OSS License Compliance kurz erklärt

Michael C. Jaeger, Software Compliance Academy

Maximilian Huber, TNG Technology Consulting

Open Source

Wie sieht denn eine Open Source Lizenz aus?

```
Copyright (c) [year] [owner]. All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this
list of conditions and the following disclaimer in the documentation and/or other
materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.
```

Wie sieht denn eine Open Source Lizenz aus?

```
Copyright (c) [year] [owner]. All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this
list of conditions and the following disclaimer in the documentation and/or other
materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.
```

Wie sieht denn eine Open Source Lizenz aus?

```
Copyright (c) [year] [owner]. All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this
list of conditions and the following disclaimer in the documentation and/or other
materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.
```

Wie macht das denn Chromium / Firefox?

- **Chromium:**
  - Über Chromium -> Open-Source-Software
- **Google Chrome auf Android:**
  - Einstellungen -> Über Google Chrome -> Rechtliche Hinweise -> Open Soruce-Lizenzen
- **Firefox:**
  - Help -> About Firefox -> Licensing Information

Theorie OSS Lizenzen

Geschichte

- Richard Stallman, MIT, Software Entwicklung
- Anekdote: Laser Drucker, der E-Mail verschickt
- 80er: Software Lizensierung, Dongles, Time-Bombs, etc.
- Siehe auch: John "Maddog" Hall
- Beginn Free Software Foundation und GNU Projekt

Ziele Freier Software

- Jedermann
  - Benutzung
  - Verbreitung
  - Veränderung
  - Veränderung und Verbreitung
- Freie Software ist nicht gleich Open Source Software

Open Source Lizenzen

- GNU Lizenzen
- OSI Definition, weitere (z.B. Debian, Apache)
- SPDX License List: ca. 380 Lizenzen

Permissive vs. Copyleft: Permissive, Beispiel MIT Lizenz

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Permissive vs. Copyleft: Copyleft, Beispiel GPL-2.0

- Unterschied zu Permissive Licensing
  - (Lizenztext, Copyrights ebenfalls)
  - Source code bereitstellen, auch als Angebot
  - Modifikationen unter originaler Lizenz
  - Modifikationen kennzeichnen

Lizenzhandling

- Oftmals: Copyright Kennzeichnungen
- Oftmals: Lizenztexte
  - Identifikation der Lizenztexte, bekannte Lizenzen
  - Extraktion der Lizenztexte: neue, modifizierte Lizenzen

Warum brauchen wir Tool Unterstützung?

BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

BSD-3-Clause?

Redistribution and use in source and binary forms, with or without modification, are permitted (subject to the limitations in the disclaimer below) provided that the following conditions are met:

    * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
    * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
    * Neither the name of some very cool organization nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

NO EXPRESS OR IMPLIED LICENSES TO ANY PARTY'S PATENT RIGHTS ARE GRANTED BY THIS LICENSE. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

BSD-3-Clause??

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistribution of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistribution in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Sun Microsystems, Inc. or the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

This software is provided "AS IS," without a warranty of any kind. ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE HEREBY EXCLUDED. SUN MICROSYSTEMS, INC. ("SUN") AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THIS SOFTWARE OR ITS DERIVATIVES. IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE THIS SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

You acknowledge that this software is not designed, licensed or intended for use in the design, construction, operation or maintenance of any nuclear facility.

BSD-3-Clause???

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Redistributions in any form must be accompanied by information on how to obtain complete source code for this software and any accompanying software that uses this software. The source code must either be included in the distribution or be available in a timely fashion for no more than the cost of distribution plus a nominal fee, and must be freely redistributable under reasonable and no more restrictive conditions. For an executable file, complete source code means the source code for all modules it contains. It does not include source code for modules or files that typically accompany the major components of the operating system on which the executable file runs.

THIS SOFTWARE IS PROVIDED BY MIKE MINTZ AND ROBERT EKENDAHL ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, ARE DISCLAIMED. IN NO EVENT SHALL MIKE MINTZ AND ROBERT EKENDAHL OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1. BSD-3-Clause
2. BSD-3-Clause Clear License
3. BSD-3-Clause No Nuclear
   License
4. TOSL / Sleepycat

3.: BSD-3-Clause No Nuclear License

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistribution of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistribution in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Sun Microsystems, Inc. or the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

[DISCLAIMER]

You acknowledge that this software is not designed, licensed or intended for use in the design, construction, operation or maintenance of any nuclear facility.

4.: TOSL / Sleepycat

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Redistributions in any form must be accompanied by information on how to obtain complete source code for this software and any accompanying software that uses this software. The source code must either be included in the distribution or be available in a timely fashion for no more than the cost of distribution plus a nominal fee, and must be freely redistributable under reasonable and no more restrictive conditions. For an executable file, complete source code means the source code for all modules it contains. It does not include source code for modules or files that typically accompany the major components of the operating system on which the executable file runs.

[DISCLAIMER]

Lizenzierung und Copyrights identifizieren

Lizenzierung und Copyrights identifizieren

Tools:

- **FOSSology**
- Scancode Toolkit
- CodeAurora License Identifier (lid)
- ...

Beispiel: Apache Thrift v0.12.0

aclocal	Autoconf-exception, FSF, Freeware, GPL-2.0+, GPL-3.0+, Libtool-exception, No_license_found
build	Apache-2.0, BSD-2-Clause, BSD-3-Clause, No_license_found
compiler	Apache-2.0, Bison-exception-2.2, FSF, GPL-2.0+-with-bison-exception, GPL-3.0+, No_license_found
contrib	Apache-2.0, Freeware, No_license_found, See-file
debian	Apache, Apache-2.0, LGPL-2.1, MIT, No_license_found, Zlib
doc	Apache-2.0, LGPL-2.1, LGPL-2.1+, MIT, No_license_found
lib	Apache-2.0, Apache-possibility, BSD-3-Clause, FSF, No_license_found, OpenSSL, PHP-3.01, WebM
test	Apache-2.0, FSF, No_license_found
tutorial	Apache-2.0, FSF, MIT, No_license_found
.clang-format	No_license_found [N]
.dockerignore	No_license_found [N]
.editorconfig	Apache-2.0 [N]
.rustfmt.toml	No_license_found [N]
.travis.yml	Apache-2.0 [N]
CHANGES	LGPL [N]
CMakeLists.txt	Apache-2.0 [N]
CONTRIBUTING.md	Apache-2.0 [N]
LANGUAGES.md	No_license_found [N]
LICENSE	MIT [N], Apache-2.0 [N][M: 99%]
Makefile.am	Apache-2.0 [N]
Makefile.in	FSF [N][M: 83%], Apache-2.0 [N]
NOTICE	No_license_found [N]
README.md	Apache-2.0 [N]
Thrift.podspec	Apache-2.0 [N]
aclocal.m4	GPL-2.0+ [N], FSF [N][M: 88%], Autoconf-exception [N]

Bill of Material generieren

Bill of Material generieren
Tools:

- Plugins für Maven, Gradle, NPM,

  ...

- Eclipse SW360antenna
- Open Source Review Toolkit
- Quartermaster
- Tern
- ...

Lizenz Situation verstehen und einschätzen

License Checklist

https://www.osadl.org/Access-to-raw-data.oss-compliance-raw-data-access.0.html

OSADL License Checklist für BSD-2-Clause:

```
USE CASE Source code delivery
    YOU MUST Forward Copyright notices
    YOU MUST Forward License text
    YOU MUST Forward Warranty disclaimer
USE CASE Binary delivery
    YOU MUST Provide Copyright notices In Documentation OR Distribution material
    YOU MUST Provide License text In Documentation OR Distribution material
    YOU MUST Provide Warranty disclaimer In Documentation OR Distribution material
```

OSADL License Checklist für Apache-2.0:

```
USE CASE Source code delivery
      YOU MUST Forward License text
      IF Software modification
            YOU MUST Provide Modification notices
            YOU MUST Forward Copyright notices
            YOU MUST Forward Patent notices
            YOU MUST Forward Trademark notices
            YOU MUST Forward Attribution notices
            IF Work Includes File "NOTICE"
                  YOU MUST Delete Irrelevant parts
                  EITHER
                        YOU MUST Forward File "NOTICE"
                  OR
                        YOU MUST Forward File "NOTICE" In Source code
                  OR
                        YOU MUST Forward File "NOTICE" In Documentation
                  OR
                        YOU MUST Display File "NOTICE"
      IF Service offerings
            YOU MUST Indemnify Other contributors
USE CASE Binary delivery
      YOU MUST Provide License text
      IF Software modification
            IF Work Includes File "NOTICE"
```

Open Source License Compliance Handbook

https://github.com/finos-osr/OSLC-handbook

Open Source License Compliance Handbook

BSD 2-Clause "Simplified" License

SPDX License ID

BSD-2-Clause

Conditions

Description	UB	MB	US	MS	Compliance Notes
Provide copy of license	X	X	X	X	For binary distributions, this information must be provided in "the documentation and/or other materials provided with the distribution"
Provide copyright notice	X	X	X	X	For binary distributions, this information must be provided in "the documentation and/or other materials provided with the distribution"

Nachdem wir nun die Pflichten können, wollen wir:

Compliance Dokumente generieren

https://spdx.org

Compliance Dokumente generieren

Tools:

- FOSSology

- Eclipse SW360

- ...

Compliance Dokumente ausliefern

Zum Beispiel:

- Header über (minified) Code mitschicken, wie bei 1, 2 oder 3
- Compliance Dokumente in einem GUI Dialog anzeigen
- Compliance Dokumente mit in das JAR packen
- ...

Prozesse

Prozesse

- Rollen
- Aufgaben
- Ergebnisse

Rollen

- Verantwortliche Personen oder Gremien für
  - FOSS Anfragen
  - FOSS Management
  - Bewertung von Lizenzfragen
  - Bewertung von Risiken

Aufgaben

- Prozess(e) um FOSS Compliance herzustellen
- Wie werden Anwendungsfälle umgesetzt
    - Behandlung von Binary Lieferungen
    - Source Code Lieferungen
    - Modifikation von FOSS in Lieferungen
    - Umsetzung von Lizenzpflichten

Ergebnisse

- Anfertigung FOSS Compliance Dokumente
  - Einleitender Text
  - Formatierung
  - Dokumentenformat
- Archiverung
  - FOSS Compliance Dokumente
  - Source Code, Installationsanleitung, etc.

Community Arbeit

- Position zur Teilnahme an Communities
  - Durchführung / Publikation Contributions
  - Ansprechpartner
  - Freigabeprozess
- Dokumentation in Organisation

Kommunikation

- Organisationsweite Definition
- FOSS Policy
  - Position zu FOSS
  - Verantwortliche Ansprechpartner
- FOSS Training
  - Zum Beispiel als Linux Foundation Training LF-191
  - Verbreitung

Outing

- Dokumentation des Reifegrades
- Herstellererklärung der Umsetzung
- Genannte Elemente vorheriger Slides: Open Chain Project
  - Supply Chain Thema
  - FOSS Compliance für Software Lieferungen

https://www.openchainproject.org/

CC By-Sa 4.0

Further reading:

- The Software Freedom Law Center: softwarefreedom.org
- TODO Group Guides: todogroup.org/guides/
- Institut für Rechtsfragen der Freien und Open Source Software: ifross.org
- Freies "Compliance Basics For Developers" online-Training (LFC191): training.linuxfoundation.org/training/compliance-basics-for-developers
- tl;drLegal: tldrlegal.com

Further reading:

Ibrahim Haddad

http://www.ibrahimatlinux.com/publications.html

Zusammenfassung

Open Source kommt mit

- Rechten,
- Einschränkungen und
- Pflichten.

Um Lizenzen zu erfüllen muss man wissen

- <u>welche</u> man erfüllen muss,
- was der <u>genaue Lizenztext</u> ist und
- <u>welche Copyright Statements</u> dazu gehören.

Um zu wissen, welche Lizenzen man erfüllen muss, muss man wissen

- welche OSS Projekte man verwendet,
- unter welchen Lizenzen diese tatsächlich stehen,
- wie diese miteinander integriert sind und
- was in welchem (ausgeliefertem) Artefakt landet.

Michael C. Jaeger, Software Compliance Academy

Maximilian Huber, TNG Technology Consulting

Lizenzierung: Attribution-ShareAlike 4.0 International (CC BY-SA 4.0)

Quellen:

- OSADL Logo: http://osadl.org/
- OSADL Beispiel: https://www.osadl.org/fileadmin/checklists/unreflicenses/BSD-2-Clause.txt
- SOURCE LICENSE COMPLIANCE HANDBOOK: https://github.com/finos-osr/OSLC-handbook/ (CC BY-SA 4.0)
- SPDX Logo: https://spdx.org/ (CC By 3.0)
- Open Chain Logo: https://www.openchainproject.org/
- Open Source Compliance in the Enterprise: http://www.ibrahimatlinux.com/publications.html