**EventBus Analysis Report**

<https://github.com/greenrobot/EventBus>

Total commits: 57

Analysed commits: 27

Ignored commits: 30

**What is the median size of the changes (lines of code)?**

Addition: 4 (From 71 numbers)

Deletion: 3 (From 71 numbers)

Addition + Deletion: 0 (From 142 numbers)

**What is their granularity-level: file, method, expression-specific?**

**Commits:**

**Analysed commits:**

1. 34a1537af7364cec9444a24431c566d434d4d0b8

* Use EventBusException instead of LinkageError and removed unused code
* **1 change file 7 additions** and **16 deletions** lines of code
* +7 −16 [EventBus/src/org/greenrobot/eventbus/SubscriberMethodFinder.java](https://github.com/greenrobot/EventBus/commit/34a1537af7364cec9444a24431c566d434d4d0b8?branch=34a1537af7364cec9444a24431c566d434d4d0b8&diff=split#diff-2b647c335e0a83bb5376e7c67d3eeda5db6058be3151314862510acb80fd30f5)

1. bb5b149b556a6f295c3bad597a66edf83c2e73eb

* Use LinkageError if Class.getMethods() fails
* **1 change file with 20 additions** and **1 deletion** lines of code
* +20 −1 [EventBus/src/org/greenrobot/eventbus/SubscriberMethodFinder.java](https://github.com/greenrobot/EventBus/commit/bb5b149b556a6f295c3bad597a66edf83c2e73eb#diff-2b647c335e0a83bb5376e7c67d3eeda5db6058be3151314862510acb80fd30f5)

1. 62abc54dec3bf3e1f8d2badc4752f61ff05e8eb3

* Skip class android to avoid some ClassNotFoundException
* **1 changed file with 4 additions** and **2 deletions** lines of code
* +4 −2 [EventBus/src/org/greenrobot/eventbus/SubscriberMethodFinder.java](https://github.com/greenrobot/EventBus/commit/62abc54dec3bf3e1f8d2badc4752f61ff05e8eb3#diff-2b647c335e0a83bb5376e7c67d3eeda5db6058be3151314862510acb80fd30f5)

1. 0d551f1a493710b92791b82bd915238310c6ed4e

* Refactor scattered code and create a new class called Default
* Make ExceptionToResourceMapping independent from Android
* 4 changed files with 32 additions and 13 deletions lines of code
* +1 −1 [EventBus/build.gradle](https://github.com/greenrobot/EventBus/commit/0d551f1a493710b92791b82bd915238310c6ed4e#diff-fca905e7a15d988561f14d66603f8a01f4a154880be43460c4f295cd6304903f)
* +2 −6 [EventBus/src/org/greenrobot/eventbus/EventBusBuilder.java](https://github.com/greenrobot/EventBus/commit/0d551f1a493710b92791b82bd915238310c6ed4e#diff-0304abf2e95fc5a2b4af9c0f9d9716e6e049021c65258e168271704e26b3c55a)
* +24 −3 [EventBus/src/org/greenrobot/eventbus/Logger.java](https://github.com/greenrobot/EventBus/commit/0d551f1a493710b92791b82bd915238310c6ed4e#diff-52e76b85000cc654b55e16862c5d02b3dc76ebb9bba9ddbe4cc554e03e424ff8)
* +5 −3 [EventBus/src/org/greenrobot/eventbus/util/ExceptionToResourceMapping.java](https://github.com/greenrobot/EventBus/commit/0d551f1a493710b92791b82bd915238310c6ed4e#diff-05d295e8ee81100916f8f323dfd238753a3f542d46ef124b1373d3dfd199ddc0)

1. cd8090d77a98925549463727c0d0da1ce1385096

* Add code to do processor incremental (IncrementalAnnotationProcessor)
* **2 changed files with 15 additions** and **0 deletions** lines of code
* +5 −0 [EventBusAnnotationProcessor/build.gradle](https://github.com/greenrobot/EventBus/commit/cd8090d77a98925549463727c0d0da1ce1385096#diff-1d4df3b4c701f437afedd8edef365c0cbba83c00b121c387899f55129b56c93a)
* +10−0 [...otationProcessor/src/org/greenrobot/eventbus/annotationprocessor/EventBusAnnotationProcessor.java](https://github.com/greenrobot/EventBus/commit/cd8090d77a98925549463727c0d0da1ce1385096#diff-6ef19f8267a14c3a372ef49b3a7036af0d7045ae07d968595a63d92b6528cb39)

1. 313316b5609ea222b5dbbc91d5098e01d7db3200

* Migrate some code from build.gradle to publish.gradle and apply all the extra plugins through publish.gradle
* **3 changed files with 108 additions** and **174 deletions** lines of code
* +8 −92 [EventBus/build.gradle](https://github.com/greenrobot/EventBus/commit/313316b5609ea222b5dbbc91d5098e01d7db3200#diff-fca905e7a15d988561f14d66603f8a01f4a154880be43460c4f295cd6304903f)
* +5 −82 [EventBusAnnotationProcessor/build.gradle](https://github.com/greenrobot/EventBus/commit/313316b5609ea222b5dbbc91d5098e01d7db3200#diff-1d4df3b4c701f437afedd8edef365c0cbba83c00b121c387899f55129b56c93a)
* +95 −0 [gradle/publish.gradle](https://github.com/greenrobot/EventBus/commit/313316b5609ea222b5dbbc91d5098e01d7db3200#diff-f84b31486d438ea87b55ce5d9a4e3b36fc72c39183bdcecd15a144b9e00a4d45)

1. 6c95dbcd4304218a6ff3eb4bcb4e7e27f32ab492

* Change provided to compileOnly and compile to implementation in
* **2 changed files with 6 additions** and **29 deletions** lines of code
* +4 −19 [EventBus/build.gradle](https://github.com/greenrobot/EventBus/commit/6c95dbcd4304218a6ff3eb4bcb4e7e27f32ab492#diff-fca905e7a15d988561f14d66603f8a01f4a154880be43460c4f295cd6304903f)
* +2 −10 [EventBusAnnotationProcessor/build.gradle](https://github.com/greenrobot/EventBus/commit/6c95dbcd4304218a6ff3eb4bcb4e7e27f32ab492#diff-1d4df3b4c701f437afedd8edef365c0cbba83c00b121c387899f55129b56c93a)

1. 626277bac31308ea1b371e57dd4d3fe05079d418

* Add licenses
* Remove defaultConfig code from AndroidManifest.xml and put it in build.gradle
* Change dependencies in build.gradle from androidTestCompile to androidTestImplementation
* **10 changed files with 68 additions** and **44 deletions** lines of code
* +12 −4 [.travis.yml](https://github.com/greenrobot/EventBus/commit/626277bac31308ea1b371e57dd4d3fe05079d418#diff-6ac3f79fc25d95cd1e3d51da53a4b21b939437392578a35ae8cd6d5366ca5485)
* +1 −7 [EventBusPerformance/AndroidManifest.xml](https://github.com/greenrobot/EventBus/commit/626277bac31308ea1b371e57dd4d3fe05079d418#diff-596af1a0a52d3052410cc18ea9a557deae39917892799b813b460b378fb8cc71)
* +8 −4 [EventBusPerformance/build.gradle](https://github.com/greenrobot/EventBus/commit/626277bac31308ea1b371e57dd4d3fe05079d418#diff-7c684deb06b58d4baee98773162a8b0dc3214d36e76a82eb587a5d62c245b811)
* +7 −7 [EventBusTest/build.gradle](https://github.com/greenrobot/EventBus/commit/626277bac31308ea1b371e57dd4d3fe05079d418#diff-7b93731537ed15b9d602ef3a8c759ab1a1127c629f97a08cdbcd6dad47c6c15c)
* +1 −13 [EventBusTestJava/build.gradle](https://github.com/greenrobot/EventBus/commit/626277bac31308ea1b371e57dd4d3fe05079d418#diff-e6b6a86852e109867c3c94c18a394c87ce67a6dd4526e771fe4ee46defe1e0c7)
* +2 −4 [build.gradle](https://github.com/greenrobot/EventBus/commit/626277bac31308ea1b371e57dd4d3fe05079d418#diff-49a96e7eea8a94af862798a45174e6ac43eb4f8b4bd40759b5da63ba31ec3ef7)
* BIN [gradle/wrapper/gradle-wrapper.jar](https://github.com/greenrobot/EventBus/commit/626277bac31308ea1b371e57dd4d3fe05079d418#diff-12277790711b9f7dc1eb1b40d025e36afe07269ea7fa5a5745dff1079facbc61)
* +1 −1 [gradle/wrapper/gradle-wrapper.properties](https://github.com/greenrobot/EventBus/commit/626277bac31308ea1b371e57dd4d3fe05079d418#diff-40640fe1078ece83d7ea8fb67daacd77923a86d13447baf9769660b3b46f2ece)
* +19 −3 [gradlew](https://github.com/greenrobot/EventBus/commit/626277bac31308ea1b371e57dd4d3fe05079d418#diff-e9721dc750619a21053ddea8a5d04929a608877d8c5daec1b57d243d3424e745)
* +17 −1 [gradlew.bat](https://github.com/greenrobot/EventBus/commit/626277bac31308ea1b371e57dd4d3fe05079d418#diff-33fbd7a182c496726227993443a3cfea58670618db831c51c273dcd8962c861a)

1. 7e363a6bc9ff7a9d242cec24da13db4932ff9042

* Update targetSdkVersion from 17 to 26
* **1 changed file with 1 addition** and **1 deletion** lines of code
* +1 −1 [EventBusPerformance/build.gradle](https://github.com/greenrobot/EventBus/commit/7e363a6bc9ff7a9d242cec24da13db4932ff9042#diff-7c684deb06b58d4baee98773162a8b0dc3214d36e76a82eb587a5d62c245b811)

1. 7a993aed191d24aac84077f04f9ba2783ca77996

* Remove unused code in build.gradle
* Change dependencies from apt to annotationProcessor
* 1 changed file with **1 addition** and **13 deletions** lines of code
* +1 −13 [EventBusTestJava/build.gradle](https://github.com/greenrobot/EventBus/commit/7a993aed191d24aac84077f04f9ba2783ca77996#diff-e6b6a86852e109867c3c94c18a394c87ce67a6dd4526e771fe4ee46defe1e0c7)

1. be4462eab6b29a25b8bc8f3ccbdcb7e0e4b5ee5f

* Specify DEFAULT\_JVM\_OPTS='"-Xmx64m" "-Xms64m"'
* Update Apache License Document
* **5 changed files with 38 additions** and **7 deletions** lines of code
* +1 −2 [build.gradle](https://github.com/greenrobot/EventBus/commit/be4462eab6b29a25b8bc8f3ccbdcb7e0e4b5ee5f#diff-49a96e7eea8a94af862798a45174e6ac43eb4f8b4bd40759b5da63ba31ec3ef7)
* BIN [gradle/wrapper/gradle-wrapper.jar](https://github.com/greenrobot/EventBus/commit/be4462eab6b29a25b8bc8f3ccbdcb7e0e4b5ee5f#diff-12277790711b9f7dc1eb1b40d025e36afe07269ea7fa5a5745dff1079facbc61)
* +1 −1 [gradle/wrapper/gradle-wrapper.properties](https://github.com/greenrobot/EventBus/commit/be4462eab6b29a25b8bc8f3ccbdcb7e0e4b5ee5f#diff-40640fe1078ece83d7ea8fb67daacd77923a86d13447baf9769660b3b46f2ece)
* +19 −3 [gradlew](https://github.com/greenrobot/EventBus/commit/be4462eab6b29a25b8bc8f3ccbdcb7e0e4b5ee5f#diff-e9721dc750619a21053ddea8a5d04929a608877d8c5daec1b57d243d3424e745)
* +17 −1 [gradlew.bat](https://github.com/greenrobot/EventBus/commit/be4462eab6b29a25b8bc8f3ccbdcb7e0e4b5ee5f#diff-33fbd7a182c496726227993443a3cfea58670618db831c51c273dcd8962c861a)

1. 3670d97835f15d0966e29fb8f52785ca3e87c2af

* Initiate a local variable instead of using global variable
* 1 change file with **6 additions** and **4 deletions** lines of code
* +6 −4 [EventBus/src/org/greenrobot/eventbus/EventBus.java](https://github.com/greenrobot/EventBus/commit/3670d97835f15d0966e29fb8f52785ca3e87c2af#diff-c3cf10a131d053a5ad3c67862c62bb4e4d288aa26ea7941472bc7f9568e1a9c7)

1. b98135699ab8bcd9622f74172df22e586850feed

* Change repositories in build.gradle from google() to jcenter()
* Change implementation dependencies to compile
* Change androidTestImplementation dependencies to androidTestCompile
* 2 changed files with 13 additions and 11 deletions lines of code
* +4 −4 [EventBusPerformance/build.gradle](https://github.com/greenrobot/EventBus/commit/b98135699ab8bcd9622f74172df22e586850feed#diff-7c684deb06b58d4baee98773162a8b0dc3214d36e76a82eb587a5d62c245b811)
* +9 −7 [EventBusTest/build.gradle](https://github.com/greenrobot/EventBus/commit/b98135699ab8bcd9622f74172df22e586850feed#diff-7b93731537ed15b9d602ef3a8c759ab1a1127c629f97a08cdbcd6dad47c6c15c)

1. 0e32fcea992a0a1159033d0c3bbaf160707756c3

* Remove variable initialised command, e.g. textViewResult = (TextView) findViewById(R.id.textViewResult); changed to textViewResult = findViewById(R.id.textViewResult);
* 4 changed files with 37 additions and 12 deletions lines of code
* +1 −0 [EventBusPerformance/res/values/strings.xml](https://github.com/greenrobot/EventBus/commit/0e32fcea992a0a1159033d0c3bbaf160707756c3#diff-aad0b070d3199a2d427c672afcdf6ded82ec7a1c39f80c490927b723e64ffcbd)
* +1 −1 [EventBusPerformance/src/org/greenrobot/eventbusperf/TestRunnerActivity.java](https://github.com/greenrobot/EventBus/commit/0e32fcea992a0a1159033d0c3bbaf160707756c3#diff-02b2fa7b75ee5d87ef7f74bd396d672d607e37fd85f43475b18039d268b010d4)
* +11 −11 [EventBusPerformance/src/org/greenrobot/eventbusperf/TestSetupActivity.java](https://github.com/greenrobot/EventBus/commit/0e32fcea992a0a1159033d0c3bbaf160707756c3#diff-057adb2c0b5d78d063ee41b9f06f872eee45d85b0eced91b31359fd2e1d98fe0)
* +24 −0 [EventBusPerformance/src/org/greenrobot/eventbusperf/testsubject/PerfTestEventBus.java](https://github.com/greenrobot/EventBus/commit/0e32fcea992a0a1159033d0c3bbaf160707756c3#diff-6e89047f424be7d66bc6b93de4d6ba275088dd59308d91dae26415f7f4966657)

1. b035bf56be70ec039a493abb8e5c0235881250e6

* Change repositories in build.gradle from google() to jcenter()
* Change compile dependencies to implementation
* Change androidTestCompile dependencies to androidTestImplementation
* 2 changed files with **11 additions** and **13 deletions** lines of code
* +4 −4 [EventBusPerformance/build.gradle](https://github.com/greenrobot/EventBus/commit/b035bf56be70ec039a493abb8e5c0235881250e6#diff-7c684deb06b58d4baee98773162a8b0dc3214d36e76a82eb587a5d62c245b811)
* +7 −9 [EventBusTest/build.gradle](https://github.com/greenrobot/EventBus/commit/b035bf56be70ec039a493abb8e5c0235881250e6#diff-7b93731537ed15b9d602ef3a8c759ab1a1127c629f97a08cdbcd6dad47c6c15c)

1. 66fed14fbe3b77330567981657f95cf5b38673dc

* Remove scattered define repository code in build.gredle in sub-folders and define repositories only once in root build.gradle using allProjects{ repositories { … }}
* **7 changed files with 8 additions** and **25 deletions** lines of code
* +0 −4 [EventBus/build.gradle](https://github.com/greenrobot/EventBus/commit/66fed14fbe3b77330567981657f95cf5b38673dc#diff-fca905e7a15d988561f14d66603f8a01f4a154880be43460c4f295cd6304903f)
* +0 −4 [EventBusAnnotationProcessor/build.gradle](https://github.com/greenrobot/EventBus/commit/66fed14fbe3b77330567981657f95cf5b38673dc#diff-1d4df3b4c701f437afedd8edef365c0cbba83c00b121c387899f55129b56c93a)
* +0 −4 [EventBusPerformance/build.gradle](https://github.com/greenrobot/EventBus/commit/66fed14fbe3b77330567981657f95cf5b38673dc#diff-7c684deb06b58d4baee98773162a8b0dc3214d36e76a82eb587a5d62c245b811)
* +0 −5 [EventBusTest/build.gradle](https://github.com/greenrobot/EventBus/commit/66fed14fbe3b77330567981657f95cf5b38673dc#diff-7b93731537ed15b9d602ef3a8c759ab1a1127c629f97a08cdbcd6dad47c6c15c)
* +0 −4 [EventBusTestJava/build.gradle](https://github.com/greenrobot/EventBus/commit/66fed14fbe3b77330567981657f95cf5b38673dc#diff-e6b6a86852e109867c3c94c18a394c87ce67a6dd4526e771fe4ee46defe1e0c7)
* +0 −4 [EventBusTestSubscriberInJar/build.gradle](https://github.com/greenrobot/EventBus/commit/66fed14fbe3b77330567981657f95cf5b38673dc#diff-a1be8d94489d2fb07c2c7dc1fed947d03f8fd1c1343c81d71b3f96a6689c8659)
* +8 −0 [build.gradle](https://github.com/greenrobot/EventBus/commit/66fed14fbe3b77330567981657f95cf5b38673dc#diff-49a96e7eea8a94af862798a45174e6ac43eb4f8b4bd40759b5da63ba31ec3ef7)

1. 1ba2f43a298d16b140f0629df35a8f8be3bc69e6

* Define \_buildToolsVersion and \_compileSdkVersion in root build.gradle using ext {…}
* Remove specified versions of \_buildToolsVersion and \_compileSdkVersion build.gradle in sub-folders and use \_buildToolsVersion and \_compileSdkVersion specified in root build.gradle instead
* 3 changed files with **11 additions** and **4 deletions** lines of code
* +2 −2 [EventBusPerformance/build.gradle](https://github.com/greenrobot/EventBus/commit/1ba2f43a298d16b140f0629df35a8f8be3bc69e6#diff-7c684deb06b58d4baee98773162a8b0dc3214d36e76a82eb587a5d62c245b811)
* +2 −2 [EventBusTest/build.gradle](https://github.com/greenrobot/EventBus/commit/1ba2f43a298d16b140f0629df35a8f8be3bc69e6#diff-7b93731537ed15b9d602ef3a8c759ab1a1127c629f97a08cdbcd6dad47c6c15c)
* +7 −0 [build.gradle](https://github.com/greenrobot/EventBus/commit/1ba2f43a298d16b140f0629df35a8f8be3bc69e6#diff-49a96e7eea8a94af862798a45174e6ac43eb4f8b4bd40759b5da63ba31ec3ef7)

1. bbe35ff77d736e4a38072ddc3659b122c46367c1

* Refactor Logger code to Android Logger from eventbus to eventbus/android by creating a new class called AndroidLogger
* 3 changed files with **82 additions** and **60 deletions** lines of code
* +4 −3 [EventBus/src/org/greenrobot/eventbus/EventBusBuilder.java](https://github.com/greenrobot/EventBus/commit/bbe35ff77d736e4a38072ddc3659b122c46367c1#diff-0304abf2e95fc5a2b4af9c0f9d9716e6e049021c65258e168271704e26b3c55a)
* +0 −57 [EventBus/src/org/greenrobot/eventbus/Logger.java](https://github.com/greenrobot/EventBus/commit/bbe35ff77d736e4a38072ddc3659b122c46367c1#diff-52e76b85000cc654b55e16862c5d02b3dc76ebb9bba9ddbe4cc554e03e424ff8)
* +78 −0 [EventBus/src/org/greenrobot/eventbus/android/AndroidLogger.java](https://github.com/greenrobot/EventBus/commit/bbe35ff77d736e4a38072ddc3659b122c46367c1#diff-a6494e83442f4058b1f33ebba411c3973942390f8885608a10f2eb3c10131c05)

1. 66fbde49d58670f7b46ff010da22d01e3c4d5b72

* Add index tests for MAIN and MAIN\_ORDERED behaviour
* 1 changed file with **13 additions** and **0 deletions** lines of code
* +13 −0 [EventBusTest/src/org/greenrobot/eventbus/indexed/EventBusAndroidOrderTestWithIndex.java](https://github.com/greenrobot/EventBus/commit/66fbde49d58670f7b46ff010da22d01e3c4d5b72#diff-45f27913bf563429e417d7ee765611a7fffc87c1d1d919dad1e30210cd955990)

1. 947f94b23bf1d3be225b44299bf0403406e5ac85

* Update testing support library version
* 1 changed file with **4 additions** and **3 deletions** lines of code
* +4 −3 [EventBusTest/build.gradle](https://github.com/greenrobot/EventBus/commit/947f94b23bf1d3be225b44299bf0403406e5ac85#diff-7b93731537ed15b9d602ef3a8c759ab1a1127c629f97a08cdbcd6dad47c6c15c)

1. e6d912b0614b453e8cb4474e4498b1ddc25746be

* Update gradle version to 4.1 from 3.5
* 4 changed files with 6 additions and 6 deletions lines of code
* +2 −1 [build.gradle](https://github.com/greenrobot/EventBus/commit/e6d912b0614b453e8cb4474e4498b1ddc25746be#diff-49a96e7eea8a94af862798a45174e6ac43eb4f8b4bd40759b5da63ba31ec3ef7)
* BIN [gradle/wrapper/gradle-wrapper.jar](https://github.com/greenrobot/EventBus/commit/e6d912b0614b453e8cb4474e4498b1ddc25746be#diff-12277790711b9f7dc1eb1b40d025e36afe07269ea7fa5a5745dff1079facbc61)
* +1 −2 [gradle/wrapper/gradle-wrapper.properties](https://github.com/greenrobot/EventBus/commit/e6d912b0614b453e8cb4474e4498b1ddc25746be#diff-40640fe1078ece83d7ea8fb67daacd77923a86d13447baf9769660b3b46f2ece)
* +3 −3 [gradlew](https://github.com/greenrobot/EventBus/commit/e6d912b0614b453e8cb4474e4498b1ddc25746be#diff-e9721dc750619a21053ddea8a5d04929a608877d8c5daec1b57d243d3424e745)

1. 19c6edb2ce5c1e8ed995423ad8ab34af37e1f057

* Define targetSdkVersion in defaultConfig {} in build.gradle
* 2 changed files with **9 additions** and **6 deletions lines of code**
* +4 −6 [EventBusTest/AndroidManifest.xml](https://github.com/greenrobot/EventBus/commit/19c6edb2ce5c1e8ed995423ad8ab34af37e1f057#diff-cee1925ef7e279c9462c5aeb39727af7eba982b5cfd34ddf3b6d1c0208969f67)
* +5 −0 [EventBusTest/build.gradle](https://github.com/greenrobot/EventBus/commit/19c6edb2ce5c1e8ed995423ad8ab34af37e1f057#diff-7b93731537ed15b9d602ef3a8c759ab1a1127c629f97a08cdbcd6dad47c6c15c)

1. 618a4f17f13751539c0879ca79d7f534631fdd99

* Refactor the code to setup background poster inside testPostInBackgroundThread
* 1 changed file with **6 additions** and **16 deletions** lines of code
* +6 −16 [EventBusTest/src/org/greenrobot/eventbus/EventBusMainThreadTest.java](https://github.com/greenrobot/EventBus/commit/618a4f17f13751539c0879ca79d7f534631fdd99#diff-03ac4dca07e6098d65fdc361ad0ae8d94f8fff2b54a7f4804f2b666c383ce333)

1. dfc6198136a5de39e8f59744a45e8353812ef13c

* Add test classes for MAIN and MAIN\_ORDERED
* 3 changed files with 163 additions and 68 deletions lines of code
* +91 −0 [EventBusTest/src/org/greenrobot/eventbus/EventBusAndroidOrderTest.java](https://github.com/greenrobot/EventBus/commit/dfc6198136a5de39e8f59744a45e8353812ef13c#diff-362b0c0581fabcc7d260f492acc8462a0f2f7fc93fa57404fc1aa6ec98e93f99)
* +2 −68 [EventBusTest/src/org/greenrobot/eventbus/EventBusMainThreadTest.java](https://github.com/greenrobot/EventBus/commit/dfc6198136a5de39e8f59744a45e8353812ef13c#diff-03ac4dca07e6098d65fdc361ad0ae8d94f8fff2b54a7f4804f2b666c383ce333)
* +70 −0 [EventBusTest/src/org/greenrobot/eventbus/TestBackgroundPoster.java](https://github.com/greenrobot/EventBus/commit/dfc6198136a5de39e8f59744a45e8353812ef13c#diff-b285857b0ae913b90eb032cb454e1f17d9ba303e617ad37fd6a452178eff4834)

1. a10111767ebd9f6b268c54a8d11551bdeb3d5ef1

* Support logging expression
* 1 changed file with with **4 additions** and **0 deletions** lines of code
* +4 −0 [EventBusTestJava/src/main/java/org/greenrobot/eventbus/AbstractEventBusTest.java](https://github.com/greenrobot/EventBus/commit/a10111767ebd9f6b268c54a8d11551bdeb3d5ef1#diff-bc021282b40c9d68f4c7120026e3cb666ee5fe5d0319d7d1f7b4e144c1bd439f)

1. e9cad5b25083aa97d7951e35bbefb039afba8e6c

* Update compileSdkVersion from 19 to 25
* 1 changed file with 1 addition and 1 deletion lines of code
  + +6 −4 [README.md](https://github.com/greenrobot/EventBus/commit/38b127c8d060c9ff6d88af3c49e12287f7028e7e#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)
  + +1 −1 [EventBusPerformance/build.gradle](https://github.com/greenrobot/EventBus/commit/e9cad5b25083aa97d7951e35bbefb039afba8e6c#diff-7c684deb06b58d4baee98773162a8b0dc3214d36e76a82eb587a5d62c245b811)

**What are the types of changes? Such as improvement in non-functional property, e.g. runtime?**

**Ignored commits:**

1. 1d995077d0b620a6aae9c60a8b96443113752305 (ignored)

* Changed in README 3 lines of code changed
* 1 changed file with 3 additions and 1 deletion.
* +3 −1 [README.md](https://github.com/greenrobot/EventBus/commit/1d995077d0b620a6aae9c60a8b96443113752305#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)

1. 6f4b8c707b1b64eb029f72fe183a742c24b20ad8 (ignored)

* Changed documentation links from http to https to improve security.
* 5 changed files with 4 additions and 14 deletions lines of code
* +1 −1 [CONTRIBUTING.md](https://github.com/greenrobot/EventBus/commit/6f4b8c707b1b64eb029f72fe183a742c24b20ad8#diff-eca12c0a30e25b4b46522ebf89465a03ba72a03f540796c979137931d8f92055)
* +1 −1 [EventBus/build.gradle](https://github.com/greenrobot/EventBus/commit/6f4b8c707b1b64eb029f72fe183a742c24b20ad8#diff-fca905e7a15d988561f14d66603f8a01f4a154880be43460c4f295cd6304903f)
* +1 −1 [EventBusAnnotationProcessor/build.gradle](https://github.com/greenrobot/EventBus/commit/6f4b8c707b1b64eb029f72fe183a742c24b20ad8#diff-1d4df3b4c701f437afedd8edef365c0cbba83c00b121c387899f55129b56c93a)
* +9 −9 [README.md](https://github.com/greenrobot/EventBus/commit/6f4b8c707b1b64eb029f72fe183a742c24b20ad8#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)
* +2 −2 [gradle/publish.gradle](https://github.com/greenrobot/EventBus/commit/6f4b8c707b1b64eb029f72fe183a742c24b20ad8#diff-f84b31486d438ea87b55ce5d9a4e3b36fc72c39183bdcecd15a144b9e00a4d45)

1. ddaace5e2aa70fc2ea0128b2f46f81d8e70d5a56 (ignored)

* Updated version of the program from version 3.1.2 to 3.2.0
* **3 changed files with 13 additions** and **11 deletions** lines of code
* +1 −1 [EventBus/build.gradle](https://github.com/greenrobot/EventBus/commit/ddaace5e2aa70fc2ea0128b2f46f81d8e70d5a56#diff-fca905e7a15d988561f14d66603f8a01f4a154880be43460c4f295cd6304903f)
* +1 −1 [EventBusAnnotationProcessor/build.gradle](https://github.com/greenrobot/EventBus/commit/ddaace5e2aa70fc2ea0128b2f46f81d8e70d5a56#diff-1d4df3b4c701f437afedd8edef365c0cbba83c00b121c387899f55129b56c93a)
* +11 −9 [README.md](https://github.com/greenrobot/EventBus/commit/ddaace5e2aa70fc2ea0128b2f46f81d8e70d5a56#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)

1. 9b1aeddcd3bab713b094d00e8043a2399bb97000 (ignored)

* Update documentation comments
* Update programme version in build.gradle from 3.1.1 to 3.1.2-RC
* Update copyright dates
* **7 changed files with 22 additions** and **22 deletions** lines of code
* +2 −2 [EventBus/build.gradle](https://github.com/greenrobot/EventBus/commit/9b1aeddcd3bab713b094d00e8043a2399bb97000#diff-fca905e7a15d988561f14d66603f8a01f4a154880be43460c4f295cd6304903f)
* +10 −9 [EventBus/src/org/greenrobot/eventbus/EventBus.java](https://github.com/greenrobot/EventBus/commit/9b1aeddcd3bab713b094d00e8043a2399bb97000#diff-c3cf10a131d053a5ad3c67862c62bb4e4d288aa26ea7941472bc7f9568e1a9c7)
* +3 −2 [EventBus/src/org/greenrobot/eventbus/EventBusBuilder.java](https://github.com/greenrobot/EventBus/commit/9b1aeddcd3bab713b094d00e8043a2399bb97000#diff-0304abf2e95fc5a2b4af9c0f9d9716e6e049021c65258e168271704e26b3c55a)
* +2 −2 [EventBusAnnotationProcessor/build.gradle](https://github.com/greenrobot/EventBus/commit/9b1aeddcd3bab713b094d00e8043a2399bb97000#diff-1d4df3b4c701f437afedd8edef365c0cbba83c00b121c387899f55129b56c93a)
* +1 −1 [EventBusPerformance/build.gradle](https://github.com/greenrobot/EventBus/commit/9b1aeddcd3bab713b094d00e8043a2399bb97000#diff-7c684deb06b58d4baee98773162a8b0dc3214d36e76a82eb587a5d62c245b811)
* +3 −3 [EventBusTest/build.gradle](https://github.com/greenrobot/EventBus/commit/9b1aeddcd3bab713b094d00e8043a2399bb97000#diff-7b93731537ed15b9d602ef3a8c759ab1a1127c629f97a08cdbcd6dad47c6c15c)
* +1 −3 [README.md](https://github.com/greenrobot/EventBus/commit/9b1aeddcd3bab713b094d00e8043a2399bb97000#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)

1. f644d281233d57d4e83d9a57b5030f519027aeeb (ignored)

* duplicated changes of cd8090d77a98925549463727c0d0da1ce1385096

1. 9fed85f8243067dd66dda3f99038c0fcb82c52e0 (ignored)

* Update README
* **1 changed file with 2 additions** and **0 deletions** lines of code
* +2 −0 [README.md](https://github.com/greenrobot/EventBus/commit/9fed85f8243067dd66dda3f99038c0fcb82c52e0#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)

1. 2836c11108eb383a185167457a74e31a1f206eb5 (ignored)

* Update README
* **1 changed file with 22 additions** and **8 deletions** lines of code
* +22 −8 [README.md](https://github.com/greenrobot/EventBus/commit/2836c11108eb383a185167457a74e31a1f206eb5#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)

1. 0e0dc21bf3e6c8ba2d96b5cf2fb5c25406981c15 (ignored)

* Update README
* **1 changed file with 3 additions** and 5 **deletion lines of code**
* +3 −5 [README.md](https://github.com/greenrobot/EventBus/commit/0e0dc21bf3e6c8ba2d96b5cf2fb5c25406981c15#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)

1. 5778314e0168c6fb2983c03dceadf4064b94278e (ignored)

* Update README
* **1 changed file with 2 additions** and **2 deletions** lines of code
* +2 −2 [README.md](https://github.com/greenrobot/EventBus/commit/5778314e0168c6fb2983c03dceadf4064b94278e#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)

1. 2a9310ef7319238b106302ea70ccc2a208aff2c7 (ignored)

* Update README
* **1 changed file with 18 additions** and **2 deletions** lines of code
* +18 −2 [README.md](https://github.com/greenrobot/EventBus/commit/2a9310ef7319238b106302ea70ccc2a208aff2c7#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)

1. 32992a66059b5953eb6c2d45d788e36576f58d17 (ignored)

* Duplicated changes of 313316b5609ea222b5dbbc91d5098e01d7db3200

1. 9c5e2e5a60ecef3cc83e8f6934a187b1832698ee (ignored)

* Duplicated changes of 626277bac31308ea1b371e57dd4d3fe05079d418

1. 2e7c0461106a3c261859579ec6fdcb5353ed31a4 (ignored)

* Update README
* 1 changed file with 1 addition and 1 deletion lines of code
* +1 −1 [README.md](https://github.com/greenrobot/EventBus/commit/2e7c0461106a3c261859579ec6fdcb5353ed31a4#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)

1. d52a0de2acc545a1c6cf94c43fee70cb9b059378 (ignored)

* Update README
* 1 changed file with **2 additions** and **2 deletions** lines of code
* +2 −2 [README.md](https://github.com/greenrobot/EventBus/commit/d52a0de2acc545a1c6cf94c43fee70cb9b059378#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)

1. 5428a2b095d83012663dfa0629f81f925c156d6d (ignored)

* Update \_buildToolVersion to match with .travis.yml and make the programme compatible
* 1 changed files with 1 addition and 1 deletion lines of code
* +1 −1 [build.gradle](https://github.com/greenrobot/EventBus/commit/5428a2b095d83012663dfa0629f81f925c156d6d#diff-49a96e7eea8a94af862798a45174e6ac43eb4f8b4bd40759b5da63ba31ec3ef7)

1. 69417b5af70cd280b90462fe835d649f43bd9cf3 (ignored)

* Fix naming issues
* 8 changed files with **28 additions** and **18 deletions** lines of code
* +5 −1 [EventBus/build.gradle](https://github.com/greenrobot/EventBus/commit/69417b5af70cd280b90462fe835d649f43bd9cf3#diff-fca905e7a15d988561f14d66603f8a01f4a154880be43460c4f295cd6304903f)
* +6 −2 [EventBusAnnotationProcessor/build.gradle](https://github.com/greenrobot/EventBus/commit/69417b5af70cd280b90462fe835d649f43bd9cf3#diff-1d4df3b4c701f437afedd8edef365c0cbba83c00b121c387899f55129b56c93a)
* +0 −1 [EventBusAnnotationProcessor/settings.gradle](https://github.com/greenrobot/EventBus/commit/69417b5af70cd280b90462fe835d649f43bd9cf3#diff-ec5f6b29e97117983b34a539b26cf7a5f29bd445eb2ad593f3d206cc88e1b35c)
* +2 −2 [EventBusPerformance/build.gradle](https://github.com/greenrobot/EventBus/commit/69417b5af70cd280b90462fe835d649f43bd9cf3#diff-7c684deb06b58d4baee98773162a8b0dc3214d36e76a82eb587a5d62c245b811)
* +2 −2 [EventBusTest/build.gradle](https://github.com/greenrobot/EventBus/commit/69417b5af70cd280b90462fe835d649f43bd9cf3#diff-7b93731537ed15b9d602ef3a8c759ab1a1127c629f97a08cdbcd6dad47c6c15c)
* +2 −2 [EventBusTestJava/build.gradle](https://github.com/greenrobot/EventBus/commit/69417b5af70cd280b90462fe835d649f43bd9cf3#diff-e6b6a86852e109867c3c94c18a394c87ce67a6dd4526e771fe4ee46defe1e0c7)
* +2 −2 [EventBusTestSubscriberInJar/build.gradle](https://github.com/greenrobot/EventBus/commit/69417b5af70cd280b90462fe835d649f43bd9cf3#diff-a1be8d94489d2fb07c2c7dc1fed947d03f8fd1c1343c81d71b3f96a6689c8659)
* +9 −6 [settings.gradle](https://github.com/greenrobot/EventBus/commit/69417b5af70cd280b90462fe835d649f43bd9cf3#diff-7f825392aa37acd1cee0c2e7b9bb7366ad6eac64f3e6cdd816e156bcb69d30de)

1. 761731122af864fc4b925e926a6827510a7f07c0 (ignored)

* Update README
* 1 changed file with **2 additions** and **2 deletions** lines of code
* +2 −2 [README.md](https://github.com/greenrobot/EventBus/commit/761731122af864fc4b925e926a6827510a7f07c0#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)

1. 0be1c4d492576266e6586d6c18c0704f10c609a6 (ignored)

* Update EventBus version from 3.1.0-RC to 3.1.1
* 2 changed files with **3 additions** and **3 deletions** lines of code
* +2 −2 [EventBus/build.gradle](https://github.com/greenrobot/EventBus/commit/0be1c4d492576266e6586d6c18c0704f10c609a6#diff-fca905e7a15d988561f14d66603f8a01f4a154880be43460c4f295cd6304903f)
* +1 −1 [EventBusAnnotationProcessor/build.gradle](https://github.com/greenrobot/EventBus/commit/0be1c4d492576266e6586d6c18c0704f10c609a6#diff-1d4df3b4c701f437afedd8edef365c0cbba83c00b121c387899f55129b56c93a)

1. fb0e64c249dc97a3820daa894a44f84a7d4a8cd4 (ignored)

* Update README
* 1 changed file with 5 additions and 3 deletions lines of code
* +5 −3 [README.md](https://github.com/greenrobot/EventBus/commit/fb0e64c249dc97a3820daa894a44f84a7d4a8cd4#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)

1. 0be66fb1b12c480a3247992febe0a9ea52a193c8 (ignored)

* Temporary bug fix only to fix
* 1 changed file with **6 additions** and **1 deletion** lines of code
* +6 −1 [EventBus/src/org/greenrobot/eventbus/EventBus.java](https://github.com/greenrobot/EventBus/commit/0be66fb1b12c480a3247992febe0a9ea52a193c8#diff-c3cf10a131d053a5ad3c67862c62bb4e4d288aa26ea7941472bc7f9568e1a9c7)

1. b1a0581199238f3162bebeb4869a524c0397cc32 (ignored)

* Rename a function
* Edited comment within the class
* 2 changed files with **18 additions** and **17 deletions** lines of code
* +1 −1 [EventBus/src/org/greenrobot/eventbus/EventBus.java](https://github.com/greenrobot/EventBus/commit/b1a0581199238f3162bebeb4869a524c0397cc32#diff-c3cf10a131d053a5ad3c67862c62bb4e4d288aa26ea7941472bc7f9568e1a9c7)
* +17 −16 [EventBus/src/org/greenrobot/eventbus/ThreadMode.java](https://github.com/greenrobot/EventBus/commit/b1a0581199238f3162bebeb4869a524c0397cc32#diff-9d0485366c97ce75d459fd0bd7050238958a37fb4675f1e8de9ef8e16c487ea4)

1. 8a192b4c8d04b6c2d48bf2a03a5dfa81a36cbdc2 (ignored)

* Temporary bug fix
* 3 changed files with 2 additions and 3 deletions lines of code
* +1 −1 [EventBusTest/src/org/greenrobot/eventbus/indexed/EventBusBackgroundThreadTestWithIndex.java](https://github.com/greenrobot/EventBus/commit/8a192b4c8d04b6c2d48bf2a03a5dfa81a36cbdc2#diff-5fb40a7b987f90f78deeab8e217e5548b23e6f55c64594834cf16be6f64fcfd9)
* +1 −1 [EventBusTest/src/org/greenrobot/eventbus/indexed/EventBusBasicTestWithIndex.java](https://github.com/greenrobot/EventBus/commit/8a192b4c8d04b6c2d48bf2a03a5dfa81a36cbdc2#diff-599286f03c81340a363907dda7d45869623f1ec7342c70ca6feb1126401bc388)
* +0 −1 [EventBusTest/src/org/greenrobot/eventbus/indexed/Indexed.java](https://github.com/greenrobot/EventBus/commit/8a192b4c8d04b6c2d48bf2a03a5dfa81a36cbdc2#diff-b3b1b600f3294a0f6bc9facc7c5fd43e770d99e2e69e1df1a8b16236ccba97f1)

1. 88f2173a854c275d2b4fd14ed07f0626388a03b0 (ignored)

* Add comment in EventBusTestJava/build.gradle
* 1 changed file with **1 addition** and **0 deletions** lines of code
* +1 −0 [EventBusTestJava/build.gradle](https://github.com/greenrobot/EventBus/commit/88f2173a854c275d2b4fd14ed07f0626388a03b0#diff-e6b6a86852e109867c3c94c18a394c87ce67a6dd4526e771fe4ee46defe1e0c7)

1. 8ee4073c789ee58a3b4087ac91ac5ee6acdb678c (ignored)

* Temporaly bug fix for moving test cases
* **2 changed files 21 additions** and **1 deletion** lines of code
* +6 −1 [EventBusTest/src/org/greenrobot/eventbus/indexed/Indexed.java](https://github.com/greenrobot/EventBus/commit/8ee4073c789ee58a3b4087ac91ac5ee6acdb678c#diff-b3b1b600f3294a0f6bc9facc7c5fd43e770d99e2e69e1df1a8b16236ccba97f1)
* +15 −0 [EventBusTestJava/build.gradle](https://github.com/greenrobot/EventBus/commit/8ee4073c789ee58a3b4087ac91ac5ee6acdb678c#diff-e6b6a86852e109867c3c94c18a394c87ce67a6dd4526e771fe4ee46defe1e0c7)

1. 38b127c8d060c9ff6d88af3c49e12287f7028e7e (ignored)

* Update README
* 1 changed file with **6 additions** and **4 deletions** lines of code
  + +6 −4 [README.md](https://github.com/greenrobot/EventBus/commit/38b127c8d060c9ff6d88af3c49e12287f7028e7e#diff-b335630551682c19a781afebcf4d07bf978fb1f8ac04c6bf87428ed5106870f5)

1. a6ab96c329c770cc1f147ac49a6c15f086d74d46 (ignored)

* Update EventBus version in build.gradle from 3.1.0-SNAPSHOT to 3.1.0-RC
* 1 changed file with **1 addition** and **1 deletion** lines of code
  + +1 −1 [EventBus/build.gradle](https://github.com/greenrobot/EventBus/commit/a6ab96c329c770cc1f147ac49a6c15f086d74d46#diff-fca905e7a15d988561f14d66603f8a01f4a154880be43460c4f295cd6304903f)

1. d72244a73fa282fa9046d0003ac28e01799dd257 (ignored)

* Update EventBus version in build.gradle from 3.0.0 to 3.1.0-SNAPSHOT
* 1 changed file with **1 addition** and **1 deletion** lines of code
  + +1 −1 [EventBus/build.gradle](https://github.com/greenrobot/EventBus/commit/d72244a73fa282fa9046d0003ac28e01799dd257#diff-fca905e7a15d988561f14d66603f8a01f4a154880be43460c4f295cd6304903f)

1. ffeff4d6c92d9d19a13ff51c86ef4c4a42d7b043 (ignored)

* Duplicated changes of 626277bac31308ea1b371e57dd4d3fe05079d418

1. d459d1340d5621829b8821f751d1e00be125f5cf (ignored)

* Duplicated changes of 626277bac31308ea1b371e57dd4d3fe05079d418

1. 06be33d5915da55ac3f10da00efc151f15f04f2e (ignored)

* Duplicated changes of 626277bac31308ea1b371e57dd4d3fe05079d418

1. 7f5e0cec0a7c021af9a9feb513fba14b1e0855a4

* Duplicated changes of 7a993aed191d24aac84077f04f9ba2783ca77996

1d995077d0b620a6aae9c60a8b96443113752305 6f4b8c707b1b64eb029f72fe183a742c24b20ad8 ddaace5e2aa70fc2ea0128b2f46f81d8e70d5a56 34a1537af7364cec9444a24431c566d434d4d0b8 bb5b149b556a6f295c3bad597a66edf83c2e73eb 62abc54dec3bf3e1f8d2badc4752f61ff05e8eb3 0d551f1a493710b92791b82bd915238310c6ed4e 9b1aeddcd3bab713b094d00e8043a2399bb97000 cd8090d77a98925549463727c0d0da1ce1385096 f644d281233d57d4e83d9a57b5030f519027aeeb 313316b5609ea222b5dbbc91d5098e01d7db3200 9fed85f8243067dd66dda3f99038c0fcb82c52e0 2836c11108eb383a185167457a74e31a1f206eb5 0e0dc21bf3e6c8ba2d96b5cf2fb5c25406981c15 5778314e0168c6fb2983c03dceadf4064b94278e 2a9310ef7319238b106302ea70ccc2a208aff2c7 6c95dbcd4304218a6ff3eb4bcb4e7e27f32ab492 32992a66059b5953eb6c2d45d788e36576f58d17 626277bac31308ea1b371e57dd4d3fe05079d418 ffeff4d6c92d9d19a13ff51c86ef4c4a42d7b043 7e363a6bc9ff7a9d242cec24da13db4932ff9042 06be33d5915da55ac3f10da00efc151f15f04f2e 9c5e2e5a60ecef3cc83e8f6934a187b1832698ee 7a993aed191d24aac84077f04f9ba2783ca77996 be4462eab6b29a25b8bc8f3ccbdcb7e0e4b5ee5f 2e7c0461106a3c261859579ec6fdcb5353ed31a4 d52a0de2acc545a1c6cf94c43fee70cb9b059378 3670d97835f15d0966e29fb8f52785ca3e87c2af b98135699ab8bcd9622f74172df22e586850feed 0e32fcea992a0a1159033d0c3bbaf160707756c3 b035bf56be70ec039a493abb8e5c0235881250e6 66fed14fbe3b77330567981657f95cf5b38673dc 5428a2b095d83012663dfa0629f81f925c156d6d 1ba2f43a298d16b140f0629df35a8f8be3bc69e6 bbe35ff77d736e4a38072ddc3659b122c46367c1 d459d1340d5621829b8821f751d1e00be125f5cf 66fbde49d58670f7b46ff010da22d01e3c4d5b72 66fbde49d58670f7b46ff010da22d01e3c4d5b72 69417b5af70cd280b90462fe835d649f43bd9cf3 761731122af864fc4b925e926a6827510a7f07c0 0be1c4d492576266e6586d6c18c0704f10c609a6 fb0e64c249dc97a3820daa894a44f84a7d4a8cd4 947f94b23bf1d3be225b44299bf0403406e5ac85 e6d912b0614b453e8cb4474e4498b1ddc25746be 7f5e0cec0a7c021af9a9feb513fba14b1e0855a4 0be66fb1b12c480a3247992febe0a9ea52a193c8 19c6edb2ce5c1e8ed995423ad8ab34af37e1f057 618a4f17f13751539c0879ca79d7f534631fdd99 dfc6198136a5de39e8f59744a45e8353812ef13c 0be66fb1b12c480a3247992febe0a9ea52a193c8 19c6edb2ce5c1e8ed995423ad8ab34af37e1f057 618a4f17f13751539c0879ca79d7f534631fdd99 dfc6198136a5de39e8f59744a45e8353812ef13c b1a0581199238f3162bebeb4869a524c0397cc32 8a192b4c8d04b6c2d48bf2a03a5dfa81a36cbdc2 a10111767ebd9f6b268c54a8d11551bdeb3d5ef1 88f2173a854c275d2b4fd14ed07f0626388a03b0 8ee4073c789ee58a3b4087ac91ac5ee6acdb678c 8a192b4c8d04b6c2d48bf2a03a5dfa81a36cbdc2 a10111767ebd9f6b268c54a8d11551bdeb3d5ef1 88f2173a854c275d2b4fd14ed07f0626388a03b0 8ee4073c789ee58a3b4087ac91ac5ee6acdb678c 38b127c8d060c9ff6d88af3c49e12287f7028e7e a6ab96c329c770cc1f147ac49a6c15f086d74d46 e9cad5b25083aa97d7951e35bbefb039afba8e6c d72244a73fa282fa9046d0003ac28e01799dd257 38b127c8d060c9ff6d88af3c49e12287f7028e7e a6ab96c329c770cc1f147ac49a6c15f086d74d46 e9cad5b25083aa97d7951e35bbefb039afba8e6c d72244a73fa282fa9046d0003ac28e01799dd257