

# Open Source Compliance mit Lizenzen aus den 90er Jahren im Jahr 2018



**BITKOM**

**5. Forum Open Source**



Dr. Hendrik Schöttle  
Erfurt, 18. September 2018

# Osborne Clarke International

1,500

employees  
and counting



24

international  
locations

**Belgium:** Brussels

**China:** Hong Kong, Shanghai

**France:** Paris

**Germany:** Berlin, Cologne, Hamburg, Munich

**India:** Mumbai\*

**Italy:** Brescia, Busto Arsizio, Milan, Padua, Rome

**The Netherlands:** Amsterdam

**Singapore**

**Sweden:** Stockholm

**Spain:** Barcelona, Madrid, Zaragoza

**UK:** Bristol, London, Thames Valley

**USA:** New York, San Francisco, Silicon Valley



\* Relationship firm





*FRIST: 01.07.2015  
Zahlung + UE*

vorab per Telefax:

22.06.2015  
Unser Zeichen: \_\_\_\_\_

Rechtsanwalt

Rechtsanwalt

Rechtsanwalt

Rechtsanwalt

Sehr geehrte Damen und Herren,

unter Vorlage der Vollmachtsurkunde in Kopie zeige ich die Vertretung von \_\_\_\_\_ an.

Mein Mandant ist Kernel-Entwickler und u.a. Urheberrechtsinhaber und einer der Inhaber der ausschließlichen Nutzungsrechte des \_\_\_\_\_ sowie der weiteren Softwareprogramme \_\_\_\_\_ und \_\_\_\_\_

Seine an diesen Programmen bestehende Urheberschaft wird anhand der als Anlage A1 zu diesem Schreiben beigefügten Anleitung zur Nachvollziehung der Urheberschaft nochmals belegt.

Mein Mandant ist zudem Urheberrechtsinhaber und einer der Inhaber der ausschließlichen Nutzungsrechte der Software-Programme \_\_\_\_\_ und \_\_\_\_\_

Seine diesbezügliche Urheberschaft kann im Bestreitensfalle durch die Vorlage entsprechender Quelltexte mit Urhebervermerk nachgewiesen werden, worauf zunächst aufgrund des erheblichen Umfangs verzichtet wird.

Telefon \_\_\_\_\_  
Rechtsanwälte \_\_\_\_\_  
Fax \_\_\_\_\_

# Warum Clearing?

---

„[...]“

1. *Mein Mandant hat Anspruch auf sofortige Beseitigung des rechtswidrigen Zustandes und künftige Unterlassung der rechtswidrigen Beeinträchtigung seiner Rechte gem. § 97 Abs. 1 UrhG.*

*Ich fordere Sie deshalb namens und in Vollmacht meines Mandanten auf,*

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- b) *zur Beseitigung der Wiederholungsgefahr hinsichtlich zukünftiger Verstöße bis spätestens zum*



*eine ausreichend strafbewehrte Unterlassungserklärung abzugeben. [...]“*

---



**Welche Pflichten  
sind zu erfüllen?**

# Welche Pflichten sind zu erfüllen?

---

- Informationspflichten
- **GPLv2, Ziffer 1**

*You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you **conspicuously and appropriately publish** on each copy **an appropriate copyright notice and disclaimer of warranty**; keep intact all the notices [...] and to the absence of any warranty; **and give any other recipients of the Program a copy of this License along with the Program.***



# Welche Pflichten sind zu erfüllen?

---

- Source Code
- **GPL v2, Ziffer 3**

*You may copy and distribute the Program [...] in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:*

- a) 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; or,*
  - b) Accompany it with a **written offer, valid for at least three years**, to give **any third party**, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,*
  - c) [...] non-commercial distribution [...]*
- 



## Welche Pflichten sind zu erfüllen?

---

- Copyright Notice
- Disclaimer of Warranty
- Copy of the License / Attribution to License in Source Code
- Source Code



**Wie sollte das  
Ergebnis  
aussehen?**

## Open Source-Lizenzen

- [/data/preload/HTC\\_Calculator.apk](#)
- [/kernel](#)
- [/root/file\\_contexts](#)
- [/root/init](#)
- [/root/property\\_contexts](#)
- [/root/sbin/adbd](#)
- [/root/sbin/crashdump](#)
- [/root/sbin/gzip\\_recvy](#)
- [/root/sbin/logcat\\_recvy](#)
- [/root/seapp\\_contexts](#)
- [/root/selinux\\_version](#)
- [/root/sepolicy](#)
- [/root/service\\_contexts](#)
- [/system/app/CertInstaller/CertInstaller.apk](#)

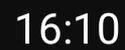
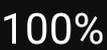
## Open Source-Lizenzen

### Notices for file(s):

[/kernel](#)

NOTE! This copyright does *\*not\** cover user programs that use kernel services by normal system calls - this is merely considered normal use of the kernel, and does *\*not\** fall under the heading of "derived work". Also note that the GPL below is copyrighted by the Free Software Foundation, but the instance of code that it refers to (the Linux kernel) is copyrighted by me and others who actually wrote it.

Also note that the only valid version of the GPL as far as the kernel is concerned is this particular version of the license (ie v2, not v2.2 or v3.x or whatever), unless explicitly otherwise stated.



# Open Source-Lizenzen



Also note that the only valid version of the GPL as far as the kernel is concerned is this particular version of the license (ie v2, not v2.2 or v3.x or whatever), unless explicitly otherwise stated.

Linus Torvalds

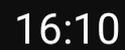
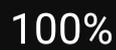
-----

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Preamble



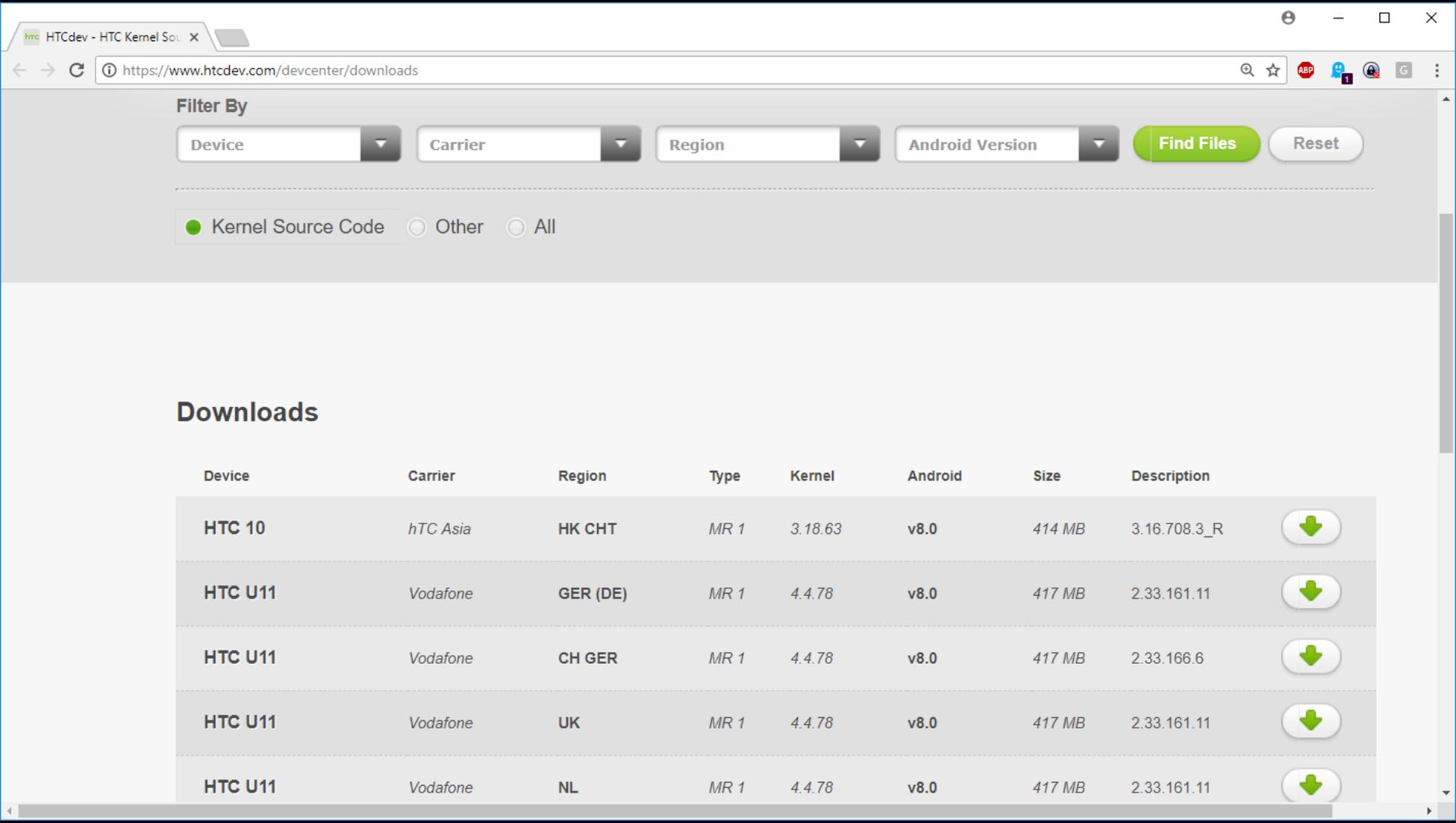
# Open Source-Lizenzen



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### Filter By

Device

Carrier

Region

Android Version

Find Files

Reset

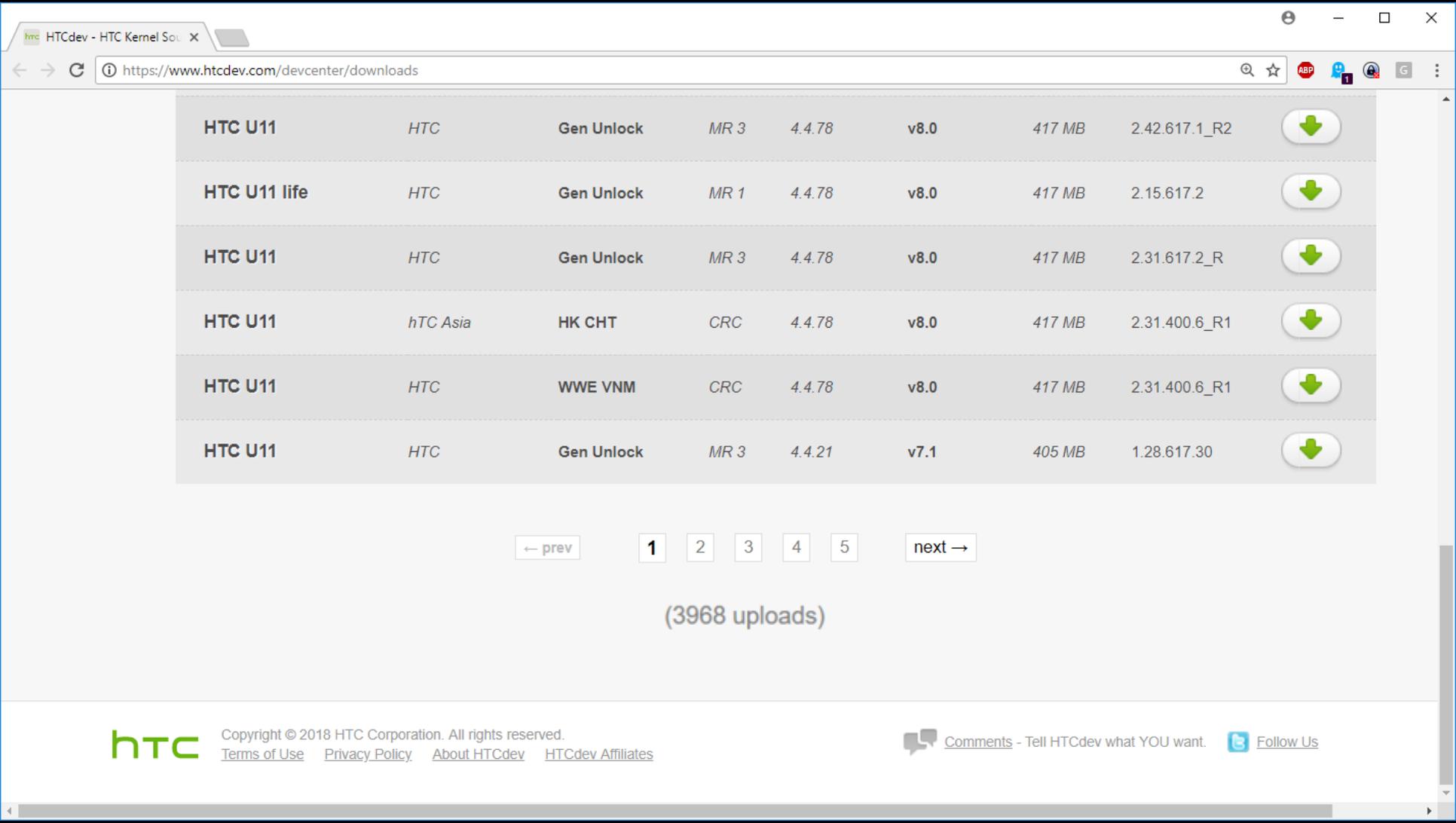
Kernel Source Code

Other

All

## Downloads

Device	Carrier	Region	Type	Kernel	Android	Size	Description	
HTC 10	hTC Asia	HK CHT	MR 1	3.18.63	v8.0	414 MB	3.16.708.3_R	
HTC U11	Vodafone	GER (DE)	MR 1	4.4.78	v8.0	417 MB	2.33.161.11	
HTC U11	Vodafone	CH GER	MR 1	4.4.78	v8.0	417 MB	2.33.166.6	
HTC U11	Vodafone	UK	MR 1	4.4.78	v8.0	417 MB	2.33.161.11	
HTC U11	Vodafone	NL	MR 1	4.4.78	v8.0	417 MB	2.33.161.11	



HTC U11

HTC

Gen Unlock

MR 3

4.4.78

v8.0

417 MB

2.42.617.1\_R2



HTC U11 life

HTC

Gen Unlock

MR 1

4.4.78

v8.0

417 MB

2.15.617.2



HTC U11

HTC

Gen Unlock

MR 3

4.4.78

v8.0

417 MB

2.31.617.2\_R



HTC U11

hTC Asia

HK CHT

CRC

4.4.78

v8.0

417 MB

2.31.400.6\_R1



HTC U11

HTC

WWE VNM

CRC

4.4.78

v8.0

417 MB

2.31.400.6\_R1



HTC U11

HTC

Gen Unlock

MR 3

4.4.21

v7.1

405 MB

1.28.617.30



← prev

1

2

3

4

5

next →

(3968 uploads)



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# Wie sollte das Ergebnis aussehen?

---

- Bill of Materials mit Lizenztexten, Copyright-Klauseln, Zuordnung einzelner Komponenten
- Source Code Repo



**Wie komme ich  
dahin?**

# Wie komme ich dahin?

---

- Scanning
- Clearing
- BOM-Liste erstellen





Hinzufügen



Entpacken



Überprüfen



Kopieren



Verschieben



Löschen



Eigenschaften

E:\linux-4.14.3.tar\linux-4.14.3\

Name	Größe	Gepackte Größe	Geändert am	Zugriffsrechte	Besitzer
arch	102 974 909	107 418 112	2017-11-30 09:41	0rwxrwxr-x	root
block	1 554 804	1 581 056	2017-11-30 09:41	0rwxrwxr-x	root
certs	20 803	23 552	2017-11-30 09:41	0rwxrwxr-x	root
crypto	3 127 167	3 169 280	2017-11-30 09:41	0rwxrwxr-x	root
Documentation	25 288 379	26 716 160	2017-11-30 09:41	0rwxrwxr-x	root
drivers	485 771 435	492 011 008	2017-11-30 09:41	0rwxrwxr-x	root
firmware	2 815	3 584	2017-11-30 09:41	0rwxrwxr-x	root
fs	35 399 519	35 875 840	2017-11-30 09:41	0rwxrwxr-x	root
include	27 866 593	29 050 880	2017-11-30 09:41	0rwxrwxr-x	root
init	152 113	155 648	2017-11-30 09:41	0rwxrwxr-x	root
ipc	221 788	225 280	2017-11-30 09:41	0rwxrwxr-x	root
kernel	7 633 438	7 734 272	2017-11-30 09:41	0rwxrwxr-x	root
lib	3 764 487	3 855 872	2017-11-30 09:41	0rwxrwxr-x	root
mm	3 546 779	3 575 808	2017-11-30 09:41	0rwxrwxr-x	root
net	25 521 131	25 958 912	2017-11-30 09:41	0rwxrwxr-x	root
samples	650 830	702 464	2017-11-30 09:41	0rwxrwxr-x	root
scripts	2 688 968	2 772 992	2017-11-30 09:41	0rwxrwxr-x	root
security	2 291 356	2 339 840	2017-11-30 09:41	0rwxrwxr-x	root
sound	31 013 489	31 533 568	2017-11-30 09:41	0rwxrwxr-x	root
tools	14 702 656	15 354 368	2017-11-30 09:41	0rwxrwxr-x	root
usr	24 614	25 600	2017-11-30 09:41	0rwxrwxr-x	root



Hinzufügen



Entpacken



Überprüfen



Kopieren



Verschieben



Löschen



Eigenschaften

E:\linux-4.14.3.tar\linux-4.14.3\

Name	Größe	Gepackte Größe	Geändert am	Zugriffsrechte	Besitzer
net	25 521 131	25 958 912	2017-11-30 09:41	0rwxrwxr-x	root
samples	650 830	702 464	2017-11-30 09:41	0rwxrwxr-x	root
scripts	2 688 968	2 772 992	2017-11-30 09:41	0rwxrwxr-x	root
security	2 291 356	2 339 840	2017-11-30 09:41	0rwxrwxr-x	root
sound	31 013 489	31 533 568	2017-11-30 09:41	0rwxrwxr-x	root
tools	14 702 656	15 354 368	2017-11-30 09:41	0rwxrwxr-x	root
usr	24 614	25 600	2017-11-30 09:41	0rwxrwxr-x	root
virt	560 216	570 880	2017-11-30 09:41	0rwxrwxr-x	root
.cocciconfig	59	512	2017-11-30 09:41	0rw-rw-r--	root
.get_maintainer.ignore	31	512	2017-11-30 09:41	0rw-rw-r--	root
.gitattributes	30	512	2017-11-30 09:41	0rw-rw-r--	root
.gitignore	1 312	1 536	2017-11-30 09:41	0rw-rw-r--	root
.mailmap	8 885	9 216	2017-11-30 09:41	0rw-rw-r--	root
<b>COPYING</b>	18 693	18 944	2017-11-30 09:41	0rw-rw-r--	root
CREDITS	98 556	98 816	2017-11-30 09:41	0rw-rw-r--	root
Kbuild	2 293	2 560	2017-11-30 09:41	0rw-rw-r--	root
Kconfig	287	512	2017-11-30 09:41	0rw-rw-r--	root
MAINTAINERS	430 471	430 592	2017-11-30 09:41	0rw-rw-r--	root
Makefile	59 793	59 904	2017-11-30 09:41	0rw-rw-r--	root
README	722	1 024	2017-11-30 09:41	0rw-rw-r--	root



COPYING x

```
1
2  NOTE! This copyright does *not* cover user programs that use kernel
3  services by normal system calls - this is merely considered normal use
4  of the kernel, and does *not* fall under the heading of "derived work".
5  Also note that the GPL below is copyrighted by the Free Software
6  Foundation, but the instance of code that it refers to (the Linux
7  kernel) is copyrighted by me and others who actually wrote it.
8
9  Also note that the only valid version of the GPL as far as the kernel
10 is concerned is this particular version of the license (ie v2, not
11 v2.2 or v3.x or whatever), unless explicitly otherwise stated.
12
13      Linus Torvalds
14
15 -----
16
17      GNU GENERAL PUBLIC LICENSE
18      Version 2, June 1991
19
20 Copyright (C) 1989, 1991 Free Software Foundation, Inc.
21                51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
22 Everyone is permitted to copy and distribute verbatim copies
23 of this license document, but changing it is not allowed.
24
25      Preamble
```

Rich text ribbon area with icons for font, alignment, numbers, and formatting.

B24 : "19.3"

	A	B	C	D	E
	Package name	Package version	Archive name	Relevance	Comment
2	JsonCpp	01.08.2000	1.8.0.tar.gz	Yes	
5	avahi	0.6.31	avahi-0.6.31.tar.gz	Yes	für st-link
6	backports	20150324	backports-20150324.tar.bz2	Yes	
10	bridge-utils	01. Mai	bridge-utils-1.5.tar.gz	Yes	brctl etc.
11	busybox	1.19.4	busybox-1.19.4.tar.bz2	Yes	
12	bzip	2-1.0.6	bzip2-1.0.6.tar.gz	Yes	bzcat
13	ca-certificates	20160104	ca-certificates_20160104.tar.xz	partial	[guwm] As defini Chineseese certs m
16	curl	7.36.0	curl-7.36.0.tar.bz2	Yes	
17	dbus	01.08.2008	dbus-1.8.8.tar.gz	Yes	[guwm] IPC

Datei

Start

Einfügen

Seitenlayout

Formeln

Daten

Überprüfen

Ansicht

Was möchten Sie tun?

Teilen



Times New Roma 12



Schriftart



Ausrichtung

Standard



Zahl

Bedingte Formatierung

Als Tabelle formatieren

Zellenformatvorlagen

Formatvorlagen

Einfügen

Löschen

Format

Zellen



Sortieren und Filtern

Bearbeiten



Suchen und Auswählen

A53

linux

	A	B	C	D	
	Package name	Package version	Archive name	Relevant	Comment
2	JsonCpp	01.08.2000	1.8.0.tar.gz	Yes	
49	libpcap	01.05.2003	libpcap-1.5.3.tar.gz	Yes	
52	lighttpd	01.04.1941	lighttpd-1.4.41.tar.xz	Yes	
53	linux	Mrz 14	linux-3.14.tar.xz	Yes	
54	linux-firmware	17657c3	linux-firmware-17657c3.tar.bz2	Yes	
56	lua	05.01.2005	lua-5.1.5.tar.gz	Yes	
64	monit	05.06.2017	<a href="#">monit-5.6.tar.gz</a>	Yes	
65	mosquitto	01.04.2010	mosquitto-1.4.10.tar.gz	Yes	
68	mtt-utils	01.04.2005	mtt-utils-1.4.5.tar.gz	Yes	[guwm] What Ve
69	mtt-utils	01.05.2000	mtt-utils-1.5.0.tar.gz	Yes	[guwm] What Ve

OpenSourcePakete

Lizenztexte

Tabelle3



Navigation bar



Rich text editor toolbar with icons for font, alignment, numbers, and formatting.

A53 : x ✓ fx linux

	A	B	F	G
1	Package name	Package version	Licence (Type / Version)	Copyright
2	JsonCpp	01.08.2000	MIT License	Copyright (c) 2007-2010
49	libpcap	01.05.2003	BSD	
52	lighttpd	01.04.1941		Copyright (C) 1989, 1991 Free
53	linux	Mrz 14	GNU GENERAL PUBLIC LICENSE Version 2 GNU LIBRARY GENERAL PUBLIC LICENSE Version 2 [PREFIX] + GNU GENERAL PUBLIC LICENSE Version 2	Code in this directory writer
54	linux-firmware	17657c3		PROPRIETARY (COPYRIGHT (c)
56	lua	05.01.2005	MIT license	
64	monit	05.06.2017	GNU AFFERO GENERAL PUBLIC LICENSE Version 3	Copyright (C) 2007 Free
65	mosquitto	01.04.2010	[Dual] Eclipse Public License 1.0 (epl-v10), Eclipse Distribution License 1.0 (edl-v10)	
68	mtd-utils	01.04.2005	MIT License GNU GENERAL PUBLIC LICENSE Version 2	Copyright (c) 2000-2007 by Ni
69	mtd-utils	01.05.2000	MIT License GNU GENERAL PUBLIC LICENSE Version 2	Copyright (c) 2000-2007 by Ni



# License Browser

Version: [3.2.0rc1], Branch: [master], Commit: [#191f35] 2017/10/24 05:51 UTC built @ 2017/10/25 09:23 UTC

logout  
User: fossy  
Group: fossy

Folder: [Software Repository/](#)  
[linux-4.14.3.tar.xz/linux-4.14.3](#)

License Browser | [File Browser](#) | [Copyright](#) | [ECC](#) | [Email/URL/Author](#) | [Browse](#) | [License List](#) | [Search](#) • [View](#) | [Info](#) • [Refresh](#)

Display 25 licenses

Scanner Count	Concluded License Count	License Name
31288	0	GPL-2.0
11997	0	GPL-2.0+
3806	0	GPL
2993	0	MIT-style
2750	617	MIT
1621	0	Dual-license
1134	0	BSD-3-Clause
1014	0	WebM
870	0	BSD-2-Clause
464	0	BSD-style
241	0	Sun(tm)
205	0	GPL-1.0
110	0	See-file.LICENSE
94	0	BSD
93	0	See-file
92	0	LGPL-2.1+
71	0	Public-domain

Display 50 files (tree view or flat)

Files	Scanner Results (N: nomos, M: monk, Nk: ninka, I: reportImport)	Edited Results	Clearing Status	Files Cleared
	GPL-2.0	-- filter for edited results --	<input type="checkbox"/> open	
arch	Algorithmics, BSD, BSD-2-Clause, BSD-3-Clause, BSD-3-Clause-Clear, BSD-style, Cryptogams, Dual-license, GPL, GPL-1.0, GPL-1.0+, GPL-2.0, GPL-2.0+, GPL-2.0+-with-classpath-exception, GPL-2.0-with-GCC-exception, GPL-3.0, GPL-possibility, HP-DEC, HP-possibility, ISC-possibility, LGPL, LGPL-2.0, LGPL-2.0+, LGPL-2.1+, MIT, MIT-style, Motorola, No_license_found, OpenSSL, Public-domain, Public-domain(C), See-file, See-file.COPYING, See-file.README, See-URL, UnclassifiedLicense, WebM, X11	MIT	<span style="color: red;">●</span>	33/154
block	GPL-2.0, GPL-2.0+, No_license_found		<span style="color: red;">●</span>	0/72
certs	GPL-2.0, GPL-2.0+, No_license_found		<span style="color: red;">●</span>	0/7
crypto	BSD-2-Clause, BSD-3-Clause, BSD-style, Dual-license, GPL-2.0, GPL-2.0+, MIT-style, No license found, Public-domain,		<span style="color: red;">●</span>	0/14

License Browser

localhost:8081/repo/?mod=license&upload=17&item=10085#

93	0	See-file
92	0	LGPL-2.1+
71	0	Public-domain
55	0	LGPL
54	0	MPL-1.1
43	0	See-file.README
43	0	See-file.COPYING
42	0	LGPL-2.0+
33	0	See-doc.OTHER
32	0	LGPL-2.1
30	0	Cryptogams

Showing 1 to 25 of 90 licenses

Previous Next

Hint: Click on the license name to search for where the license is found in the file listing.

### Summary

Unique licenses	90	61257	Files
Unique scanner detected licenses	91	2	Unique concluded licenses
Licenses found	59475	618	Licenses concluded
Files with no detected licenses	32	0	Concluded files with no detected licenses

### Scanner details

<b>crypto</b>	BSD-2-Clause, BSD-3-Clause, BSD-style, Dual-license, GPL-2.0, GPL-2.0+, MIT-style, No_license_found, Public-domain, Public-domain(C), U-Michigan, WebM			0/14
<b>Documentation</b>	Adapttec-GPL, AGPL-1.0, BSD, BSD-possibility, BSD-style, CC-BY, Dual-license, GFDL, GFDL-1.1, GFDL-1.1+, GPL, GPL-1.0, GPL-2.0, GPL-2.0+, GPL-2.0-with-classpath-exception, GPL-3.0, GPL-3.0+, GPL-possibility, HP-possibility, IJG, Intel-WLAN, LGPL, LGPL-2.0+, MIT, MS-LPL, No_license_found, Non-commercial, NOT-public-domain, Public-domain, See-doc.OTHER, See-file, See-URL, Trademark-ref, UnclassifiedLicense, W3C-possibility, WebM, X11-possibility	MIT		1/25
<b>drivers</b>	Apache-2.0, BSD, BSD-2-Clause, BSD-2-Clause-FreeBSD, BSD-3-Clause, BSD-4-Clause-UC, BSD-style, CMU, CMU-style, Cryptogams, DPTC, Dual-license, GFDL-1.1, GFDL-1.1+, GFDL-1.2, Google-BSD, GPL, GPL-1.0, GPL-2.0, GPL-2.0+, GPL-2.1[sic], GPL-possibility, HPND, HP-possibility, IBM-possibility, ISC, LGPL, LGPL-2.0+, LGPL-2.1, LGPL-2.1+, MIT, MIT-style, MPL, MPL-1.1, No_license_found, Not-for-sale, NRL, NTP, OpenSSL, Perl-possibility, PHP-possibility, PostgreSQL, Public-domain, See-doc.OTHER, See-file, See-file.COPYING, See-file.LICENSE, See-file.README, See-URL, Sun-possibility, Sun(tm),	MIT		529/22

**Collaborative  
Clearing heute**



# Browse

Version: [3.2.0rc1], Branch: [master], Commit: [#191f35] 2017/10/24 05:51 UTC built @ 2017/10/25 09:23 UTC

User: fossy  
Group: fossy

logout

### Folder Navigation

X

Collapse All | Expand All  
+ Software Repository

## Uploads in Software Repository

Show 50 entries

Search:						
Upload Name and Description	Status	Comment	Main licenses	Assigned to	Upload Date	Priority

No data available in table

Showing 0 to 0 of 0 entries

Previous Next

Select Whole folder | Marked uploads to run: README\_OSS generation SPDX2 generation

**Woran hakt's?**

# Woran hakt's?

---

Nochmal: Welche Pflichten sind zu erfüllen?

- Copyright Notice
- Warranty Disclaimer
- Kopie des Lizenstextes / Zuordnung der Lizenzen zum Source Code
- Source Code





# Home Search Browse Upload Jobs Organize Admin Help

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```
/*
 * linux/kernel/ptrace.c
 *
 * (C) Copyright 1999 Linus Torvalds
 *
 * Common interfaces for "ptrace()" which we do not want
 * to continually duplicate across every architecture.
 */

#include <linux/capability.h>
#include <linux/export.h>
#include <linux/sched.h>
#include <linux/sched/mm.h>
#include <linux/sched/coredump.h>
#include <linux/sched/task.h>
#include <linux/errno.h>
#include <linux/mm.h>
#include <linux/highmem.h>
```

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```
/* Helpers for initial module or kernel cmdline parsing  
Copyright (C) 2001 Rusty Russell.
```

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Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
```

```
*/  
#include <linux/kernel.h>
```

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---

Selbst der offizielle Linux-Kernel steckt voller Fehler!

**OLG Hamm, Urteil vom 13.06.2017, 4 U 72/16:**

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---



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Klauseln aus  
Source Files  
extrahieren?**

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logout

User: fossy

Group: fossy

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```
/*
 * Packet matching code for ARP packets.
 *
 * Based heavily, if not almost entirely, upon ip_tables.c framework.
 *
 * Some ARP specific bits are:
 *
 * Copyright (C) 2002 David S. Miller (davem@redhat.com)
 * Copyright (C) 2006-2009 Patrick McHardy <kaber@trash.net>
 *
 */
```

```
#define pr_fmt(fmt) KBUILD_MODNAME ": " fmt
#include <linux/kernel.h>
#include <linux/skbuff.h>
#include <linux/netdevice.h>
#include <linux/capability.h>
#include <linux/if_arp.h>
#include <linux/kmod.h>
```

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Please note that this scenario is independent of how firmware on a device is updated, which the next scenarios will dig into.

## Scenario #2: Manual Download From Website

---



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C.H. BECK

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<sup>173</sup> Vgl. die Studie der Linux Foundation aus dem Jahr 2012, <http://www.linuxfoundation.org/news-media/announcements/2012/04/linux-foundation-releases-annual-linux-development-report>.

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- Die Lösung? Transparenz!
- SPDX ist ein Anfang. Aber...



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# Fazit

---

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  - für Clearing-Prozessekönnen helfen
- Komfort-Level nicht vergessen







# Kontakt

---



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**Partner/Fachanwalt für IT-Recht**  
T +49 89 5434 8078  
[hendrik.schoettle@osborneclarke.com](mailto:hendrik.schoettle@osborneclarke.com)

## **Dr. Hendrik Schöttle berät im IT- und Datenschutzrecht.**

Hendrik Schöttle wurde 2018 vom Handelsblatt und von Best Lawyers als einer der besten Anwälte im IT-Recht genannt. Er wird im Kanzleimonitor 2017/2018 als mehrfach empfohlener Anwalt im IT-Recht geführt. Das Kanzleihandbuch Legal 500 Deutschland empfiehlt ihn, weil er durch „sehr gute IT-Kenntnisse besticht, auch wenn es sich um exotische Fragen handelt“ und durch ein „sehr schnelles Verständnis technischer Details“. 2015 wurde er mit dem Client Choice Award von Lexology und dem International Law Office (ILO) in der Kategorie IT- und Internetrecht ausgezeichnet.

Er hat langjährige Erfahrung bei der Beratung, Vertragsgestaltung und Verhandlung von komplexen IT-Projekten. Seine Schwerpunkte sind IoT, Digitalisierung und Cloud Computing. Er berät zu Software-Lizenzmodellen, insbesondere zu Open-Source-Software, und im Datenschutzrecht. Zu seinen Mandanten gehören international tätige Technologiekonzerne sowie namhafte IT- und E-Business-Unternehmen.

Hendrik Schöttle arbeitet seit 2005 als Rechtsanwalt, seit 2007 im Münchner Büro von Osborne Clarke. Er war mehrfach im Rahmen von Secondments in Rechtsabteilungen von IT-Unternehmen tätig.

Zudem hat er mehrere Jahre als Software-Entwickler am Institut für Rechtsinformatik der Universität des Saarlandes gearbeitet. Seine praktische Erfahrung und sein technisches Know-how kommen seinen Mandanten bei der technologienahen Beratung zugute.

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Hendrik Schöttle ist Dozent der Deutschen Anwaltakademie für den Fachanwaltslehrgang IT-Recht und hält regelmäßig Vorträge zu Themen des IT-Rechts.

Er ist Mitglied des Ausschusses Datenschutzrecht der Bundesrechtsanwaltskammer (BRAK), der Arbeitsgemeinschaft Informationstechnologie im Deutschen Anwaltverein (DAV) und der Deutschen Gesellschaft für Recht und Informatik (DGRI).