429# - 433# version update.

434# formatting change.

435# version update.

436# add an activity.

437# version update. Change name of an activity.

438# version update. Change launch mode to singleTop in an activity.

439# - 440# version update.

441# version update. Add supports-screens.

442# - 456# version update.

457# formatting change.

458# - 467# version update.
468# version update. Remove process from a receiver and two services.
469# version update.
470# version update. Change launch mode to singleTask and add clearTaskOnLaunch="true" in an activity.
471# - 482# version update.
483# version update. remove an activity. add an activity.
484# version update.
485# remove an activity. add an activity.
486# version update. Upgrade target sdk from 11 to 14.
487# formatting change.
488# add an activity.
489# change copyright.
490# - 491# version update.
492# change a comment.
493# version update.
494# version update. Add uiOptions in application.
495# version update.
496# remove an activity.
497# formatting change.
498# - 503# version update.
504# add xmlns:tools. Add tools:ignore="ExportedReceiver" in three receivers.
505# version update.
506# change name of an action in an intent filter of a receiver.
507# - 518# version update.
519# remove tools:ignore="ExportedReceiver" and add label in a receiver. add a receiver and two services.
520# remove two services. Change anonymous to named services in two services names.
521# version update. Remove xmlns:tools. Remove tools:ignore="ExportedReceiver" from two receivers.
522# add an action in an intent filter of a receiver.
523# version update.
524# version update. Remove an action from an intent filter of a receiver.
525# - 530# version update.
531# version update. Add an action in an intent filter of a receiver.
532# - 535# version update.
536# version update. Add max sdk.
537# version update. Upgrade max sdk from 16 to 17.
538# - 540# version update.
541# version update. Upgrade min sdk from 4 to 7. Add uiOptions in application.
542# add allowBackup="true".
543# version update. Change name and class of a service.
544# - 545# version update.
546# version update. Change name of an activity.

547# remove an activity.
548# - 550# version update.
551# remove uiOptions from application. Remove class attribute from three services.
552# add a category in an intent filter of an activity. add a use library and five meta-data in app.
553# - 554# version update.
555# upgrade target sdk from 16 to 17.
556# - 560# version update.
561# version update. Change value of required to false in two use features.
562# - 579# version update.
580# version update. Remove an activity.
581# version update. Add a service.
582# - 588# version update.
589# version update. Upgrade max and target sdk from 17 to 18.
590# version update.
591# version update. Upgrade max and target sdk from 18 to 19.
592# version update. Remove a service.
593# - 603# version update.
604# version update. Add a receiver.
605# - 611# version update.
612# version update. Change value of a meta-data from app.
613# version update.
614# version update. Add a use permission.
615# version update. Add icon in a service.
616# - 618# version update.
619# version update. Add a provider.
620# - 624# version update.
625# version update. Upgrade max and target sdk from 19 to 22. Remove a service. Add an action in an intent filter of a receiver.
626# - 628# version update.
629# version update. Upgrade max and target sdk from 22 to 23.
630# add parent activity meta-data in three activities.
631# version update.
632# version update. Upgrade max sdk from 23 to 24.
633# version update. Downgrade max sdk from 24 to 23.
634# version update. Add a use feature.
635# - 636# version update.

994. <https://github.com/js-labs/WalkieTalkie>

Project created date: 2015-07-25

Download in play store: 50,000 - 100,000

Commit period: Jan 10, 2016 to Oct 9, 2016 – 9 months

Commit number: 11

No. of developers involved: 1

App components: activity – 1 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 8

- 1# - 4# version update.
- 5# add a service.
- 6# - 8# version update.
- 9# syntax change.
- 10# add use permissions. add exported="false" in a service.
- 11# version update.

995. https://github.com/SLoeuillet/WIFI_EAP_SIM_Conf

Project created date: 2014-07-07

Download in play store: XXXXXXX

Commit period: Jul 16, 2014 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 1

- 1# add uses-sdk.

996. <https://github.com/VREMSoftwareDevelopment/WifiAnalyzer>

Project created date: 2015-12-09

Download in play store: 1,000,000 - 5,000,000

Commit period: Dec 20, 2015 to Nov 5, 2017 – 1 yr. 10 months

Commit number: 33

No. of developers involved: 2 (29, 4)

App components: activity – 4 service – receiver – provider –

- 1# no changes.
- 2# add a use permission.
- 3# add setting activity.
- 4# add label and theme in an activity.
- 5# remove label from app.
- 6# add app label. Remove theme from two activities.
- 7# remove app theme. Change package structure of an activity name.
- 8# change label of an activity.
- 9# add app theme. Add parent activity name and its meta-data in an activity. add an activity.
- 10# remove an activity.
- 11# add app name.
- 12# revert 11#.
- 13# add configChanges in an activity.
- 14# add singleTop launch mode in an activity.
- 15# add singleTask launch mode in an activity.
- 16# change label of an activity. add an activity.
- 17# add copyright.
- 18# add configChanges in two activities.
- 19# revert 18#.

20# change copyright.
21# formatting change.
22# change copyright.
23# add install location auto.
24# change copyright.
25# add windowSoftInputMode="stateHidden" in an activity.
26# revert 25#.
27# add resizableActivity="true" and a meta-data in app.
28# remove a use permission.
29# add an activity. change an action and a category name of an intent filter of an activity.
30# add configChanges in an activity.
31# revert 30#.
32# remove label from two activities.
33# enable hardware acceleration.

997. <https://github.com/ivanvolosyuk/wifikeyboard>

Project created date: 2015-03-05
Download in play store: 500,000 - 1,000,000
Commit period: Jun 12, 2010 to Jun 10, 2013 – 3 yrs.
Commit number: 28
No. of developers involved: 1
App components: activity – 3 service – 2 receiver – 1 provider –
Exclusive version and uses-sdk related commit: 15

1# version update.
2# version update. Add target sdk. Add supports-screens.
3# version update. Add debuggable="false". Add a use permission.
4# - 6# version update.
7# formatting change.
8# change debuggable to true.
9# version update. Add a use permission.
10#, 11# version update.
12# formatting change.
13# version update. Change debuggable to false.
14# change debuggable to true.
15# version update. Change debuggable to false.
16# version update. Syntax change incorrectly.
17# correct syntax error.
18# version update. Remove debuggable="false". Add clearTaskOnLaunch="true" and noHistory="true" in an activity. add two activities and a receiver. add xlarge screen.
19# - 23# version update.
24# add copyright.
25# version update. Upgrade target sdk from 8 to 15.
26# upgrade target sdk from 15 to 17.
27#, 28# version update.

998. <https://github.com/bparmentier/WiFiKeyShare>

Project created date: 2016-01-14

Download in play store: 5,000 - 10,000

Commit period: Jan 15, 2016 to Feb 3, 2016 – 19 days

Commit number: 6

No. of developers involved: 1

App components: activity – 6 service – receiver – provider –

1# add copyright.

2# change allowBackup to false.

3# add an activity.

4# change label of an activity.

5# add app name. use shorthand in two activities names. Add three activities.

6# change package structure of 4 activities names.

999. <https://github.com/wiglenet/wigle-wifi-wardriving>

Project created date: 2012-09-16

Download in play store: 500,000 - 1,000,000

Commit period: Aug 19, 2015 to Nov 6, 2017 – 2 yrs. 2 months

Commit number: 36

No. of developers involved: 2 (29, 7)

App components: activity – 10 service – 1 receiver – 1 provider – 1

Exclusive version and uses-sdk related commit: 23

1# change name of an activity and a parent activity name and its meta-data.

2# upgrade target sdk from 22 to 23.

3# remove an activity. change a parent activity name and its meta-data in an activity.

4# remove an activity.

5# - 7# version update.

8# version update. Remove a use permission.

9# upgrade target sdk from 23 to 24.

10# - 12# version update.

13# add three intent filters in an activity. remove an intent filter from four activities. Add an activity.

14#, 15# version update.

16# remove install location auto. Add use permissions. add a use feature. Add an activity. add a meta-data in app.

17# remove a use permission.

18#, 19# version update.

20# add a meta-data in app.

21# version update.

22# upgrade target sdk from 24 to 25.

23# version update.

24# remove three intent filters from an activity. add a receiver.

25# add an activity.

26# upgrade target sdk from 25 to 26.

27# add an activity.
28# version update.
29# upgrade min sdk from 9 to 14.
30# add an activity.
31# - 35# version update.
36# add a provider.

1000. https://github.com/WikiJourney/wikijourney_app

Project created date: 2015-05-24
Download in play store: 100 - 500
Commit period: May 25, 2015 to Jul 11, 2016 – 1 yr. 1 month
Commit number: 12
No. of developers involved: 2 (10, 1, 1)
App components: activity – 1 service – receiver – provider –

1# change app icon.
2# add a use permission.
3# revert 2#.
4# remove an activity.
5# change app theme.
6# add app name.
7# add supportsRtl="true".
8# add portrait orientation and configChanges in an activity.
9# change app name.
10# add two intent filters in an activity.
11# change app icon.
12# change package name.

1001. <https://github.com/wikimedia/apps-android-wikipedia>

Project created date: 2013-10-25
Download in play store: 10,000,000 - 50,000,000
Commit period: Aug 14, 2015 to Dec 5, 2017 – 2 yrs. 3 months
Commit number: 106
No. of developers involved: 9 (46, 32, 16, 4, 3, 2, 1, 1, 1)
App components: activity – 29 service – 3 receiver – 6 provider – 4

1# add configChanges in an activity.
2# change theme of an activity.
3# remove an activity.
4# remove two activities.
5# change label of an activity.
6# change name of an activity, add label and noHistory="true" in the activity, and remove launch mode, exported="false", and finishOnTaskLaunch="true" from the activity.
7# change resource folder of icons in app and two receivers.
8# change theme of an activity.
9# add tools:replace="android:allowBackup" in application.

10# add a provider.
11# add an intent filter in an activity.
12# add a use permission. change name, remove exported="true" and tools:ignore="ExportedReceiver", and add an action in an intent filter of a receiver.
13# add a meta-data in app.
14# remove a use permission.
15# add configChanges in an activity.
16# add use permissions and a service.
17# replace value of authorities with string resource in five providers.
18# add a provider and a service.
19# add an activity.
20# add a provider.
21#, 22#, 23#, 24#, 25# remove a provider.
26# formatting change.
27#, 28# add a service.
29# remove a use permission.
30# add an activity.
31# add theme in an activity.
32# change name of an activity.
33# remove an activity.
34#, 35# add an activity.
36# remove an activity.
37# add tools:ignore="GoogleAppIndexingUrlError" in an activity.
38# add an activity.
39#, 40# change name of an activity.
41# change theme of an activity.
42# change value of window soft to stateAlwaysHidden in an activity.
43# move an intent filter to another activity.
44# add parent activity name and its meta-data in an activity.
45# add adjustPan in window soft of an activity.
46# change theme of an activity.
47# remove a use feature.
48# change package structure of an activity and parent activity name.
49# remove configChanges from an activity.
50# change package structure of an activity name.
51# add an activity.
52# add windowSoftInputMode="stateVisible|adjustResize" in an activity.
53#, 54# change package structure of an activity name.
55# add an activity.
56# remove exported="false" from nine activities.
57#, 58# add an activity.
59# add a use permission and a receiver.
60# change package structure of an activity name.
61# remove stateVisible from window soft of an activity.

62# add a meta-data and a uses library in app. Add a category in an intent filter of an activity.
63# add a use permission.
64# change scheme of a data in an intent filter of an activity.
65# change package structure of a service name.
66# add an activity.
67# add adjustPan in window soft of an activity. change adjustPan to adjustResize in window soft of an activity.
68# remove a service.
69# change stateHidden to stateAlwaysHidden in window soft of an activity.
70# remove stateAlwaysHidden from window soft of an activity.
71# add use features.
72# revert 71#.
73# add tools:node="strict" in manifest. Add tools:node="replace" in two use features. Add a use feature.
74# change allowBackup to true and add android:fullBackupContent in application.
75# change theme of an activity.
76# add an activity.
77# change stateVisible to stateAlwaysHidden in window soft of two activities.
78# add a use permission.
79# add a provider.
80#, 81#, 82# add an activity.
83# add singleTask launch mode in an activity. add a receiver.
84# add an activity.
85# add an intent filter in an activity.
86# remove theme from ten activities. change theme of three activities. add theme in nine activities.
87# add theme in an activity.
88# add an intent filter in an activity.
89# remove theme from an activity and add theme in an activity.
90# remove theme from an activity.
91# add two data elements in an intent filter of an activity.
92# change theme of an activity. add theme in an activity.
93# change scheme of a data of an intent filter of an activity.
94# change theme of an activity.
95#, 96# add an activity.
97# add a use permission. protect a service with a permission.
98# remove maxSdkVersion from a use permission.
99# change a comment.
100# add an activity.
101# add two receivers.
102# add an activity.
103# revert 101# add a receiver.
104# remove label and theme from an activity.
105# add an activity.
106# change exported to true in an activity.

1002. <https://github.com/conchyliculture/wikipoff>

Project created date: 2014-01-16

Download in play store:

Commit period: May 19, 2016 to May 23, 2016 – 5 days

Commit number: 3

No. of developers involved: 1

App components: activity – 8 service – receiver – provider –

Exclusive version and uses-sdk related commit: 2

1# remove a service.

2#, 3# version update.

1003. <https://github.com/sryze/wirebug>

Project created date: 2016-02-06

Download in play store: 100 - 500

Commit period: Feb 7, 2016 to Sep 1, 2017 – 1 yr. 6 months

Commit number: 13

No. of developers involved: 2 (11, 2)

App components: activity – 2 service – 1 receiver – 1 provider –

Exclusive version and uses-sdk related commit: 4

1# add version name and code.

2#, 3# version update.

4# remove version name and code.

5# add a use permission.

6# use shorthand in an activity name. add setting activity.

7# add a use permission, a service, and a receiver.

8# change app icon.

9# add a use permission.

10# add label and parent activity name and its meta-data in an activity.

11# add singleTop launch mode in an activity.

12# add app name.

13# add android:fullBackupContent in application. Add an action in an intent filter of an activity.

1004. <https://github.com/GrahamBlanshard/WiseRadar>

Project created date: 2013-01-22

Download in play store: 1,000 - 5,000

Commit period: Jan 23, 2013 to Nov 17, 2015 – 2 yrs. 9 months

Commit number: 14

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

Exclusive version and uses-sdk related commit: 6

1# change package structure of an activity name. add an activity.

2# remove an activity.

3# change a use permission and add a use permission.

4# add about activity.
5# change app icon.
6# version update. Remove debuggable="true".
7# downgrade min sdk from 10 to 6.
8# version update.
9# version update. Upgrade min sdk from 6 to 12.
10# version update. Add target sdk. Add configChanges in an activity.
11# version update. add an activity. remove three activities.
12#, 13#, 14# version update.

1005. <https://github.com/yeriomin/WorkoutLog>

Project created date: 2015-12-22
Download in play store:
Commit period: Jan 14, 2016 – 1 day
Commit number: 2
No. of developers involved: 1
App components: activity – 2 service – receiver – provider –

1# add android:fullBackupContent in application.
2# no changes.

1006. <https://github.com/arminha/worldclockwidget>

Project created date: 2012-06-20
Download in play store: 100,000 - 500,000
Commit period: Jul 1, 2014 to Nov 11, 2014 – 4 months
Commit number: 2
No. of developers involved: 1
App components: activity – 4 service – 4 receiver – 11 provider – 1
Exclusive version and uses-sdk related commit: 1

1# remove version and uses-sdk.
2# add app name.

1007. <https://github.com/Kestutis-Z/World-Weather>

Project created date: 2015-01-08
Download in play store: 1,000 - 5,000
Commit period: Jan 15, 2015 to Dec 9, 2016 – 1 yr. 10 months
Commit number: 8
No. of developers involved: 1
App components: activity – 5 service – 1 receiver – provider – 1

1# remove version and uses-sdk. Remove app theme and add supportsRtl="true". use shorthand in an activity name. add parent activity name and its meta-data in five activities. Change icon of four activities.
2# change install location to preferExternal. use fully qualified name in an activity name. remove an activity.

- 3# change icon of two activities.
- 4# add a meta-data in app. Add singleTop launch mode, an intent filter, and a meta-data in an activity.
- 5# change install location to auto.
- 6# revert 5#.
- 7# use shorthand in an activity name.
- 8# add app name.

1008. <https://github.com/nus-mtp/worldscope>

Project created date: 2015-08-28

Download in play store:

Commit period: Oct 17, 2015 to Mar 21, 2016 – 5 months

Commit number: 13

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

- 1# add a use permission, use features, and two activities.
- 2# add use permissions.
- 3# add an activity.
- 4# add a meta-data in app. Change name of an activity. add an activity.
- 5# change name of an activity.
- 6# change label of an activity.
- 7# add theme in an activity.
- 8# remove label from an activity. add instrumentation.
- 9# add theme and windowSoftInputMode="adjustResize" in an activity. remove label from two activities. Add windowSoftInputMode="adjustResize" in an activity.
- 10# add a use permission.
- 11# change name of an activity. change targetPackage name in instrumentation.
- 12# add portrait orientation in two activities.
- 13# remove instrumentation.

1009. <https://github.com/glesik/wpgen>

Project created date: 2015-02-15

Download in play store:

Commit period: Aug 20, 2017 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 1 service – receiver – provider –

- 1# add a use permission.

1010. <https://github.com/mattkwan/android-xserver>

Project created date: 2015-04-06

Download in play store: 50,000 - 100,000

Commit period: Mar 3, 2012 to Aug 16, 2014 – 2 yrs. 5 months

Commit number: 22

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

Exclusive version and uses-sdk related commit: 19

1#, 2#, 3#, 4#, 5# version update.

6# version update. Add an intent filter in an activity. add an activity.

7#, 8#, 9#, 10#, 11#, 12# version update.

13# add a use feature.

14#, 15# version update.

16# add target sdk. Add allowBackup="true" in application.

17#, 18#, 19#, 20#, 21#, 22# version update.

1011. <https://github.com/redsolution/xabber-android>

Project created date: 2013-01-29

Download in play store: 10,000 - 50,000

Commit period: Sep 21, 2015 to Sep 11, 2017 – 1 yr. 11 months

Commit number: 41

No. of developers involved: 3 (28, 8, 5)

App components: activity – 50 service – 1 receiver – 5 provider – 1

1# add a use permission.

2# add an activity.

3# remove an activity.

4# change parent activity name and its meta-data in an activity.

5# change parent activity name and its meta-data in an activity.

6# change package structure of 27 activities names.

7# Add an activity.

8# remove three activities.

9# remove an activity.

10# add an activity.

11# remove two services.

12#, 13#, 14# remove an activity.

15# add a provider.

16# use shorthand in an activity name and a parent activity name. add an activity.

17# change an activity name. change parentactivity name and its meta-data in six activities.

18# change name of fifteen activities. Change parent activity name and its meta-data in seven activities.

19# use fully qualified name in parent activity meta-data value of fourteen activities.

20# add a use permission.

21# add an activity.

22# remove an activity. add an activity. change name of parent activity and its meta-data in three activities.

23# change parent activity name and its meta-data in an activity. add an activity.

24#, 25# add an activity.

26# change a parent activity name. add parent activity name and its meta-data in an activity.

27# remove a use permission.

28# add noHistory="true" in an activity.
29# add a meta-data in app.
30# revert 29#.
31# add a meta-data in app.
32# revert 31#.
33#, 34#, 35#, 36# add an activity.
37# add a meta-data and two activities.
38# add an intent filter in an activity.
39# add a data in an intent filter of an activity.
40# add two activities.
41# add an activity.

1012. <https://github.com/freezy/android-xbmcremote>

Project created date: 2011-07-18

Download in play store: XXXXXXXX

Commit period: Aug 7, 2009 to Apr 16, 2014 – 4 yrs. 8 months

Commit number: 389

No. of developers involved: 12 (328, 27, 12, 7, 4, 3, 2, 2, 1, 1, 1, 1)

App components: activity – 21 service – receiver – 3 provider – 1

Exclusive version and uses-sdk related commit: 327

1# change package name. add a use permission and three activities.
2# add an activity.
3# change package name. change package structure of 4 activities names. Remove an activity.
4# add two activities.
5# add an activity.
6#, 7# add a use permission.
8# remove an activity.
9# add an activity.
10# add use permissions and a receiver.
11# formatting change.
12# add an activity.
13# change name of an activity. remove two activities. Add four new activities.
14# version update.
15# remove an activity.
16# - 18# version update.
19# version update. Add an activity.
20# - 25# version update.
26# version update. Add theme in eight activities.
27# - 28# version update.
29# version update. Add portrait orientation in two activities.
30# - 31# version update.
32# add an activity.
33# - 50# version update.
51# version update. Remove an activity.

52# - 58# version update.
59# version update. Add a use permission.
60# version update. Remove a use permission.
61# version update.
62# version update. Add a use permission.
63# - 65# version update.
66# version update. Add target sdk. Add supports-screens.
67# - 74# version update.
75# version update. Add a use permission.
76# - 85# version update.
86# version update. Add debuggable="true".
87# version update. Add an activity.
88# - 94# version update.
95# version update. Add an activity.
96# - 113# version update.
114# version update. Change debuggable to false.
115# version update.
116# version update. Add label and an intent filter in an activity.
117# version update. Use fully qualified name in activities names.
118# - 124# version update.
125# version update. Remove a receiver. add a receiver.
126# version update. Use fully qualified name in a receiver name.
127# - 133# version update.
134# version update. Use shorthand in component names.
135# - 136# version update.
137# version update. Add a new activity and move an intent filter to this activity.
138# - 149# version update.
150# version update. Add a provider.
151# version update.
152# version update. Add two intent filters in an activity.
153# version update.
154# version update. Revert 152#.
155# version update.
156# version update. Change package structure of a receiver and a provider name.
157# - 166# version update.
167# version update. Add an activity.
168# - 193# version update.
194# version update. Change debuggable to true.
195# - 202# version update.
203# add use permissions and an activity.
204# remove an activity.
205# version update.
206# version update. Add a use permission.
207# - 217# version update.

218# version update. Change debuggable to false.
219# - 235# version update.
236# add an activity.
237# version update.
238# version update. Add theme in an activity.
239# - 247# version update.
248# version update. Add an activity.
249# - 266# version update.
267# add an activity.
268# - 272# version update.
273# add an activity.
274# - 282# version update.
283# version update. Change debuggable to true.
284# - 294# version update.
295# version update. Add portrait orientation in an activity.
296# - 317# version update.
318# version update. Change debuggable to false.
319# - 325# version update.
326# version update. Add install location preferExternal. upgrade target sdk from 4 to 8.
327# add an activity.
328# - 330# version update.
331# version update. Add an activity.
332# version update.
333# version update. Upgrade target sdk from 8 to 9. Add xlarge screen.
334# version update.
335# version update. Change debuggable to true.
336# - 346# version update.
347# version update. Add an activity.
348# version update.
349# version update. Remove portrait orientation from an activity.
350# - 351# version update.
352# version update. Change install location auto. Add a use permission and a receiver.
353# - 358# version update.
359# add a use feature.
360# add an activity.
361# add a use feature.
362# version update.
363# upgrade target sdk from 9 to 10.
364# remove portrait orientation from seven activities.
365# version update.
366# formatting change.
367# upgrade min sdk from 3 to 4. Remove an activity. move two data elements to an intent filter of another activity. add a service.
368# upgrade min sdk from 4 to 5.

369# add app name.
370# version update.
371# version update. Downgrade min sdk from 5 to 3. Revert 367# and 369#.
372# upgrade min sdk from 3 to 4. Remove an activity. move two data elements to an intent filter of another activity. add a receiver.
373# downgrade min sdk from 4 to 3. Change package structure of a receiver name.
374# change resource value of a meta-data of a receiver.
375# - 386# version update.
387# version update. Remove debuggable="true".
388# upgrade target sdk from 10 to 14.
389# downgrade target sdk from 14 to 13.

1013. <https://github.com/tcoxon/XkcdViewer>

Project created date: 2010-01-11
Download in play store: 100,000 - 500,000
Commit period: Jan 22, 2017 – 1 day
Commit number: 2
No. of developers involved: 1
App components: activity – 3 service – receiver – provider –
Exclusive version and uses-sdk related commit: 1

1# add two data elements in an intent filter of an activity.
2# version update.

1014. https://github.com/daktak/xposed_downloader

Project created date: 2016-06-14
Download in play store:
Commit period: Jun 17, 2016 – 1 day
Commit number: 1
No. of developers involved: 1
App components: activity – 3 service – 1 receiver – 2 provider –

1# add an activity.

1015. <https://github.com/rnauber/xskat-android>

Project created date: 2016-10-01
Download in play store: 50 - 100
Commit period:
Commit number: 0

1016. <https://github.com/pocmo/Yaaic>

Project created date: 2009-05-28
Download in play store: 100,000 - 500,000
Commit period: Mar 14, 2015 to Apr 5, 2015 – 21 days
Commit number: 7
No. of developers involved: 1

App components: activity – 11 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 1

1# remove version and uses-sdk.

2# change theme of six activities.

3# change app icon. Remove an activity. add an activity.

4# add app name.

5# change app name.

6# remove two activities.

7# change theme of two activities.

1017. <https://github.com/yeriomin/YalpStore>

Project created date: 2016-12-11

Download in play store:

Commit period: Dec 14, 2016 to Nov 30, 2017 – 11 months

Commit number: 38

No. of developers involved: 2 (37, 1)

App components: activity – 14 service – 3 receiver – 2 provider – 2

1# remove label from an activity.

2# add a meta-data in an activity. add a provider.

3# add exported="false" in a provider.

4# remove portrait orientation from three activities. Add singleInstance launch mode in an activity.
add configChanges in three activities.

5# add an intent filter in an activity.

6# add an intent filter in an activity. add an activity.

7# add a receiver.

8# add a provider.

9# add an intent filter in an activity.

10# add an activity.

11# add an intent filter in an activity.

12# remove singleInstance launch mode from four activities. Add two activities.

13# add install location internalOnly. Add a use permission and two receivers.

14# add singleInstance launch mode in three activities.

15# add a meta-data in two activities. Add a new activity.

16# add a receiver.

17# remove configChanges from an activity.

18# add enabled="true" and exported="true" in a receiver.

19# add app name.

20# revert 19#.

21# add use features. Add app banner. Add a category in an intent filter of an activity.

22# add an activity.

23# add two activities.

24# add an activity.

25# add xmlns:tools and a use permission.

26# add an activity.

27# add app name. remove exported="false" from a receiver. remove two receivers.
28# add a use permission.
29# remove singleTask launch mode from an activity.
30# add an activity. remove two activities.
31# change name of an activity. change value of a meta-data in seven activities.
32#, 33# add a service.
34# change exported to true in a provider. Remove an activity. add an activity. add a service.
35# add a use permission.
36# add an activity.
37# add label in three activities. Add a new activity and make it main activity.
38# change exported to false in an activity.

1018. <https://github.com/geOrg/yaxim>

Project created date: 2009-12-10

Download in play store: 100,000 - 500,000

Commit period: Dec 11, 2009 to Mar 28, 2017 – 7 yrs. 3 months

Commit number: 66

No. of developers involved: 6 (52, 6, 5, 1, 1, 1)

App components: activity – 6 service – 1 receiver – 1 provider – 2

Exclusive version and uses-sdk related commit: 25

1# remove a use permission.
2# add a use permission and a receiver.
3# change package name.
4# add a provider.
5# revert 4#.
6# add a provider.
7#, 8#, 9#, 10# version update.
11# add a provider.
12# add uses-sdk.
13# add a use permission.
14# add an activity.
15# add configChanges in an activity.
16#, 17# version update.
18# version update. Add target sdk.
19# add a receiver.
20# version update.
21# add app theme.
22# version update.
23# add a use permission. Add a receiver. remove two receivers.
24# syntax change.
25#, 26# version update.
27# remove singleTask launch mode from an activity.
28# version update.
29# change authorities of a provider.

30# revert 29#.
 31# add app name.
 32# version update.
 33# upgrade min sdk from 3 to 5 and target sdk from 8 to 14. Remove app theme.
 34#, 35# add an intent filter in an activity.
 36# upgrade min sdk from 5 to 7.
 37# remove a use permission and an action from an intent filter of a receiver.
 38# add app theme.
 39#, 40#, 41# version update.
 42# replace number in versionName with string resource.
 43# upgrade target sdk from 14 to 17. Add supportsRtl="true".
 44# add singleTask launch mode in an activity.
 45# version update. Remove debuggable="true".
 46# change label of two activities.
 47# version update.
 48# add windowSoftInputMode="stateHidden" in an activity.
 49# add exported="false" in two providers.
 50# version update.
 51# add two activities.
 52# add configChanges in two activities. Add screenSize in configChanges of an activity.
 53# add an intent filter in an activity.
 54# remove an activity.
 55# remove alwaysRetainTaskState="true" from two activities. Add clearTaskOnLaunch="true" in an activity.
 56# add a category in two intent filters and add an intent filter in an activity.
 57# add a use permission.
 58# add an intent filter in an activity.
 59# add two data in an intent filter of an activity.
 60# version update. Add two actions in an intent filter of a receiver. add a meta-data in app.
 61# add parent activity name and its meta-data in two activities.
 62# change label of three intent filters. Add icon and label in an intent filter. add exported="false" in a receiver.
 63#, 64#, 65#, 66# version update.

1019. <https://github.com/Yubico/yubiclip-android>

Project created date: 2013-11-05

Download in play store: 10,000 - 50,000

Commit period: Nov 6, 2013 to Nov 17, 2015 – 2 yrs.

Commit number: 8

No. of developers involved: 2 (7, 1)

App components: activity – 2 service – 1 receiver – provider –

Exclusive version and uses-sdk related commit: 3

1# version update. Add target sdk.

2# version update. Upgrade min sdk from 10 to 11 and target sdk from 18 to 19. Add allowBackup="true". add a service and an activity.
3# change label of an activity.
4# version update. Upgrade target sdk from 19 to 21. Change theme of an activity.
5# add install location auto.
6# version update.
7# upgrade target sdk from 21 to 23. Add an intent filter in an activity.
8# version update.

1020. <https://github.com/Yubico/yubioath-android>

Project created date: 2013-09-03

Download in play store: 10,000 - 50,000

Commit period: Aug 29, 2016 to Sep 26, 2017 – 1 yr. 1 month

Commit number: 10

No. of developers involved: 1

App components: activity – 5 service – receiver – provider –

1# no changes.

2# add xmlns:tools. Add a use feature. Change allowBackup to false. Add configChanges in an activity. add an action in an intent filter of an activity and add a meta-data in the activity. add an activity.

3# change allowBackup to true.

4# add required="false" in a use feature and change required to false in a use feature.

5# formatting change.

6# change package structure of an activity name. add an activity.

7# add singleTask launch mode in two activities. Add label in an activity and add parent activity meta-data in the activity. add an activity.

8# add an activity.

9# change label of an activity.

10# change app icon. Add round icon.

1021. <https://github.com/ka-ba/yucata.envoy>

Project created date: 2017-08-24

Download in play store:

Commit period: Aug 31, 2017 to Nov 5, 2017 – 2 months

Commit number: 6

No. of developers involved: 1

App components: activity – 5 service – 1 receiver – provider –

1# add a use permission.

2# remove a service. Add a service.

3# add an activity.

4# add about activity.

5# add label in an activity. add parent activity name and its meta-data in two activities.

6# change label of an activity. add an activity.

1022. <https://github.com/cemrich/zapp>

Project created date: 2016-09-15

Download in play store:

Commit period: Sep 13, 2016 to Sep 3, 2017 – 11 months

Commit number: 24

No. of developers involved: 1

App components: activity – 9 service – receiver – 1 provider –

1# add parent activity name in an activity. add a new activity and make it main activity.

2# change name of two activities. Change name of a parent activity in an activity.

3# add xmlns:tools. Change allowBackup to false. Change supportsRtl to false. Add tools:ignore="GoogleAppIndexingWarning" in application.

4#, 5# add an activity.

6# remove sensorLandscape orientation from an activity.

7# change parent activity name and add an intent filter in an activity. add setting activity.

8# change parent activity name of an activity. add two activities.

9# add use permissions. add an activity and a service.

10# remove a service. Add a service.

11# change name of a service.

12# remove an activity.

13# remove a service.

14# change name of an activity. change name of parent activity in two activities.

15#, 16# add an activity.

17# change package structure of 9 activities and parent activities names.

18# remove use permissions.

19# remove parent activity name from four activities.

20# add use features. Add app banner. Add UnusedAttribute in value of tools:ignore in application. Add an intent filter in an activity. add configChanges in an activity.

21# change value of configChanges and add singleTask launch mode, resizableActivity="true", and supportsPictureInPicture="true" in two activities.

22# add app name.

23# add a use permission.

24# add a receiver.

1023. <https://github.com/ngbvol/Zensuren>

Project created date: 2016-10-29

Download in play store: 100 - 500

Commit period:

Commit number: 0

No. of developers involved: 1

App components: activity – 19 service – receiver – provider –

1024. <https://github.com/ianmcxa/ZephyrLogger>

Project created date: 2017-02-14

Download in play store:

Commit period: Feb 16, 2017 to Feb 19, 2017 – 4 days

Commit number: 2

No. of developers involved: 1

App components: activity – 2 service – receiver – provider –

1# remove a use permission.

2# use shorthand in an activity name. add about activity.

1025. <https://github.com/ligi/etheremote>

Project created date: 2015-05-20

Download in play store: 1,000 - 5,000

Commit period: May 21, 2015 to Jun 1, 2015 – 10 days

Commit number: 5

No. of developers involved: 1

App components: activity – 4 service – receiver – provider –

1# add an activity.

2# add app name.

3# add an activity.

4# change name of an activity.

5# add an activity.

1026. <https://github.com/bfabiszewski/ulogger-android>

Project created date: 2017-03-16

Download in play store:

Commit period: Apr 2, 2017 to May 4, 2017 – 1 month

Commit number: 2

No. of developers involved: 1

App components: activity – 2 service – 3 receiver – 1 provider –

1# add a use permission. use shorthand in component names. Add a service.

2# add xmlns:tools. Add android:networkSecurityConfig and tools:ignore="UnusedAttribute" in application.

1027. <https://github.com/bronydell/Android-MGKEapp>

Project created date: 2016-06-13

Download in play store: 1,000 - 5,000

Commit period: Aug 24, 2016 – 1 day

Commit number: 1

No. of developers involved: 1

App components: activity – 2 service – 2 receiver – 2 provider –

1# add resizableActivity="true" and supportsPictureInPicture="false" in application.

1028. <https://github.com/adavari/ToDoer>

Project created date: 2016-12-19

Download in play store:

Commit period:
Commit number: 0

1029. <https://github.com/richardchien/clear-weather-android>

Project created date: 2016-05-04

Download in play store: XXXXXXXX

Commit period: Apr 29, 2016 to May 5, 2016 – 6 days

Commit number: 3

No. of developers involved: 1

App components: activity – 2 service – 2 receiver – 1 provider –

1# add portrait orientation in an activity.

2# add a use permission, an activity, and a service. Change app name.

3# add a service and a receiver.