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| Lynx Pro and Solar Firmware Libraries | | | | |
|---------------------------------------|---------|---|---|---------------------------------------|
| Component | Version | License | Website | Source Code |
| BusyBox | 1.22.1 | GNU General Public License v2.0 only | https://www.busybox.net | busybox-1_22_1.tar.gz |
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|--|--------|---|---|--------------------|
| cJSON-Dave Gamble | 1.0.0 | MIT License | http://cjson.sourceforge.net/ | c-json-master.zip |
| Curl and Libcurl | 7.39.0 | curl License | http://github.com/curl/curl/ | curl-7.39.0.tar.gz |
| goahead* | 2.5.0 | GNU General Public License v2.0 or later | http://github.com/embedthis/goahead/ | goahead_v2.5.tgz |
| web-i18n-butterfat | 2.5.0 | GNU General Public License v2.0 or later | https://github.com/wiliwe/web-i18n-butterfat | Same as above |
| dTree | 2.5.0 | dTree License | http://www.destroydrop.com/javascripts/tree/ | Same as above |
| PeerSec Networks MatrixSSL Evaluation | 2.5.0 | GNU General Public License v2.0 or later | http://www.peersec.com/ | Same as above |
| Guy Lancaster PPP (lwip) | 1.4.1 | MIT License | http://mypage.direct.ca/g/glanca/ | lwip-1.4.1.zip |
| lwip | 1.4.1 | BSD 3-clause "New" or "Revised" License | http://github.com/dreamcatcher4/lwip/ | Same as above |
| lwIP - A Lightweight TCP/IP stack | 1.4.1 | BSD 3-clause "New" or "Revised" License | http://savannah.nongnu.org/projects/lwip/ | Same as above |
| ppp - Pauls PPP Package | 1.4.1 | BSD 4-clause "Original" or "Old" License | https://ppp.samba.org/index.html | Same as above |

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|--------------------------------------|----------|---|---|----------------------------|
| Guy Lancaster PPP (mbedtis) | 2.4.2 | Apache License 2.0 | http://github.com/ARMmbed/mbedtls/ | mbedtls-2.4.2-apache.tgz |
| mbedtls | 2.4.2 | Apache License 2.0 | http://github.com/ARMmbed/mbedtls/ | Same as above |
| miniupnp | 1.7 | BSD 3-clause "New" or "Revised" License | http://github.com/miniupnp/miniupnp/ | miniupnp-9871.zip |
| MPEG4IP | 1.6.1 | GNU Lesser General Public License v2.1 or later | http://sourceforge.net/projects/mpeg4ip/ | mpeg4ip-1.6.1.tag.gz |
| ntpclient* | 2003_194 | GNU General Public License v2.0 only | http://doolittle.icarus.com/ntpclient/ | ntpclient_2003_194_mod.tgz |
| OpenSSL | 1.0.1f | OpenSSL Combined License | http://www.openssl.org | openssl-1.0.1f.tar.gz |
| oRTP | 0.23.0 | GNU Lesser General Public License v2.1 or later | http://www.linphone.org/index.php/eng/code_review/ortp | ortp-0.23.0.tar.gz |
| oRTP Vovida software license Content | 0.23.0 | Vovida Software License v1.0 | http://www.linphone.org/index.php/eng/code_review/ortp | Same as above |
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Note: * modified code

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| Curl and Libcurl | 7.56.0 | curl License | http://github.com/curl/curl/ | curl-7.56.0.tar.gz |

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|---------------------------------------|----------|---|---|----------------------------|
| goahead* | 2.5.0 | GNU General Public License v2.0 or later | http://github.com/embedthis/goahead/ | goahead_v2.5.tgz |
| web-i18n-butterfat | 2.5.0 | GNU General Public License v2.0 or later | https://github.com/wiliwe/web-i18n-butterfat | Same as above |
| dTree | 2.5.0 | dTree License | http://www.destroydrop.com/javascripts/tree/ | Same as above |
| PeerSec Networks MatrixSSL Evaluation | 2.5.0 | GNU General Public License v2.0 or later | http://www.peersec.com | Same as above |
| miniupnp | 1.7 | BSD 3-clause "New" or "Revised" License | http://github.com/miniupnp/miniupnp/ | miniupnp-9871.zip |
| MPEG4IP | 1.6.1 | GNU Lesser General Public License v2.1 or later | http://sourceforge.net/projects/mpeg4ip/ | mpeg4ip-1.6.1.tar.gz |
| ntpclient* | 2003_194 | GNU General Public License v2.0 only | http://doolittle.icarus.com/ntpclient/ | ntpclient_2003_194_mod.tgz |
| OpenSSL | 1.0.1f | OpenSSL Combined License | http://www.openssl.org | openssl-1.0.1f.tar.gz |
| oRTP | 0.23.0 | GNU Lesser General Public License v2.1 or later | http://www.linphone.org/index.php/eng/code_review/ortp | ortp-0.23.0.tar.gz |
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Note: * modified code

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|-------------------------------|---------|------------------------------------|---|---|
| Component | Version | License | Website | Source Code |
| Amplitude-iOS | v4.2.0 | MIT License | http://github.com/amplitude/Amplitude-iOS/ | Amplitude-iOS-4.2.0.tar.gz |
| SimplePing Apple Sample Code | 5.0 | Apple MIT License | https://developer.apple.com/library/archive/samplecode/SimplePing/ | SimplePing_Apple_Sample_Code-5.0.tar.gz |
| APTimeZones | 1.1 | MIT License | http://github.com/Alterplay/APTimeZones/ | APTimeZones-1.1.tar.gz |
| b64: Base-64 Encoding Library | 1.4.2 | BSD 23-clause "Simplified" License | http://synesis.com.au/software/b64.html | b64-1.4.2.tar.gz |
| Bond | 6.10.0 | MIT License | https://github.com/srdanrasic/Bond | Bond-6.10.0.tar.gz |
| cocoapods-core | 1.4.0 | MIT License | http://github.com/CocoaPods/CocoaPods/ | CocoaPods-1.4.0.tar.gz |
| DeepLinkKit | 1.4.0 | MIT License | https://github.com/button/DeepLinkKit | https://github.com/button/DeepLinkKit |
| Differ | 1.2.3 | MIT License | https://github.com/tonyarnold/Differ | Differ-1.2.3.tar.gz |
| FFmpeg | 3.0.3 | GNU LGPL v2.1 or later | http://ffmpeg.org | FFmpeg-3.0.3.tar.gz |

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|------------------|-------|---|---|---|
| mp4v2 | 2.0.0 | Mozilla Public License 1.1 | http://code.google.com/p/mp4v2/ | mp4v2-2.0.0.tar.bz2 |
| MWFeedParser | 1.0.1 | MIT License | http://github.com/mwaterfall/MWFeedParser/ | MWFeedParser-1.0.1.tar.gz |
| oRTP | 0.23 | GNU Lesser General Public License v2.1 or later | http://www.linphone.org/index.php/eng/code_review/ortp | oRTP-0.23.0.tar.gz |
| ReactiveKit | 3.9.6 | MIT License | https://github.com/DeclarativeHub/ReactiveKit | ReactiveKit-3.9.6.tar.gz |
| ssl-conservatory | v3 | MIT License | http://github.com/iSECPartners/ssl-conservatory/ | ssl-conservatory-v3.tar.gz |
| xCode by Apple | 10.1 | Apple Public Source License 2.0 | https://developer.apple.com/xcode/ | https://developer.apple.com/xcode/ |

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| Android Open Source Libraries | | | | |
|--------------------------------------|----------------|--------------------|---|---|
| Component | Version | License | Website | Source Code |
| Amplitude-Android | 2.14.1 | MIT License | https://github.com/amplitude/Amplitude-Android | https://github.com/amplitude/Amplitude-Android |
| AndroidSwipeLayout | 1.2.0 | MIT License | https://github.com/daimajia/AndroidSwipeLayout | https://github.com/daimajia/AndroidSwipeLayout |
| Apache Commons Lang | 3.1 | Apache License 2.0 | https://github.com/apache/commons-lang/ | commons-lang3.3.1.jar |
| butterknife | 8.8.1 | Apache License 2.0 | https://github.com/JakeWharton/butterknife | https://github.com/JakeWharton/butterknife |

| | | | | |
|------------------------------------|-------------|--|---|---|
| EventBus | 3.0.0 | Apache License 2.0 | https://github.com/greenrobot/EventBus | https://github.com/greenrobot/EventBus |
| FFmpeg | 3.0.3 | GNU LGPL v2.1 or later | https://www.ffmpeg.org/legal.html | https://github.com/FFmpeg/FFmpeg |
| Firebase Android Client | 17.3.4 | Apache License 2.0 | https://github.com/GoogleCloudPlatform/firebase-android-client | https://github.com/GoogleCloudPlatform/firebase-android-client |
| Free Software Foundation Copyright | Unspecified | FSF Unlimited License (with License Retention) | https://www.fsf.org/licensing/ | FreeSoftwareFoundationCopyright.tar.gz |
| Google Fonts - Montserrat | 6.001 | SIL Open Font License, Version 1.1 | https://github.com/JuliettaUla/Montserrat | Montserrat.zip |
| Google Fonts - Open Sans | 1.10 | Apache License 2.0 | https://fonts.google.com/specimen/Open+Sans | OpenSans-Light.ttf |
| Gradle | 4.4 | Apache License 2.0 | https://github.com/gradle/gradle | https://github.com/gradle/gradle |
| Gson | 2.8.0 | Apache License 2.0 | https://github.com/google/gson | https://github.com/google/gson |
| HockeySDK | 3.5.0 | MIT-style License | https://github.com/bitstadium/HockeySDK-Android | https://github.com/bitstadium/HockeySDK-Android |
| Jef Poskanzer BSD Content | Unspecified | BSD 2-clause "Simplified" License | http://www.acme.com | acme_crypto.tar.gz |
| JUnit | 4.12 | Eclipse License 1.0 | https://github.com/junit-team/junit4 | https://github.com/junit-team/junit4 |
| Libresample | 1.7 | LGPL 1.3 | https://ccrma.stanford.edu/~jos/resample/ | resample-1.8.1.tar.gz |

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|--------------------------------------|-------------|---|---|---|
| mp4v2 | 2.0.0 | Mozilla Public License 1.1 | https://code.google.com/archive/p/mp4v2/ | mp4v2-2.0.0.tar.bz2 |
| oRTP | 0.23 | LGPL v2 | http://www.linphone.org/technical-corner/ortp/downloads | ortp-0.23.0.tar.gz |
| RoundedImageView | 2.2.1 | Apache License 2.0 | http://github.com/makera men/RoundedImageView/ | https://github.com/vinc3m1/RoundedImageView |
| Speexdsp | 1.2rc3 | Revised BSD License | https://www.speex.org | speexdsp-1.2rc3.tar.gz |
| University of California BSD content | Unspecified | BSD 3-clause "New" or "Revised" License | https://www.universityofcalifornia.edu/ | UniversityOfCaliforniaBSDContent.tar.gz |

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 *

```

* Utility functions to manipulate INTEL hex files
*
*/

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
```

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Curl and Libcurl

```
*****  
#  
# Project      _ _ _ _ _  
#             / _ | | | | \ | |  
#             | ( _ | | | | _ < | | _  
#             \ _ | \ | / | | \ \ | |  
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```

#

#####

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=====

libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that GPL[1]-licensed code is not allowed to be linked with code licensed under the Original BSD license (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an exception[2]. This particular problem was addressed when the Modified BSD license was created, which does not have the announcement clause that collides with GPL.

libcurl <http://curl.haxx.se/docs/copyright.html>

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OpenSSL <http://www.openssl.org/source/license.html>

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yassl <http://www.yassl.com/>

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*
* Author: Adam Dunkels <adam@sics.se>
*
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Guy Lancaster PPP (mbedtls)

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Miniupnp

MiniUPnP
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web-i18n-butterfat

// 2014-04-27, William.L modified.
/*****

This script provides i18n support via a basic replica of GNU's gettext api. To use it, pick a domain ("messages" is the traditional domain). For each language, create a file named <domain>_<lang>.xml, where lang is one of the two letter abbreviations found on <http://www.loc.gov/standards/iso639-2/langcodes.html> (for instance, messages_en.xml is a good start). The script will first look for a cookie with the name "language", and if it is not set then it uses the browser language. It should be noted that this "browser language" is just the "navigator.language" or "navigator.browserLanguage" value, and NOT the "Accept-Language" header sent by the browser. This is something that should be set by the server, such as in a cookie. The preferable method is for the server to take the "Accept-Language" header value and store it in a permanent cookie, allowing this script to henceforth know which po file to use. The text within the msgid and msgstr should, obviously be html encoded. Your javascript does not have to be html encoded. For example, the call _("test\`test") with a message of "<message msgid='test"test' msgstr='test"test"test' />" would return "test\`test\`test".

The po file should have the following syntax:

```
<po creationdate ="2005-10-12 12:08-0500" translator="FULL NAME EMAIL@ADDRESS">
  <message msgid="this is english" msgstr="this is spanish" />
</po>
```

The attributes for <po> are optional. The html file needs only to include the b28n.js file and then set the text domain via Butterlate.setTextDomain(<domain>,<location>). <domain> is the domain you used to create the above xml file, and <location> is the HTTP accessible directory of that xml file (so, "http://<FQDN>/messages_en.xml"). Whenever you are showing text, just call the function "_(<text>)" or "Butterlate.gettext(<text>)" and Butterlate will handle the rest. The following example will produce a page that says "this is spanish" (assuming you set up the setTextDomain correctly and make the above xml available).

```
<html>
<head>
  <title>I18N Test</title>
  <script type="text/javascript" src="b28n.js"></script>
  <script type="text/javascript">
    Butterlate.setTextDomain("messages","http://butterfat.net/~bmuller/i18n");
    function startUp() {
      var test = document.getElementById("test");
      test.innerHTML = _("this is english");
    }
  </script>
</head>
<body onload="startUp();">
  <div id="test">
</body>
</html>
```

There is also the ability to have variables in your translations. For instance, if you have a message that says "hello <username>, how are you?" and the translation ends up being "blah blah <username> blah" you need a way of handling the variable. In the xml file, just use "%s" to denote a variable's placement- for instance: "<message msgid='hello %s, how are you?' msgstr='blah blah %s blah' />". Then in your javascript call either the function "__(<msgid>,<array of translations>)" or "vgettext(<msgid>,<array of translations>)". The array of translations is just an array of strings in the same order as your %s's. If there are more array

strings than variables, the extras are ignored. If there are more %s's than array strings, the last string in the array is simply repeated as many times as necessary. If the array is empty, then the msgstr from the xml file will be returned as-is.

NOTE: If the browser is set to a language for which you do not have an xml file, the original text will just be displayed and there will be no error messages. The same goes for any text you did not define in the xml file if it does exist.

*****/

DTree

/*****

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JavaScript Tree - www.destroydrop.com/hjascrpts/tree/
Version 0.96

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*****/

PeerSec Networks MatrixSSL Evaluation

/*

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* This file is part of the lwIP TCP/IP stack.
*
* Author: Adam Dunkels <adam@sics.se>
*
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MP4v2 2.0.0

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libresample 1.7

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be

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OpenSSL 1.0.2k

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oRTP 0.27.0

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
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libresample 1.7

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JUnit 4.12

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ButterKnife 8.8.1

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AVLoadingIndicatorView 2.1.3

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Google Fonts - Open Sans

The Montserrat Font Project

Julieta Ulanovsky began this project in 2010 while a post-graduate student of typeface design at the FADU, University of Buenos Aires. She launched it as a Kickstarter project in 2011, in order to complete the first public release and share it with the world through Google Fonts. In her Kickstarter, she described it like this:

The old posters and signs in the traditional neighborhood of Buenos Aires called Montserrat inspired me to design a typeface that rescues the beauty of urban typography from the first half of the twentieth century. The goal is to rescue what is in Montserrat and set it free, under a free, libre and open source license, the SIL Open Font License.

As urban development changes this place, it will never return to its original form and loses forever the designs that are so special and unique. To draw the letters, I rely on examples of lettering in the urban space. Each selected example produces its own variants in length, width and height proportions, each adding to the Montserrat family. The old typographies and canopies are irretrievable when they are replaced.

There are other revivals, but those do not stay close to the originals. The letters that inspired this project have work, dedication, care, color, contrast, light and life, day and night! These are the types that make the city look so beautiful.

Since then it has been developed by Julieta in collaboration with several designers. In 2015, a full set of weights and italics were developed by Julieta in collaboration with Ale Paul, Carolina Giovagnoli, Andrés Torresi, Juan Pablo del Peral and Sol Matas. In 2017, Jacques Le Bailly reworked the entire Latin design, and in parallel Juan Pablo del Peral and Sol Matas developed the initial Cyrillic extension with review and advise from Maria Doreuli and Alexei Vanyashin. Technical reviews were made by Lasse Fister, Kalapi GajjarBordawekar and Marc Foley. Special thanks also to Thomas Linard, Valeria Dulitzky, Belén Quirós, and Germán Rozo.

Google Fonts – Montserrat

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SimplePing Apple Sample Code

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