

orhanobut / logger

✓ Simple, pretty and powerful logger for android

#android #java #log #logger #logcat #pretty-printer #timber #json-logging

🔒 144 commits

🌿 1 branch

📦 21 releases

👤 10 contributors

📄 Apache-2.0

Branch: master ▾


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Rename ISSUE_TEMPLATE.md to .github/ISSUE_TEMPLATE.md

Latest commit 4a85b78 Apr 10, 2018

📁 .github	Rename ISSUE_TEMPLATE.md to .github/ISSUE_TEMPLATE.md	Apr 10, 2018
📁 .idea	Update mockito	Apr 7, 2018
📁 art	Update readme file based on new decoration and new version	May 28, 2017
📁 gradle	Rename maven credentials to nexus	Mar 24, 2018
📁 logger	Convert test classes to kotlin	Apr 1, 2018
📁 sample	Upgrade project to Android Gradle plugin 3.0 and targetSdk 27	Mar 13, 2018
📄 .gitignore	Update mockito	Apr 7, 2018
📄 .travis.yml	Fix Travis-CI license issue for android 27	Mar 13, 2018
📄 LICENSE	init	Mar 20, 2015
📄 README.md	Improve JavaDoc even more	Mar 24, 2018
📄 build.gradle	Update mockito	Apr 7, 2018
📄 checkstyle.xml	Fix checkstyle errors. Some errors don't make, hence ignored.	May 27, 2017
📄 gradle.properties	Bump the version to 2.2.0	Mar 22, 2018
📄 gradlew	Upgrade project to Android Gradle plugin 3.0 and targetSdk 27	Mar 13, 2018
📄 gradlew.bat	Upgrade project to Android Gradle plugin 3.0 and targetSdk 27	Mar 13, 2018
📄 settings.gradle	Add sample module	May 26, 2017

📖 README.md

Android Arsenal

Logger

AndroidWeekly

#147

gitter

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Methods and size

198 | 18 KB

build

passing

Logger

Simple, pretty and powerful logger for android

Setup

Download

```
implementation 'com.orhanobut:logger:2.2.0'
```

Initialize

```
Logger.addLogAdapter(new AndroidLogAdapter());
```

And use

```
Logger.d("hello");
```

Output

D/PRETTY_LOGGER: D/PRETTY_LOGGER: D/PRETTY_LOGGER: D/PRETTY_LOGGER: D/PRETTY_LOGGER: D/PRETTY_LOGGER:	Thread: main	Thread info
D/PRETTY_LOGGER: D/PRETTY_LOGGER: D/PRETTY_LOGGER:	Activity.performCreate (Activity.java:6679) MainActivity.onCreate (MainActivity.java:29)	Method info
D/PRETTY_LOGGER: D/PRETTY_LOGGER:	Thread info, method info and message	Message
W/PRETTY_LOGGER: W/PRETTY_LOGGER: W/PRETTY_LOGGER: W/PRETTY_LOGGER: W/PRETTY_LOGGER:	Activity.performCreate (Activity.java:6679) MainActivity.onCreate (MainActivity.java:43) no thread info and only 1 method	Method info
I/PRETTY_LOGGER: I/PRETTY_LOGGER: I/PRETTY_LOGGER:	no thread info and method info	Message
E/PRETTY_LOGGER-tag: E/PRETTY_LOGGER-tag: E/PRETTY_LOGGER-tag:	Custom tag for only one use	Only message
D/PRETTY_LOGGER: D/PRETTY_LOGGER: D/PRETTY_LOGGER: D/PRETTY_LOGGER: D/PRETTY_LOGGER:	{ "key": 3, "value": "something" }	Message with 'one-time-use' tag
D/PRETTY_LOGGER: D/PRETTY_LOGGER: D/PRETTY_LOGGER: D/PRETTY_LOGGER:	[foo, bar]	Json and Xml support
D/PRETTY_LOGGER: D/PRETTY_LOGGER: D/PRETTY_LOGGER:	{key=value, key1=value2}	List support
W/MyTag: W/MyTag: W/MyTag:	my log message with my tag	Map and Set support
		Global tag

Options

```

Logger.d("debug");
Logger.e("error");
Logger.w("warning");
Logger.v("verbose");
Logger.i("information");
Logger.wtf("What a Terrible Failure");

```

String format arguments are supported

```
Logger.d("hello %s", "world");
```

Collections are supported (only available for debug logs)

```

Logger.d(MAP);
Logger.d(SET);
Logger.d(LIST);
Logger.d(ARRAY);

```

Json and Xml support (output will be in debug level)

```

Logger.json(JSON_CONTENT);
Logger.xml(XML_CONTENT);

```

Advanced

```

FormatStrategy formatStrategy = PrettyFormatStrategy.newBuilder()
    .showThreadInfo(false) // (Optional) Whether to show thread info or not. Default true
    .methodCount(0)        // (Optional) How many method line to show. Default 2
    .methodOffset(7)       // (Optional) Hides internal method calls up to offset. Default 5
    .logStrategy(customLog) // (Optional) Changes the log strategy to print out. Default LogCat
    .tag("My custom tag")   // (Optional) Global tag for every log. Default PRETTY_LOGGER

```

```

        .build();

    Logger.addLogAdapter(new AndroidLogAdapter(formatStrategy));

```

Loggable

Log adapter checks whether the log should be printed or not by checking this function. If you want to disable/hide logs for output, override `isLoggable` method. `true` will print the log message, `false` will ignore it.

```

    Logger.addLogAdapter(new AndroidLogAdapter() {
        @Override public boolean isLoggable(int priority, String tag) {
            return BuildConfig.DEBUG;
        }
    });

```

Save logs to the file

//TODO: More information will be added later

```

    Logger.addLogAdapter(new DiskLogAdapter());

```

Add custom tag to Csv format strategy

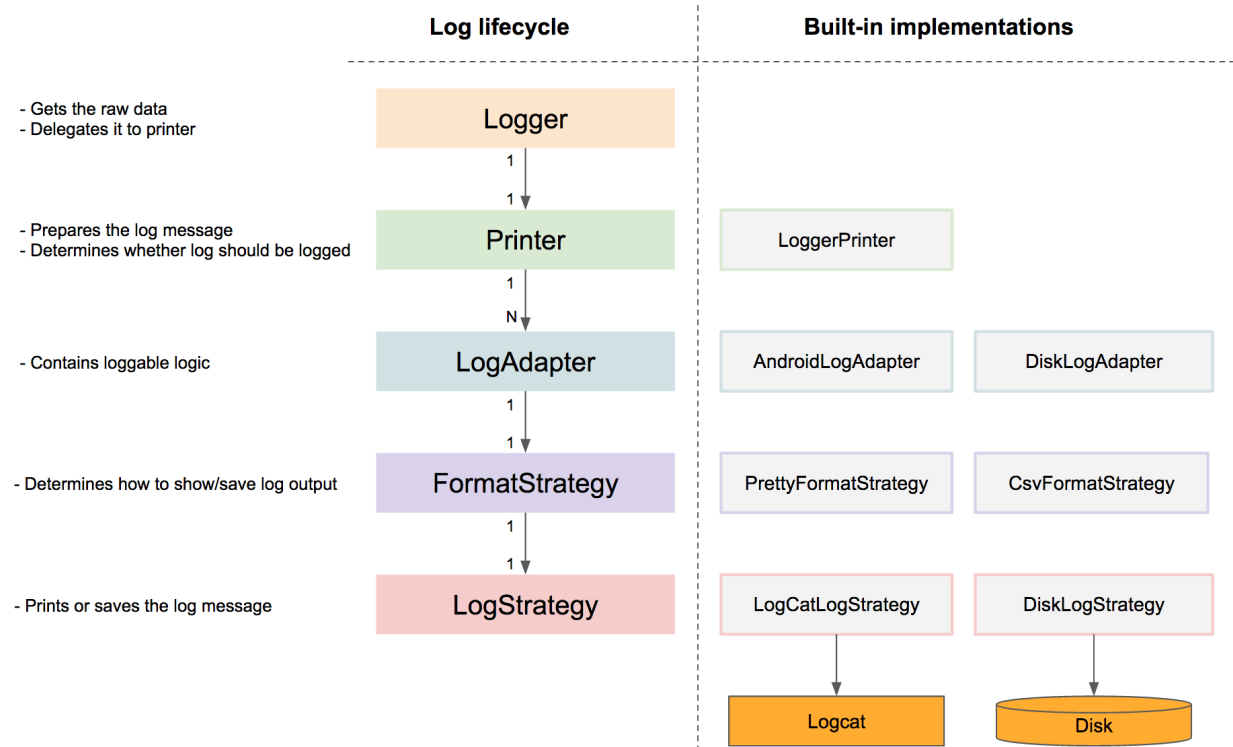
```

    FormatStrategy formatStrategy = CsvFormatStrategy.newBuilder()
        .tag("custom")
        .build();

    Logger.addLogAdapter(new DiskLogAdapter(formatStrategy));

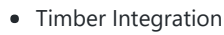
```

How it works



More

- Use filter for a better result. `PRETTY_LOGGER` or your custom tag
- Make sure that wrap option is disabled
- You can also simplify output by changing settings.



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