

Список используемых открытых программных средств.

1) iOS

1	Платформа	Библиотека	Ссылка на ПО	Название лицензии	Текст лицензии
2	iOS	Moya/RxSwift	https://github.com/Moya/Moya	MIT	https://github.com/Moya/Moya/blob/master/License.md
3	iOS	RxSwift	https://github.com/ReactiveX/RxSwift	MIT	https://github.com/ReactiveX/RxSwift/blob/master/LICENSE.md
4	iOS	RxCocoa	https://github.com/ReactiveX/RxSwift/tree/master/RxCocoa	MIT	https://github.com/ReactiveX/RxSwift/blob/master/LICENSE.md
5	iOS	RxDataSources	https://github.com/RxSwiftCommunity/RxDataSources	MIT	https://github.com/RxSwiftCommunity/RxDataSources/blob/master/LICENSE.md
6	iOS	Kingfisher	https://github.com/onevc/Kingfisher	MIT	https://github.com/onevc/Kingfisher/blob/master/LICENSE
7		RxFlow	https://github.com/RxSwiftCommunity/RxFlow	MIT	https://github.com/RxSwiftCommunity/RxFlow/blob/master/LICENSE
8	iOS	SwiftLint	https://github.com/realm/SwiftLint	MIT	https://github.com/realm/SwiftLint/blob/master/LICENSE
9	iOS	RxPagingKit	https://github.com/kazuhiro4949/RxPagingKit	MIT	https://github.com/kazuhiro4949/RxPagingKit/blob/master/LICENSE
10	iOS	SwipeCellKit	https://github.com/SwipeCellKit/SwipeCellKit	MIT	https://github.com/kazuhiro4949/RxPagingKit/blob/master/LICENSE
11	iOS	MTSDesignSystem	внутренняя библиотека МТС	-	-
12	iOS	JTAppleCalendar	https://github.com/patchthecode/JTAppleCalendar	MIT	https://github.com/patchthecode/JTAppleCalendar/blob/master/LICENSE
13	iOS	Starscream	https://github.com/daltoniam/Starscream	Apache-2.0	https://github.com/daltoniam/Starscream/blob/master/LICENSE
14	iOS	VisualEffectView	https://github.com/efremidze/VisualEffectView	MIT	https://github.com/efremidze/VisualEffectView/blob/master/LICENSE
15	iOS	SkeletonView	https://github.com/Juanpe/SkeletonView	MIT	https://github.com/Juanpe/SkeletonView/blob/develop/LICENSE
16	iOS	SGWCommunicationSDK	лицензия DSR	-	-
17	iOS	ZigbeeQRCode	Библиотека от компании DSR	-	-
18	iOS	FGRoute	https://github.com/Feghal/FGRoute	MIT	https://github.com/Feghal/FGRoute/blob/master/LICENSE
19	iOS	ReachabilitySwift	https://github.com/ashleymills/Reachability.swift	MIT	https://github.com/ashleymills/Reachability.swift/blob/master/LICENSE
20	iOS	SwiftEntryKit	https://github.com/huri000/SwiftEntryKit	MIT	https://github.com/huri000/SwiftEntryKit/blob/master/LICENSE
21	iOS	RxSkeleton	https://github.com/any-optional/RxSkeleton	MIT	https://github.com/any-optional/RxSkeleton/blob/master/LICENSE
22	iOS	CropViewController	https://github.com/TimOliver/TOCropViewController	MIT	https://github.com/TimOliver/TOCropViewController/blob/master/LICENSE
23	iOS	MobileVLCKit	https://github.com/videolan/vlckit	LGPL-2.1	https://github.com/videolan/vlckit/blob/master/COPYING
24	iOS	Firebase/Crashlytics	https://github.com/firebase/firebase-ios-sdk	Apache-2.0	https://github.com/firebase/firebase-ios-sdk/blob/master/LICENSE

25	iOS	Firestore/Performance	https://github.com/firebase/firebase-ios-sdk	Apache-2.0	https://github.com/firebase/firebase-ios-sdk/blob/master/LICENSE
26	iOS	Firestore/Analytics	https://github.com/firebase/firebase-ios-sdk	Apache-2.0	https://github.com/firebase/firebase-ios-sdk/blob/master/LICENSE
27	iOS	Firestore/Messaging	https://github.com/firebase/firebase-ios-sdk	Apache-2.0	https://github.com/firebase/firebase-ios-sdk/blob/master/LICENSE
28	iOS	Firestore/Core	https://github.com/firebase/firebase-ios-sdk	Apache-2.0	https://github.com/firebase/firebase-ios-sdk/blob/master/LICENSE
29	iOS	Firestore/Storage	https://github.com/firebase/firebase-ios-sdk	Apache-2.0	https://github.com/firebase/firebase-ios-sdk/blob/master/LICENSE
30	iOS	Swinject	https://github.com/Swinject/Swinject	MIT	https://github.com/Swinject/Swinject/blob/master/LICENSE
31	iOS	YandexMobileMetrics/Dynamic	https://yandex.ru/dev/appmetrica/doc/mobile-sdk-dg/tasks/ios-quickstart-docpage/	Yandex AppMetrica SDK License Agreement	https://yandex.com/legal/appmetrica_sdk_agreement/

2) Android

1	Android id	paymentsdk	внутренняя библиотека МТС	-	-
2	Android id	org.jetbrains.kotlin:kotlin-stdlib-jdk8	https://github.com/JetBrains/kotlin/tree/master/libraries/stdlib	Apache-2.0	https://github.com/JetBrains/kotlin/blob/master/license/LICENSE.txt
3	Android id	org.jetbrains.kotlin:kotlin-reflect	https://github.com/JetBrains/kotlin/tree/master/libraries/reflect	Apache-2.0	https://github.com/JetBrains/kotlin/blob/master/license/LICENSE.txt
4	Android id	org.jetbrains.kotlinx:kotlinx-coroutines-android	https://github.com/Kotlin/kotlinx.coroutines	Apache-2.0	https://github.com/Kotlin/kotlinx.coroutines/blob/master/LICENSE.txt
5	Android id	androidx.appcompat:appcompat	https://github.com/androidx-releases/Appcompat	Apache-2.0	https://github.com/androidx-releases/Appcompat/blob/master/LICENSE
6	Android id	androidx.legacy:legacy-support-v4	android native	Apache-2.0	http://www.apache.org/licenses/LICENSE-2.0.txt
7	Android id	androidx.cardview:cardview	android native	Apache-2.0	http://www.apache.org/licenses/LICENSE-2.0.txt
8	Android id	androidx.recyclerview:recyclerview	android native	Apache-2.0	http://www.apache.org/licenses/LICENSE-2.0.txt
9	Android id	androidx.constraintlayout:constraintlayout	android native	Apache-2.0	http://www.apache.org/licenses/LICENSE-2.0.txt
10	Android id	androidx.emoji:emoji	android native	Apache-2.0	http://www.apache.org/licenses/LICENSE-2.0.txt

11	Android id	androidx.exifinterface:exifinterface	android native	Apache-2.0	http://www.apache.org/licenses/LICENSE-2.0.txt
12	Android id	com.google.android.material:material	android native	Apache-2.0	http://www.apache.org/licenses/LICENSE-2.0.txt
13	Android id	androidx.core:core-ktx	android native	Apache-2.0	http://www.apache.org/licenses/LICENSE-2.0.txt
14	Android id	androidx.multidex:multidex	android native	Apache-2.0	http://www.apache.org/licenses/LICENSE-2.0.txt
15	Android id	androidx.browser:browser	android native	Apache-2.0	http://www.apache.org/licenses/LICENSE-2.0.txt
16	Android id	androidx.viewpager2:viewpager2	android native	Apache-2.0	http://www.apache.org/licenses/LICENSE-2.0.txt
17	Android id	com.google.dagger:dagger	https://github.com/google/dagger	Apache-2.0	https://github.com/google/dagger/blob/master/LICENSE.txt
18	Android id	com.google.dagger:dagger-android	https://github.com/google/dagger	Apache-2.0	https://github.com/google/dagger/blob/master/LICENSE.txt
19	Android id	com.google.dagger:dagger-compiler	https://github.com/google/dagger	Apache-2.0	https://github.com/google/dagger/blob/master/LICENSE.txt
20	Android id	com.squareup.retrofit2:retrofit	https://github.com/square/retrofit	Apache-2.0	https://github.com/square/retrofit/blob/master/LICENSE.txt
21	Android id	com.squareup.retrofit2:converter-gson	https://github.com/square/retrofit/tree/master/retrofit-converters/gson	Apache-2.0	https://github.com/square/retrofit/blob/master/LICENSE.txt
22	Android id	com.squareup.retrofit2:adapter-rxjava2	https://github.com/square/retrofit/tree/master/retrofit-adapters/rxjava2	Apache-2.0	https://github.com/square/retrofit/blob/master/LICENSE.txt
23	Android id	io.reactivex.rxjava2:rxandroid	https://github.com/ReactiveX/RxAndroid	Apache-2.0	https://github.com/ReactiveX/RxAndroid/blob/3.x/LICENSE
24	Android id	io.reactivex.rxjava2:rxjava	https://github.com/ReactiveX/RxJava	Apache-2.0	https://github.com/ReactiveX/RxJava/blob/3.x/LICENSE
25	Android id	com.trello.rxlifecycle2:rxlifecycle-android	https://github.com/trello/RxLifecycle	Apache-2.0	https://github.com/trello/RxLifecycle/blob/master/LICENSE
26	Android id	com.jakewharton.rxbinding2:rxbinding	https://github.com/JakeWharton/RxBinding	Apache-2.0	https://github.com/JakeWharton/RxBinding/blob/master/LICENSE.txt

27	Android id	com.github.mirrajabi:rx-contacts2	https://github.com/mirrajabi/rx-contacts2	Apache-2.0	https://github.com/mirrajabi/rx-contacts2/blob/master/LICENSE.md
28	Android id	ru.terrakok.cicerone:cicerone	https://github.com/terrakok/Cicerone	MIT	https://github.com/terrakok/Cicerone/blob/master/LICENSE
29	Android id	com.hannedorfmann.mosby3:mvp	https://github.com/sockeqwe/mosby	Apache-2.0	https://github.com/sockeqwe/mosby/blob/master/LICENSE
30	Android id	com.riningan.frag:frag	https://github.com/Riningan/Frag/tree/master/frag	Apache-2.0	https://github.com/Riningan/Frag/blob/master/LICENSE
31	Android id	com.riningan.frag:frag-annotations	https://github.com/Riningan/Frag/tree/master/frag-annotations	Apache-2.0	https://github.com/Riningan/Frag/blob/master/LICENSE
32	Android id	com.riningan.frag:frag-processor	https://github.com/Riningan/Frag/tree/master/frag-processor	Apache-2.0	https://github.com/Riningan/Frag/blob/master/LICENSE
33	Android id	de.hdodenhof:circleimageview	https://github.com/hdodenhof/CircleImageView	Apache-2.0	https://github.com/hdodenhof/CircleImageView/blob/master/LICENSE.txt
34	Android id	com.orhanobut:dialogplus	https://github.com/orhanobut/dialogplus	Apache-2.0	https://github.com/orhanobut/dialogplus/blob/master/LICENSE
35	Android id	com.dlazarov66.qrcodereaderview:qrcodereaderview	https://github.com/dlazarov66/QRCodeReaderView	Apache-2.0	https://github.com/dlazarov66/QRCodeReaderView#license
36	Android id	com.riningan.widget:biometricauthdialog	https://github.com/Riningan/BiometricAuthDialog	Apache-2.0	https://github.com/Riningan/BiometricAuthDialog/blob/master/LICENSE
37	Android id	com.github.devsideal:VectorChildFinder	https://github.com/devendroid/VectorChildFinder	Apache-2.0	https://github.com/devendroid/VectorChildFinder/blob/master/LICENSE
38	Android id	com.facebook.shimmer:shimmer	https://github.com/facebook/shimmer-android	BSD License	https://github.com/facebook/shimmer-android/blob/master/LICENSE
39	Android id	com.google.android.exoplayer:exoplayer	https://github.com/google/ExoPlayer	Apache-2.0	https://github.com/google/ExoPlayer/blob/release-v2/LICENSE
40	Android id	com.squareup.okhttp3:logging-interceptor	https://github.com/square/okhttp/tree/master/okhttp-logging-interceptor	Apache-2.0	https://github.com/square/okhttp/blob/master/LICENSE.txt
41	Android id	com.noveogroup.android:android-logger	https://github.com/noveogroup/android-logger	MIT + not be used in advertising	https://github.com/noveogroup/android-logger/blob/master/LICENSE.txt
42	Android id	ru.tinkoff.decoro:decoro	https://github.com/TinkoffCreditSystems/decoro	Apache-2.0	https://github.com/TinkoffCreditSystems/decoro/blob/master/LICENSE.txt

43	Android id	com.github.kenglxn.QRGen:android	https://github.com/kenglxn/QRGen	Apache-2.0	https://github.com/kenglxn/QRGen#license
44	Android id	com.google.firebase:firebase-analytics	https://github.com/firebase/quickstart-android/tree/master/analytics	Apache-2.0	https://github.com/firebase/quickstart-android/blob/master/LICENSE
45	Android id	com.google.firebase:firebase-messaging	https://github.com/firebase/quickstart-android/tree/master/messaging	Apache-2.0	https://github.com/firebase/quickstart-android/blob/master/LICENSE
46	Android id	android.arch.work:work-runtime	https://android.googlesource.com/platform/frameworks/support/+androidx-master-dev/work/	Apache-2.0	https://android.googlesource.com/platform/frameworks/support/+androidx-master-dev/LICENSE.txt
47	Android id	com.google.firebase:firebase-storage	https://github.com/firebase/quickstart-android/tree/master/storage	Apache-2.0	https://github.com/firebase/quickstart-android/blob/master/LICENSE
48	Android id	com.yandex.android:mobmetricalib	https://yandex.ru/dev/appmetrica/doc/mobile-sdk-dg/concepts/android-initialize-docpage/	Yandex AppMetrica SDK License Agreement	https://yandex.ru/legal/metrica_termsofuse/
49	Android id	com.android.installreferrer:installreferrer	https://developer.android.com/google/play/installreferrer	Apache-2.0	http://www.apache.org/licenses/LICENSE-2.0.html
50	Android id	com.github.smhdk:KM-Recyclerview-Sticky-Header	https://github.com/smhdk/KM-Recyclerview-Sticky-Header	MIT	https://github.com/smhdk/KM-Recyclerview-Sticky-Header#licence
51	Android id	com.github.pwittchen:reactivenetwork-rx2	https://github.com/pwittchen/ReactiveNetwork	Apache-2.0	https://github.com/pwittchen/ReactiveNetwork/blob/RxJava2.x/LICENSE
52	Android id	com.github.yalantis:ucrop	https://github.com/Yalantis/uCrop	Apache-2.0	https://github.com/Yalantis/uCrop#license
53	Android id	com.github.bumptech.glide:glide	https://github.com/bumptech/glide	BSD, part MIT and Apache 2.0	https://github.com/bumptech/glide/blob/master/LICENSE
54	Android id	com.github.bumptech.glide:compiler	https://github.com/bumptech/glide	BSD, part MIT and Apache 2.0	https://github.com/bumptech/glide/blob/master/LICENSE
55	Android id	com.dhh:websocket	https://github.com/dhhAndroid/RxWebSocket	Apache-2.0	https://github.com/dhhAndroid/RxWebSocket#license

3) Java

1	Backend	netty-router	https://github.com/sinetja/netty-router	MIT	https://github.com/sinetja/netty-router/blob/master/MIT-LICENSE
2	Backend	netty-all	https://github.com/netty/netty/tree/4.1/all	Apache-2.0	https://github.com/netty/netty/blob/4.1/LICENSE.txt
3	Backend	netty-transport-native-epoll	https://github.com/netty/netty/tree/4.1/transport-native-epoll	Apache-2.0	https://github.com/netty/netty/blob/4.1/LICENSE.txt

4	Bac kend	mongo-java- driver	https://github.com/mongodb/mongo-java-driver	Apache-2.0	https://github.com/mongodb/mongo-java-driver/blob/master/LICENSE.txt
5	Bac kend	gson	https://github.com/google/gson	Apache-2.0	https://github.com/google/gson/blob/master/LICENSE
6	Bac kend	owner	https://github.com/lviggiano/owner/tree/master/owner	BSD-3	https://github.com/lviggiano/owner/blob/master/LICENSE
7	Bac kend	owner-java8- extras	https://github.com/lviggiano/owner/tree/master/owner-java8-extras	BSD-3	https://github.com/lviggiano/owner/blob/master/LICENSE
8	Bac kend	slf4j	http://www.slf4j.org/	MIT	http://www.slf4j.org/license.html
9	Bac kend	log4j	https://logging.apache.org/log4j/2.x/	Apache-2.0	http://www.apache.org/licenses/LICENSE-2.0
10	Bac kend	log4j2-logstash- layout	https://github.com/vy/log4j2-logstash-layout	Apache-2.0	http://www.apache.org/licenses/LICENSE-2.0
11	Bac kend	json	https://github.com/stleary/JSON-java	MIT	https://github.com/stleary/JSON-java/blob/master/LICENSE
12	Bac kend	jjwt-api	https://github.com/jwt/jwt/tree/master/api	Apache-2.0	https://github.com/jwt/jwt/blob/master/LICENSE
13	Bac kend	jjwt-impl	https://github.com/jwt/jwt/tree/master/impl	Apache-2.0	https://github.com/jwt/jwt/blob/master/LICENSE
14	Bac kend	jjwt-jackson	https://github.com/jwt/jwt/tree/master/extensions/jackson	Apache-2.0	https://github.com/jwt/jwt/blob/master/LICENSE
15	Bac kend	amqp-client	https://github.com/rabbitmq/rabbitmq-java-client	Apache 2.0, GPL 2.0, MPL 1.1	https://github.com/rabbitmq/rabbitmq-java-client/blob/master/LICENSE
16	Bac kend	commons-lang3	https://github.com/apache/commons-lang	Apache-2.0	https://github.com/apache/commons-lang/blob/master/LICENSE.txt
17	Bac kend	firebase-admin	https://github.com/firebase/firebase-admin-java	Apache-2.0	https://github.com/firebase/firebase-admin-java/blob/master/LICENSE
18	Bac kend	dev.morphia. morphia:core	https://github.com/MorphiaOrg/morphia	Apache-2.0	https://github.com/MorphiaOrg/morphia/blob/master/LICENSE.txt
19	Bac kend	lombok	https://github.com/rzwitserloot/lombok	MIT	https://github.com/rzwitserloot/lombok/blob/master/LICENSE
20	Bac kend	spring-core	https://github.com/spring-projects/spring-framework/tree/master/spring-core	Apache-2.0	https://github.com/spring-projects/spring-framework/blob/master/LICENSE.txt

4) Golang

1	Backen d-Go	Go kit	github.com/go-kit/kit v0.9.0	MIT	https://github.com/go-kit/kit/blob/master/LICENSE
2	Backen d-Go	OpenAPI errors	github.com/go-openapi/errors v0.19.4	Apache License 2.0	https://github.com/go-openapi/errors/blob/master/LICENSE
3	Backen d-Go	Loads OAI	github.com/go-openapi/loads v0.19.4	Apache License 2.0	https://github.com/go-openapi/loads/blob/master/LICENSE
4	Backen d-Go	Open-API toolkit	github.com/go-openapi/runtime v0.19.14	Apache License 2.0	https://github.com/go-openapi/runtime/blob/master/LICENSE
5	Backen d-Go	OAI object model	github.com/go-openapi/spec v0.19.3	Apache License 2.0	https://github.com/go-openapi/spec/blob/master/LICENSE
6	Backen d-Go	Strfmt	github.com/go-openapi/strfmt v0.19.5	Apache License 2.0	https://github.com/go-openapi/strfmt/blob/master/LICENSE
7	Backen d-Go	Swag	github.com/go-openapi/swag v0.19.8	Apache License 2.0	https://github.com/go-openapi/swag/blob/master/LICENSE
8	Backen d-Go	Validation helpers	github.com/go-openapi/validate v0.19.8	Apache License 2.0	https://github.com/go-openapi/validate/blob/master/LICENSE
9	Backen d-Go	uuid	github.com/google/uuid v1.1.1	BSD 3-Clause "New" or "Revised" License	https://github.com/google/uuid/blob/master/LICENSE

10	Backend-Go	gorilla/mux	github.com/gorilla/mux v1.7.3	BSD 3-Clause "New" or "Revised" License	https://github.com/gorilla/mux/blob/master/LICENSE
11	Backend-Go	go-flags	github.com/jessevdk/go-flags v1.4.0	BSD 3-Clause "New" or "Revised" License	https://github.com/jessevdk/go-flags/blob/master/LICENSE
12	Backend-Go	Logrus	github.com/sirupsen/logrus v1.5.0	MIT	https://github.com/sirupsen/logrus/blob/master/LICENSE
13	Backend-Go	Cobra	github.com/spf13/cobra v0.0.7	Apache License 2.0	https://github.com/spf13/cobra/blob/master/LICENSE.txt
14	Backend-Go	Viper	github.com/spf13/viper v1.6.2	MIT	https://github.com/spf13/viper/blob/master/LICENSE
15	Backend-Go	golang.org/x/net	golang.org/x/net v0.0.0-20190827160401-ba9fcec4b297	BSD-3-Clause	https://pkg.go.dev/golang.org/x/net?tab=licenses