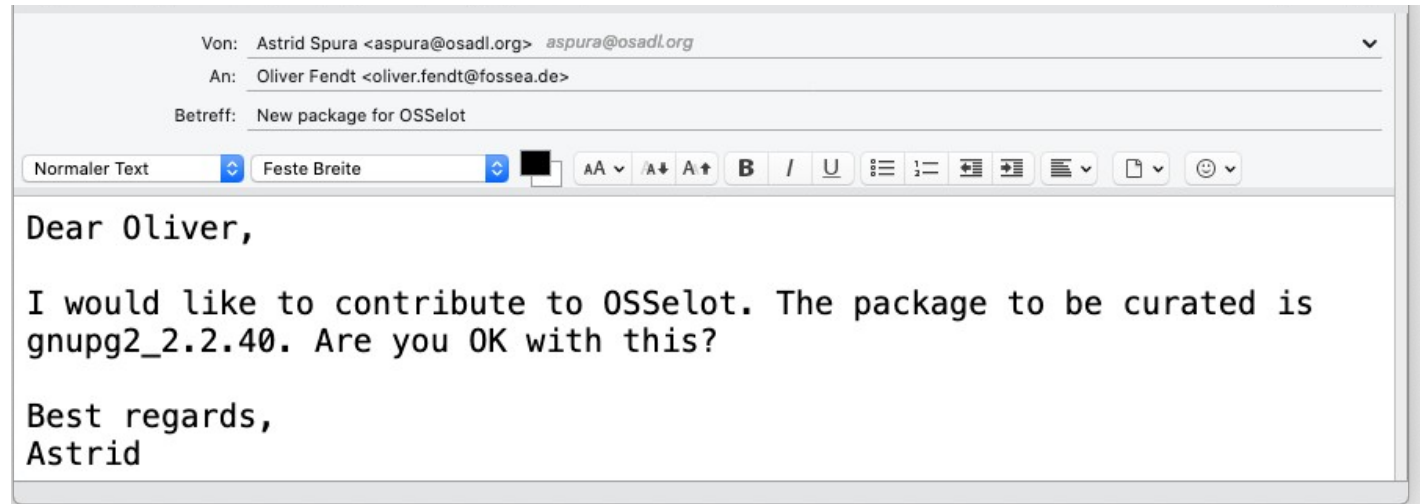# How to contribute to OSSelot

A field report

Oliver Fendt and Astrid Spura

My starting position

- Working for OSADL for many years
- Practical experience with Open Source compliance and Open Source licenses
- Started to contribute to OSSelot last year

At the very beginning

- Choose package to be curated
- Inform main-tainer about planned contribution

Contributions are very welcome

Dear Astrid,
Yeap, great! Go ahead! We welcome contributions. Everybody is invited to contribute any material, which will ease and / or reduce the effort of OSS license compliance activities:
 - Curated license and copyright information of OSS packages
 - Articles
 - Blog Posts
 - Tools
 - And other material

All contributions must be licensed under Creative Commons Public Domain Dedication: CC0-1.0

Warm regards

Oliver

In case you do not know

- We require a Certificate of Origin:

  Signed-off-by: Joanna Doe (jo.doe@happy.hacking.com)

- In case you want to contribute in the context of a company, please clarify first with your employer that you are allowed to do the contribution.

- If you want to contribute, but you do not want that your name / your company's name is disclosed, we offer a way to do so.

In case you do not know

- If you want to contribute curated license and copyright information of OSS packages – the first packages shall not be that complicated.

gnupg2_2.2.40 is fine – go for it!

Let's get to it

- Download package (as upstream as possible, e.g. from original project website)

- Save the package on my computer

- Note the download URL for later

- Upload package in FOSSology (Upload from file)

- Scan the package

It's curation time

| Display | 50 ⌄ | files (**tree view** or flat) | | | [_____] Clear | | Display | 25 ⌄ | licenses |

[_____] Clear

Files	Scanner Results (N: nomos, M: monk, Nk: ninka, I: reportImport, O: ojo, S: scancode, Sp: spasht, Rs: reso)	Edited Results	Clearing Status	Cleared / Open / Total	Actions ☐
agent	FSFULLR, GPL-3.0+, LicenseRef-scancode-fsf-unlimited-no-warranty, No_license_found		🔴	0 / 26 / 27	[Tag][Edit][Bulk]☐
am/cmacros.am	GPL-3.0+ [N][S: 100%]		🔴	0 / 1 / 1	[View][Info] [Download][Tag] [Edit]☐
build-aux	Autoconf-exception, blessing, BSD-3-Clause, bzip2-1.0.6, Dual-license, FSFAP, FSFULLR, GPL, GPL-1.0+, GPL-2.0, GPL-2.0+, GPL-3.0, GPL-3.0+, JSON, LGPL, LGPL-2.0+, LGPL-2.1+, LGPL-3.0+, LicenseRef-scancode-autoconf-simple-exception, LicenseRef-scancode-autoconf-simple-exception-2.0, LicenseRef-scancode-free-unknown, LicenseRef-scancode-fsf-unlimited-no-warranty, LicenseRef-scancode-public-domain, LicenseRef-scancode-tex-exception, LicenseRef-scancode-unknown-license-reference, MIT, No_license_found, Public-domain, Public-domain-ref, TeX-exception, WebM, X11, Zlib		🔴	0 / 23 / 34	[Tag][Edit][Bulk]☐
common	AGPL-3.0+, BSD, BSD-3-Clause, BSD-style, Dual-license, FSFULLR, GPL-1.0+, GPL-2.0+, GPL-2.0-with-autoconf-exception, GPL-3.0+, LGPL-2.0+, LGPL-2.1, LGPL-2.1+, LGPL-3.0, LGPL-3.0+, LicenseRef-scancode-fsf-unlimited-no-warranty, LicenseRef-scancode-generic-exception, LicenseRef-scancode-unknown-license-reference, No_license_found		🔴	0 / 142 / 145	[Tag][Edit][Bulk]☐
dirmngr	Apache-2.0, Dual-license, FSFULLR, GPL, GPL-1.0+, GPL-2.0+, GPL-3.0+, LGPL-3.0+, LicenseRef-scancode-bsd-original-uc-1986, LicenseRef-scancode-fsf-unlimited-no-warranty, LicenseRef-scancode-public-domain, MIT, No_license_found, OLDAP, OLDAP-2.8, Public-domain		🔴	0 / 65 / 69	[Tag][Edit][Bulk]☐

Scanner Count ▾	Concluded License Count ▾	License Name ⓘ ▾
501	0	GPL-3.0+
136	0	GPL-2.0+
115	0	LGPL-3.0+
109	0	FSFULLR
91	0	Dual-license
77	0	LicenseRef-scancode-fsf-unlimited-no-warranty
45	0	GPL-1.0+
24	0	LGPL-2.1+
14	0	See-URL
14	0	Autoconf-exception
13	0	LicenseRef-scancode-unknown-license-reference
13	0	LicenseRef-scancode-free-unknown
12	0	LicenseRef-scancode-public-domain
12	0	LicenseRef-scancode-autoconf-simple-exception-2.0
11	0	GPL
10	0	Public-domain

-- filter for scan results -- ⌄   -- filter for edited results -- ⌄   ☐ Open   Edit Decisions

Finished, almost ...

- There may be some files that are not easy to be concluded, e.g.

Finished, almost ...

- There may be some files that are not easy to be concluded, e.g.

I have questions

- There may be some files that are not easy to be concluded, e.g.

How to handle CC-BY-SA-4.0 and its attribution?

We need to talk

- There may be some files that are not easy to be concluded, e.g.

... I need help

Von: Astrid Spura <aspura@osadl.org> *aspura@osadl.org*
An: Oliver Fendt <oliver.fendt@fossea.de>
Betreff: OSSelot curation contribution - Package gnupg2-2.2.40

Hi Oliver,

I am almost done with the curation of the gnupg2 package. However, there is one file
I need help with. Could you please have a look into FOSSology?

In gnupg-2.2.40/doc/whats-new-in-2.1.txt the scanner rightly found CC-BY-SA-4.0
license which I concluded, but how should I handle the information requirements of
the license? Shall I use the Acknowledgement field in order to insert required
information there? How would this look like?

Thanks for your help
Astrid

No worries – I will support you

Folder: **Software Repository/ aspura/**
gnupg2_2.2.40.orig.tar.bz2/gnupg2_2.2.40.orig.tar/gnupg-2.2.40/doc

Software Heritage | License Browser | File Browser | Spasht | Copyright | ECC | Email/URL/

whats-new-in-2.1.txt	CC-BY-SA-4.0 [N][S: 100%], LicenseRef-scancode-fsf-notice [S: 100%]	CC-BY-SA-4.0	●	0 / 1 / 1
wks.texi	No_license_found [N][S]		●	0 / 0 / 1
yat2m.c				1 / 1 / 1

Dear Astrid,

thank you for your message, I will take a look and provide feedback.

Warm regards

Oliver

Acknowledgements for CC-BY licenses

Dear Astrid,

no worries about the attribution. As you rightfully mentioned you can do attributions with the help of the acknowlegment field in Fossology. As far as I understood the CC-BY licenses you need to provide the following data in the attribution text - acknowledgment.
- name of the creator
- copyright notice
- license notice
- disclaimer
- link to the material
- and in case you changed the work you must indicate that you modified the material
In this case the following might be sufficient:
This software includes copyrighted material from the GnuPG Project, Copyright 2014--2017 The GnuPG Project.
This material is licensed under CC-BY-SA-4.0. The license document is available in this document and at
https://creativecommons.org/licenses/by-sa/4.0/
For further details please have a look at the file "whats-new-in-2.1.txt in the source code package of GnuPG
under doc or at https://git.gnupg.org/cgi-bin/gitweb.cgi?p=gnupg.git;a=blob;f=doc/whats-new-in-
2.1.txt;h=1ea68dc2dfd0245d00c82b8f09b3a734cb07a526;hb=HEAD
Disclaimer of Warranties and Limitation of Liability.
Unless otherwise... (put here the disclaimer of Warranties and the Limitation of Liability from the license
text)

Warm regards
Oliver

Almost there: Curate to-be-discussed files

Clearing decision scope

☐ Apply decision to all future occurrences of this file ⓘ

Clearing decision type

○ No license known ⓘ
○ To be discussed ⓘ
○ Irrelevant ⓘ
● Identified ⓘ
○ Do not use ⓘ
○ Non functional ⓘ

Enter Content

Please enter the text phrase:

This software includes copyrighted material from the GnuPG Project, Copyright 2014--2017 The GnuPG Project. This material is licensed under CC-BY-SA-4.0. The license document is available in this document and at https://creativecommons.org/licenses/by-sa/4.0/

| Select from Notice File | Cancel | Ok |

Action ⓘ ▲	License ⓘ	Source ⓘ	License Text ⓘ	Acknowledgement ⓘ	Comment ⓘ
➕ ☆	LicenseRef-scancode-fsf-notice	scancode: #1 (100 %)	-	-	-
✖ ☆	CC-BY-SA-4.0	nomos: #1 scancode: #1 (100 %) User decision	Click to add	This software i...	Click to add

Showing 1 to 2 of 2 entries

All green, all clear

Display [▾] files (**tree view** or flat)   [Clear]   Display [25 ▾] licenses   [Clear]

	-- filter for scan results -- ▾	-- filter for edited results -- ▾	☐ Open	Cleared / Open / Total	Edit Decisions
Files ▲	**Scanner Results** (N: nomos, M: monk, Nk: ninka, I: reportImport, O: ojo, S: scancode, Sp: spasht, Rs: reso)	**Edited Results**	**Clearing Status**		**Actions** ☐
agent	FSFULLR, GPL-3.0+, LicenseRef-scancode-fsf-unlimited-no-warranty, No_license_found	GPL-3.0+, FSFULLRWD	🟢	26 / 26 / 27	[Tag][Edit][Bulk]☐
am/cmacros.am	GPL-3.0+ [N][S: 100%]	GPL-3.0+	🟢	1 / 1 / 1	[View][Info] [Download][Tag] [Edit]☐
build-aux	Autoconf-exception, blessing, BSD-3-Clause, bzip2-1.0.6, Dual-license, FSFAP, FSFULLR, GPL, GPL-1.0+, GPL-2.0, GPL-2.0+, GPL-3.0, GPL-3.0+, JSON, LGPL, LGPL-2.0+, LGPL-2.1+, LGPL-3.0+, LicenseRef-scancode-autoconf-simple-exception, LicenseRef-scancode-autoconf-simple-exception-2.0, LicenseRef-scancode-free-unknown, LicenseRef-scancode-fsf-unlimited-no-warranty, LicenseRef-scancode-public-domain, LicenseRef-scancode-tex-exception, LicenseRef-scancode-unknown-license-reference, MIT, No_license_found, Public-domain, Public-domain-ref, TeX-exception, WebM, X11, Zlib	GPL-3.0+, X11, Zlib, Public-domain, FSFAP, FSFULLR, GPL-2.0-or-later WITH Autoconf-exception, GPL-3.0-or-later WITH Autoconf-exception, GPL-3.0-or-later WITH TeX-exception, FSFULLRWD	🟢	23 / 23 / 34	[Tag][Edit][Bulk]☐
common	AGPL-3.0+, BSD, BSD-3-Clause, BSD-style, Dual-license, FSFULLR, GPL-1.0+, GPL-2.0+, GPL-2.0-with-autoconf-exception, GPL-3.0+, LGPL-2.0+, LGPL-2.1, LGPL-2.1+, LGPL-3.0, LGPL-3.0+, LicenseRef-scancode-fsf-unlimited-no-warranty, LicenseRef-scancode-generic-exception, LicenseRef-scancode-unknown-license-reference, No_license_found	GPL-2.0+, GPL-3.0+, LGPL-2.1+, LGPL-3.0+, BSD-3-Clause, Dual-license, GPL-2.0-or-later WITH Autoconf-exception, FSFULLRWD	🟢	142 / 142 / 145	[Tag][Edit][Bulk]☐
dirmngr	Apache-2.0, Dual-license, FSFULLR, GPL, GPL-1.0+, GPL-2.0+, GPL-3.0+, LGPL-3.0+, LicenseRef-scancode-bsd-original-uc-1986, LicenseRef-scancode-fsf-unlimited-no-warranty, LicenseRef-scancode-public-domain, MIT, No_license_found, OLDAP, OLDAP-2.8, Public-domain	GPL-2.0+, GPL-3.0+, LGPL-3.0+, MIT, OLDAP-2.8, Dual-license, Public-domain, FSFULLRWD	🟢	65 / 65 / 69	[Tag][Edit][Bulk]☐

Scanner Count ▾	Concluded License Count ▾	License Name ▾ ⓘ
501	500	GPL-3.0+
136	123	GPL-2.0+
115	108	LGPL-3.0+
109	27	FSFULLR
91	110	Dual-license
77	0	LicenseRef-scancode-fsf-unlimited-no-warranty
45	0	GPL-1.0+
24	20	LGPL-2.1+
14	0	See-URL
14	0	Autoconf-exception
13	0	LicenseRef-scancode-unknown-license-reference
13	0	LicenseRef-scancode-free-unknown
12	0	LicenseRef-scancode-public-domain
12	0	LicenseRef-scancode-autoconf-simple-exception-2.0
11	0	GPL
10	4	Public-domain

Copyright notices look good

Activated FOSSology Findings statements:

Show [50 ▼] entries   Search: [   ]

Count ▾	FOSSology Findings	▾		☐
111	Copyright (C) 2016 g10 Code GmbH		✖	☐
48	Copyright (C) 2007 Free Software Foundation Inc.		✖	☐
36	Copyright (C) 2009 Free Software Foundation Inc.		✖	☐
26	Copyright (C) 2015 g10 Code GmbH		✖	☐
22	Copyright (C) 2014 Werner Koch		✖	☐
22	Copyright (C) 2004 Free Software Foundation Inc.		✖	☐
20	Copyright (C) 2008 Free Software Foundation Inc.		✖	☐
20	Copyright (C) 1994-2020 Free Software Foundation Inc.		✖	☐
19	Copyright (C) 2017 g10 Code GmbH		✖	☐
15	Copyright (C) 2020 g10 Code GmbH		✖	☐
15	Copyright (C) 2016 Bundesamt für Sicherheit in der Informationstechnik		✖	☐
15	Copyright (C) 2011 Free Software Foundation Inc.		✖	☐
12	Copyright (C) 2015 Werner Koch		✖	☐
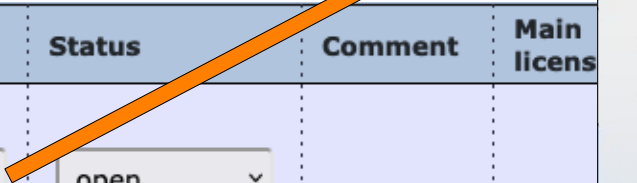
Export reports

Upload Name and Description	Action	Status	Comment	Main licens
☐ **gnupg2_2.2.40.orig.tar.bz2** *COOL_Presentation*	-- select action --	open		

Showing 1 to 1 of 1 entries

Select **Whole folder** to run: CLIXML generation   ReadME_OSS generation   SPDX2 gene

-- select action --
File Browser
View
Conf
Info
Compare
Copyright/Email/Url
Download
Export CLIXML
Export CSV report (SPDX)
Export DEP5 report
Export ReadMe_OSS
Export SPDX RDF report
✓ Export SPDX tag:value report
Export Unified Report
Import Report
Licenses
Tag
History

1. ReadMe_OSS (OSS disclosure report)
2. SPDX tag:value report

Hands-on post processing

- Some post processing must be done to ensure consistency and compliance in documentation.

- Some can be easily scripted, some must be done manually.

- Files must be fitted to naming convention:

  - [package name]-[version number]-SPDX2TV.spdx → gnupg2-2.2.40-SPDX2TV.spdx

  - [package name]-[version number]-OSS-disclosure.txt → gnupg2-2.2.40-OSS-disclosure.txt

Post processing: Example "Creator"

```
12  ##-------------------------
13  ## Creation Information
14  ##-------------------------
15
16  Creator: Tool: spdx2
17  Creator: Person: aspura
    (aspura@osadl.org)
18  CreatorComment: <text>
19  This document was created using
    license information and a
    generator from Fossology.
20  </text>
21  Created: 2024-03-07T08:57:19Z
22  LicenseListVersion: 2.6
23
24  ##-------------------------
25  ## Package Information
```

- Replace "username" with clear name of creator
- Contact information like email address is voluntary

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Post processing: Example "Creator"

```
12   ##------------------------------
13   ## Creation Information
14   ##------------------------------
15
16   Creator: Tool: spdx2
17   Creator: Person: aspura
     (aspura@osadl.org)
18   CreatorComment: <text>
19   This document was created using
     license information and a
     generator from Fossology.
20   </text>
21   Created: 2024-03-07T08:57:19Z
22   LicenseListVersion: 2.6
23
24   ##------------------------------
25   ## Package Information
```

```
12   ##------------------------------
13   ## Creation Information
14   ##------------------------------
15
16   Creator: Tool: spdx2
17   Creator: Person: Astrid Spura
     (aspura@osadl.org)
18   CreatorComment: <text>
19   This document was created using
     license information and a
     generator from Fossology.
20   It contains the license and
     copyright analysis of gnupg2-
     2.2.40
21   Please check "LicenseComments"
     for explanations of concluded
     licenses
```

Replaced "aspura" with clear name "Astrid Spura"
(contact data voluntary)

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Post processing: Example "Dual license"

```
     b5a6e4a4e6a03bc1a08d42efca52eb8
     ef3e055de034ac019755040b153ecef
     f6
150  FileChecksum: MD5:
     48e3f36a060d7f26b501e78408f02c1
     4
151  LicenseConcluded: GPL-2.0+ AND
     LGPL-3.0+ AND LicenseRef-BSD-3-
     Clause-
     e0455a392ce95ba09b5df20d37208ab
     5 AND LicenseRef-Dual-license-
     07513a15837ea90a8e37b791307891e
     6
152  LicenseComments:
     <text>NOASSERTION AND
     NOASSERTION AND NOASSERTION AND
     The information in the file is:
```

- Remove "LicenseRef-Dual-license"
- Have a look into source code file and replace "AND" operator with "OR" operator, if applicable

Example: Multi-license info in source code file

```
*
* GnuPG is free software; you can redistribute and/or modify this
* part of GnuPG under the terms of either
*
* - the GNU Lesser General Public License as published by the Free
* Software Foundation; either version 3 of the License, or (at
* your option) any later version.
*
* or
*
* - the GNU General Public License as published by the Free
* Software Foundation; either version 2 of the License, or (at
* your option) any later version.
*
*
* ALTERNATIVELY, this file may be distributed under the terms of the
* following license, in which case the provisions of this license are
* required INSTEAD OF the GNU Lesser General License or the GNU
* General Public License. If you wish to allow use of your version of
* this file only under the terms of the GNU Lesser General License or
* the GNU General Public License, and not to allow others to use your
* version of this file under the terms of the following license,
* indicate your decision by deleting this paragraph and the license
* below.
*
```

LGPL-3.0-or-later

OR

GPL-2.0-or-later

OR

BSD-3-Clause

→ Followed by the license text of the BSD-3-Clause

Post Processing: Example "Dual license"

Removed LicenseRef-Dual-license string and replaced "AND" operators with "OR" operators

Left panel:
```
          b5a6e4a4e6a03bc1a08d42efca52eb8
          ef3e055de034ac019755040b153ecef
          f6
150       FileChecksum: MD5:
          48e3f36a060d7f26b501e78408f02c1
          4
151       LicenseConcluded: GPL-2.0+ AND
          LGPL-3.0+ AND LicenseRef-BSD-3-
          Clause-
          e0455a392ce95ba09b5df20d37208ab
          5 AND LicenseRef-Dual-license-
          07513a15837ea90a8e37b791307891e
          6
152       LicenseComments:
          <text>NOASSERTION AND
          NOASSERTION AND NOASSERTION AND
          The information in the file is:
```

Right panel:
```
          b5a6e4a4e6a03bc1a08d42efca52eb8
299       FileChecksum: MD5:
          48e3f36a060d7f26b501e78408f02c1
          4
300       LicenseConcluded: LicenseRef-
          GPL-2.0-or-later OR LicenseRef-
          LGPL-3.0-or-later OR
          LicenseRef-BSD-3-Clause-
          e0455a392ce95ba09b5df20d37208ab
          5
301       LicenseComments:
          <text>NOASSERTION AND
          NOASSERTION AND NOASSERTION AND
          The information in the file is:
302       "GnuPG is free software; you
```

Post Processing – Example "Third-party info"

- Sometimes a package includes third-party information.

- Typical file names that can contain such third-party information are COPYING, LICENSE, NOTICE, THIRD-PARTY ...

- If applicable, the OSSelot project provides such third-party information in the SPDX tag:value report.

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Post Processing – Example "Third-party info"

Packages with "THIRD-PARTY-NOTICE" files

Some packages provide files in which they list the license of included software or software which is needed to run the built package. In most of the cases the files are called "THIRD-PARTY-NOTICE" or similar. According to our experience such files get/are outdated in most of the cases. We discussed with a lawyer how to treat the content of such files. The lawyer's statement was, that we should provide the content of such files unmodified in the created artifacts, although they might be outdated and/or incomplete. Based on this advice we follow currentl the below listed approach: We provide the entire content of such files in the element "PackageLicenseComments:" in the SPDX file:

> PackageLicenseComments: licenseInfoInFile determined by Scanners:

Third-party information in a file (extract)

Folder: Software Repository/ aspura/
gnupg2_2.2.40.orig.tar.bz2/gnupg2_2.2.40.orig.tar/gnupg-2.2.40/COPYING.other

```
# COPYING.other -*- org -*-
#+TITLE: List of code with permissive licenses as used by GnuPG.
#+STARTUP: showall

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.
--------------------------------------------------------------------------
Copyright (c) 2008, 2009, 2010, 2012-2016 William Ahern

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:
```

Post Processing – Example "Third-party info"

- Provide third-party information in the SPDX tag:value report in tag "PackageLicenseComments".

- The text should start with the comment "Additional information found in <full path/file name>:".

- Included text should be separated by starlet lines.

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Post Processing – Example "Third-party info"

```
39  PackageLicenseComments: <text>
    licenseInfoInFile determined by
    Scanners:
40   - nomos ("4.1.0.95".82b3b2)
41   - monk ("4.1.0.95".82b3b2)
42   - ojo ("4.1.0.95".82b3b2)
43   - scancode ("4.1.0.95".82b3b2) </text>
44  PackageLicenseInfoFromFiles:
    NOASSERTION
45  PackageCopyrightText: NOASSERTION
46
47  Relationship: SPDXRef-DOCUMENT
    DESCRIBES SPDXRef-upload733
48
49
50  ##-------------------------
51  ## File Information
52  ##-------------------------
53
54  ##File
```

```
41  PackageLicenseComments: <text>
    li
42   - n
43   - monk ("4.1.0.95".82b3b2)
44   - ojo ("4.1.0.95".82b3b2)
45   - scancode ("4.1.0.95".82b3b2)
46  ******************************************
    ******************************************
47  Additional information found in: gnupg-
    2.2.40/COPYING.other
48  # COPYING.other -*- org -*-
49  #+TITLE: List of code with permissive
    licenses as used by GnuPG.
50  #+STARTUP: showall
51
52  * DNS resolver (dirmngr/dns.c)
53
209 ******************************************
    ******************************************
210 </text>
```

Placed third-party information as text in tag "PackageLicenseComments" separated by starlet lines*

* Text truncated

More file formats, please!

- FOSSology export consists of
  - ReadMe_OSS (OSS disclosure report) ✓
  - SPDX tag:value report ✓

- OSSelot provides more file formats such as
  - SPDX json file
  - SPDX rdf.xml file
  - SPDX yaml file

Validate and convert SPDX tag:value report

- SPDX Online Tool
(https://tools.spdx.org/app)

- Provides a portal to upload, validate and convert SPDX files.

- First validate, then convert.

- Please note:
Use Command Line Tools for files > approx. 5 MB
(https://github.com/spdx/tools-java)

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SPDX Online Tool   About   **Validate**   Compare   Convert   Check License   License XML Editor   NTIA Conformance Checker   License requests ▾

SPDX   ⇥ Login

Tag-Value, RDF, JSON, Spreadsheet, XML SPDX Document

File Type [Tag/Value ⌄]

Upload file using the button or by dragging and dropping onto the dashed region

Select file

Selected File: gnupg2-2.2.40-SPDX2TV.spdx

Validate

Success! ✕

This SPDX Document is valid.

Close

Tag-Value, RDF, JSON, Spreadshe

File Type   Tag/Value ⌄

Upload file using the button or by dragging and dropping onto the dashed region

Select file

Selected File: gnupg2-2.2.40-SPDX2TV.spdx

Validate

SPDX Online Tool   About   Validate   Compare   Convert   Check License   License XML Editor   NTIA Conformance Checker   License requests ▾

SPDX   → Login

Convert to other SPDX format

From [Tag/Value ⌄]   To [JSON ⌄]

Upload SPDX TAG Document using the button or by dragging and dropping onto the dashed region

Select file

Selected File: gnupg2-2.2.40-SPDX2TV.spdx

Converted File Name   [gnupg2-2.2.40.spdx]

.json

Convert

Convert to other SPD

Success!   ×

⬇ **Download file now**

Close

From | Tag/Value ⌄ | To | JSON ⌄ |

Upload SPDX TAG Document using the button or by dragging and dropping onto the dashed region

Select file

Selected File: gnupg2-2.2.40-SPDX2TV.spdx

Converted File Name | gnupg2-2.2.40.spdx |

.json

Convert

Still one file left

- FOSSology export consists of
  - ReadMe_OSS (OSS disclosure report) ✓
  - SPDX tag:value report ✓
- OSSelot provides more file formats such as
  - SPDX json file ✓
  - SPDX rdf.xml file ✓
  - SPDX yaml file ✓
- Readme file

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Create Readme file

- Download Location (as noted earlier)
- Package URL (purl)
- Creator
- Reviewers will be completed by reviewer
- Comment (if applicable)

```
1 ▾ ## Download Location
2
3   http://ftp.debian.org/debian/pool/main/g/gnupg2/
4
5 ▾ ## Package URL (purl)
6
7   pkg:generic/gnupg2_2.2.40.orig.tar.bz2?
    download_url=http://ftp.debian.org/debian/pool/main/g/gnupg2/
8
9 ▾ ## Creator
10
11   Astrid Spura
12
13 ▾ ## Reviewers
14
15   The information was reviewed by:
16
17
18
19 ▾ ## Comment
20
```

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All artifacts are ready to commit

- FOSSology export consists of
  - ReadMe_OSS (OSS disclosure report) ✓
  - SPDX tag:value report ✓

- OSSelot provides more file formats such as
  - SPDX json file ✓
  - SPDX rdf.xml file ✓
  - SPDX yaml file ✓
- Readme file ✓

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Commit, Push and Pull Request

- Commit and push all artifacts in own fork in Github

> **aspura** commented last month   (Contributor) ···
>
> Created following artifacts of new curated package gnupg2-version-2.2.40:
> gnupg2-2.2.40-SPDX2TV.spdx
> gnupg2-2.2.40-OSS-disclosure.txt
> gnupg2-2.2.40.spdx.json
> gnupg2-2.2.40.spdx.rdf.xml
> gnupg2-2.2.40.spdx.yaml
> README.md
>
> Signed-off-by: Astrid Spura (aspura@osadl.org)
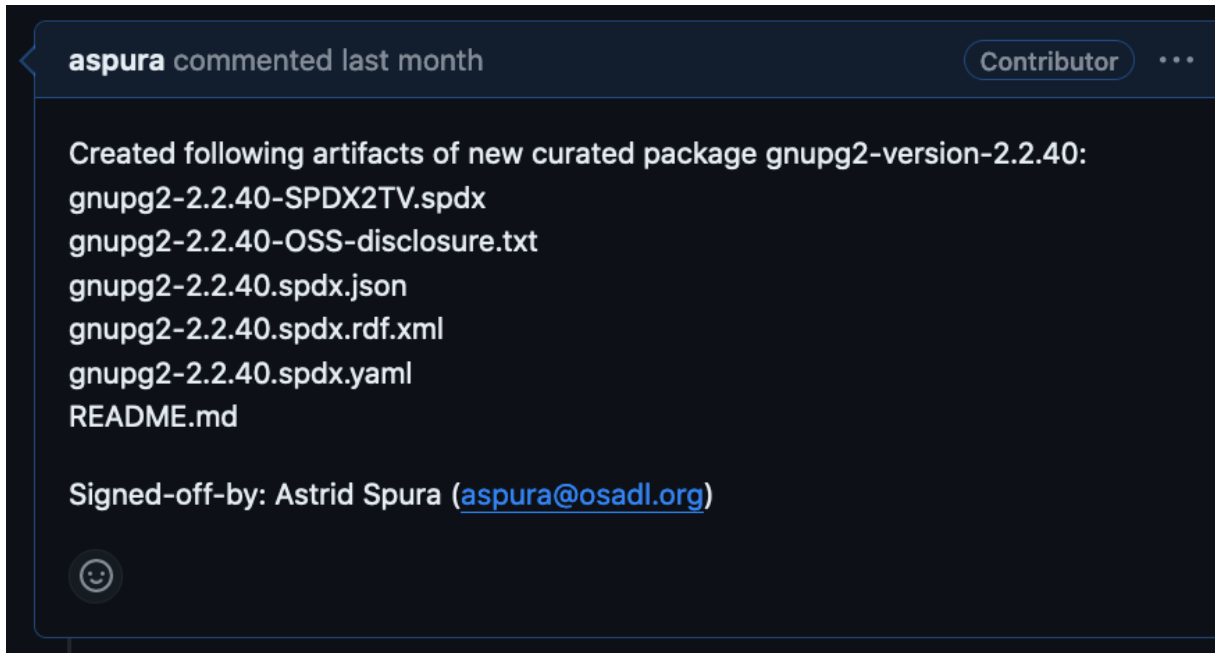
- Create Pull Request including "Signed-off-by:" (https://github.com/Open-Source-Compliance/package-analysis/blob/main/CONTRIBUTING.md)

Please review!

Von: Astrid Spura <aspura@osadl.org> *aspura@osadl.org*

An: Oliver Fendt <oliver.fendt@fossea.de>

Betreff: OSSelot curation contribution - Package gnupg2-2.2.40

Normaler Text | Feste Breite | **B** *I* <u>U</u> | AA ⌄ A↓ A↑ | ☰ ⌄

Hi Oliver,

I am happy to anncounce that I have finished the curation of the gnupg2-2.2.40
package. The artifacts have been commited and I have sent a pull request via
Github. Please review.

Thanks & best regards,
Astrid

Final work – bringing the Pull Request in shape

analysed-packages/gnupg2/version-2.2.40/README.md

...	...	@@ -0,0 +1,20 @@
	1	+ ## Download Location
	2	+
	3	+ http://ftp.debian.org/debian/pool/main/g/gnupg2/

OliverFendt last month

Please provide the exact download link

☺

```
Dear Astrid,

great contribution, I will check it and
provide feedback.
Thank you very much

Warm regards

Oliver
```

Last but not least – adding the reviewer

Created artifacts of curated package gnupg2-version-2.2.40

Merged OliverFendt merged 6 commits into `Open-Source-Compliance:main` from `aspura:main` ⧉ 2 weeks ago

💬 Conversation 11 | ⊶ Commits 6 | ☑ Checks 1 | ± Files changed 6

Changes from 1 commit ▾ File filter ▾ Conversations ▾ Jump to ▾ ⚙ ▾

✕ **Adding the Reviewer**

⌥ main (#69)

🖥 **OliverFendt** committed last month (Verified)

⌄ ⇕ 3 ▣▣▢▢ analysed-packages/gnupg2/version-2.2.40/README.md ⧉

```
         @@ -14,8 +14,7 @@ Astrid Spura
14   14
15   15    The information was reviewed by:
16   16
17      -  * add reviewer here
18      -
     17  +  * Oliver Fendt
19   18    ## Comment
20   19
```

Two heads are better than one

- Make corrections and commit again


```
1 ▼  ## Download Location
2
3    https://ftp.debian.org/debian/pool/m
     ain/g/gnupg2/
4
5 ▼  ## Package URL (purl)
6
7    pkg:generic/gnupg2@2.2.40.orig.tar.b
     z2?
     download_url=http://ftp.debian.org/d
     ebian/pool/main/g/gnupg2/
8
9 ▼  ## Creator
10
```

```
1 ▼  ## Download Location
2
3    https://ftp.debian.org/debian/pool/m
     ain/g/gnupg2/gnupg2_2.2.40.orig.tar.
     bz2
4
5 ▼  ## Package URL (purl)
6
7    pkg:generic/debian/gnupg2@2.2.40.ori
     g?
     download_url=https://ftp.debian.org/
     debian/pool/main/g/gnupg2/gnupg2_2.2
     .40.orig.tar.bz2
8
```

I did it!
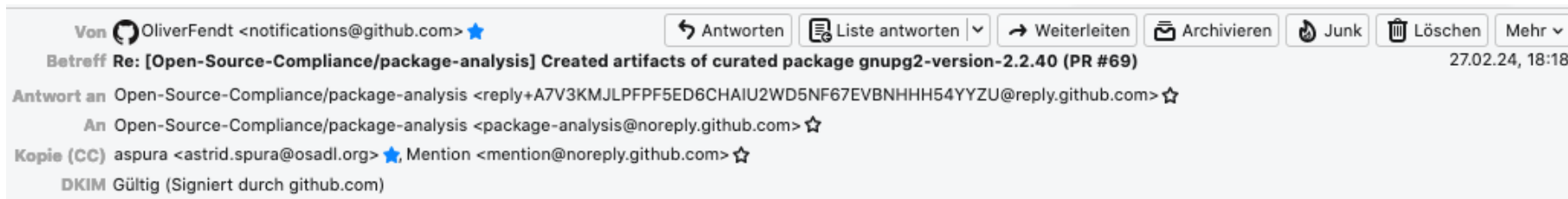
Ready to use from osselot.org

Curation status

Modified 2 days ago

A total of 340 (210 unique) packages and 1,492,464 files analyzed

Show package URLs

Click on a package name to expand analyzed versions.

Package expand all	Files in package
gnupg2	
gnupg2/gnupg2-2.2.40	1,145
gnutls	

Thank you for your attention

Please find more information on OSSelot and
how to contribute to it on our

Project website: https://www.osselot.org
Project wiki: https://wiki.osselot.org
Github project repo: https://github.com/Open-Source-Compliance/package-analysis/blob/main/README.md

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