

FOSSLight Hub 리뷰 자동화

LG전자 Open Source TP 민경선

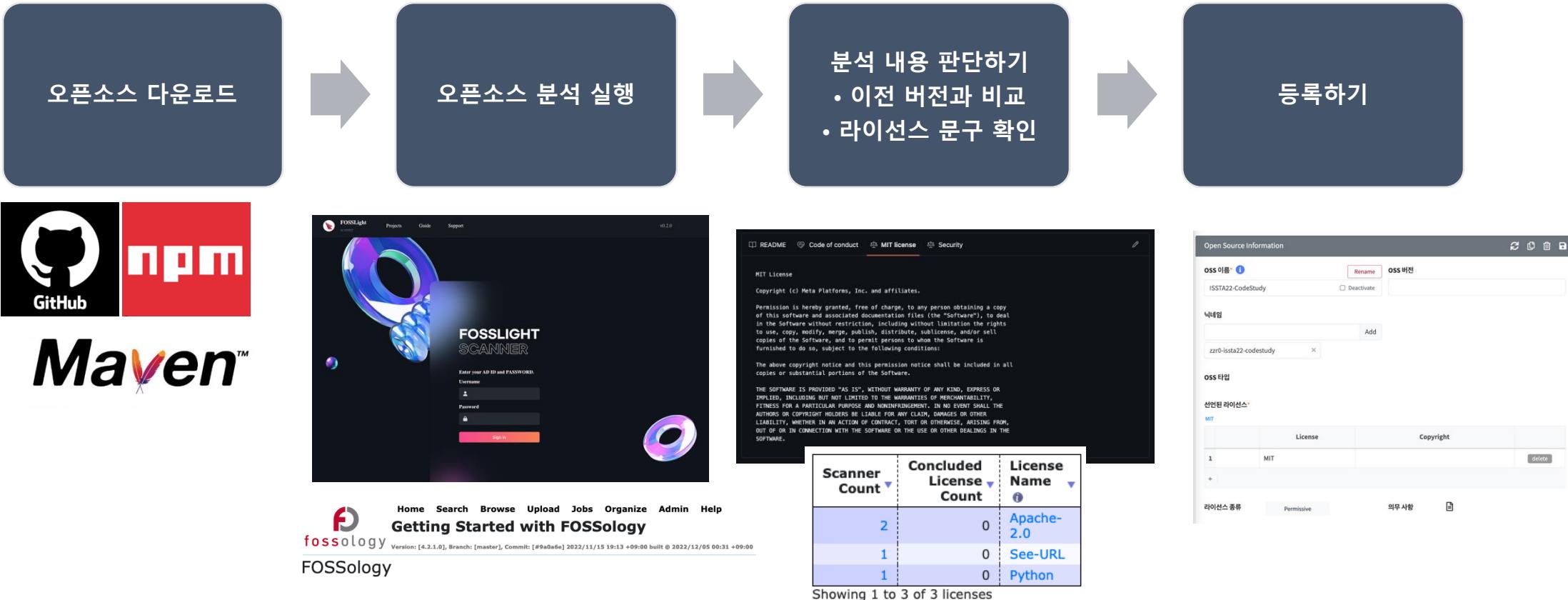


LG Open Source

CONTENTS

- CoReviewer
- CoReviewer - 자동 Confirm
- Packaging - Path 자동 검출
- Upcoming FOSSLight Hub

CoReviewer 이전의 리뷰 방식

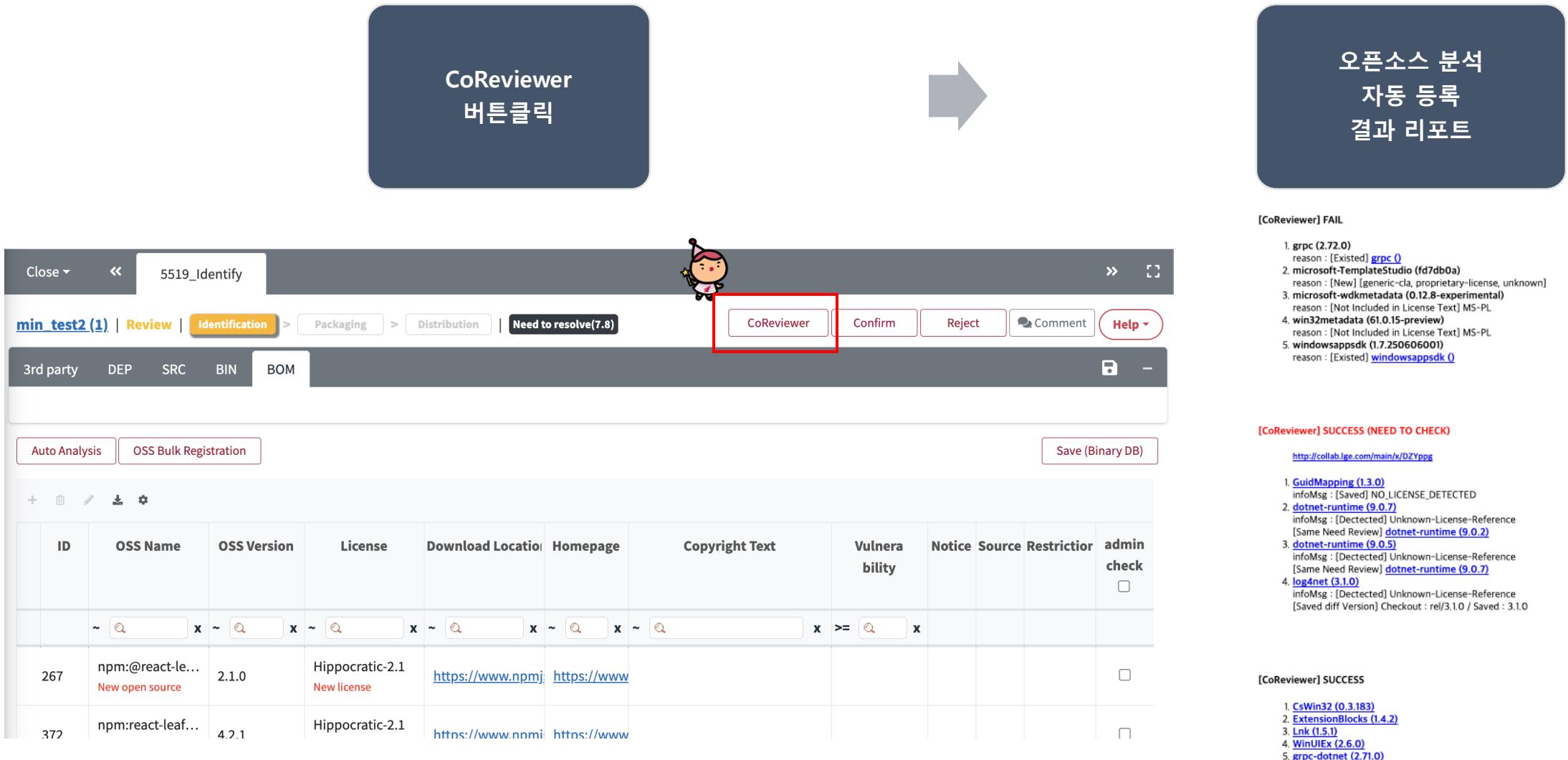


CoReviewer 도입

- 오픈소스 리뷰의 자동화 도입



CoReviewer 실행 방법



CoReviewer 결과 리포트

[CoReviewer] FAIL

등록 실패

1. [grpc \(2.72.0\)](#)
reason : [Existed] [grpc \(\)](#)
2. [microsoft-TemplateStudio \(fd7db0a\)](#)
reason : [New] [generic-cla, proprietary-license, unknown]
3. [microsoft-wdkmetadata \(0.12.8-experimental\)](#)
reason : [Not Included in License Text] MS-PL
4. [win32metadata \(61.0.15-preview\)](#)
reason : [Not Included in License Text] MS-PL
5. [windowsappsdk \(1.7.250606001\)](#)
reason : [Existed] [windowsappsdk \(\)](#)

[CoReviewer] SUCCESS (NEED TO CHECK)

등록 성공, 검토
필요

1. [GuidMapping \(1.3.0\)](#)
infoMsg : [Saved] NO_LICENSE_DETECTED
2. [dotnet-runtime \(9.0.7\)](#)
infoMsg : [Detected] Unknown-License-Reference
[Same Need Review] [dotnet-runtime \(9.0.2\)](#)
3. [dotnet-runtime \(9.0.5\)](#)
infoMsg : [Detected] Unknown-License-Reference
[Same Need Review] [dotnet-runtime \(9.0.7\)](#)
4. [log4net \(3.1.0\)](#)
infoMsg : [Detected] Unknown-License-Reference
[Saved diff Version] Checkout : rel/3.1.0 / Saved : 3.1.0

[CoReviewer] SUCCESS

등록 성공

1. [CsWin32 \(0.3.183\)](#)
2. [ExtensionBlocks \(1.4.2\)](#)
3. [Link \(1.5.1\)](#)
4. [WinUIEx \(2.6.0\)](#)
5. [grpc-dotnet \(2.71.0\)](#)
6. [WinUI-Gallery \(2.6.0\)](#)
7. [serilog \(4.3.0\)](#)

CoReviewer를 통해 등록된 OSS

- 분석 결과를 확인 할 수 있도록 comment 제공

The screenshot displays the LG Electronics Open Source Program Office interface. It shows two entries for Open Source Information:

- gin**: OSS Name, Version 1.10.1, License MIT.
- nim-uikit-ios**: OSS Name, Version 9.7.4, License MIT.

For each entry, there is a red box highlighting a "Comment" window. The first comment is for the "gin" entry:

```
#current_version  
OSPO 2025-10-01 10:25:53  
[CoReviewer]  
[PRJ-11914]  
[민경선/책임연구원/SW공학(연)Open Source TP(kyungsun.min)]  
  
[Scancode License Analysis]  
Declared License: mit(1)  
Full scan: mit(92) bsd-new(4)  
Need Review:  
  
[Copyright (Full Top 3)]  
Copyright 2014 Manu Martinez-Almeida  
Copyright 2017 Manu Martinez-Almeida  
Copyright 2019 Gin Core Team
```

The second comment is for the "nim-uikit-ios" entry:

```
#current_version  
OSPO 2025-09-24 13:28:17  
[CoReviewer]  
[PRJ-12147]  
[최혜성/책임연구원/SW공학(연)Open Source TP(hyesung.choi)]  
  
[Need to Check]  
  
[Empty] License Text  
  
[Scancode License Analysis]  
Declared License:  
Full scan: mit(1101)  
Need Review:  
  
[Copyright (Full Top 3)]  
Copyright (c) 2022 NetEase Inc.  
Copyright (c) 2017 Kazuhiro Hayashi  
Copyright (c) 2015-2019 Charles Scalesse
```

등록 실패 케이스 저장 방법

- 분석된 결과를 저장할 수 있는 UI 제공

| Title | Result | OSS Name | OSS Version | OSS NickName | Declared License Name | Copyright | Download Location | Homepage | Description | Comment |
|--------------------------------|--------|-------------------------------------|----------------------|--------------------------------|------------------------|--------------------------------|--|---|-------------|--|
| ↳ 취합정보 | | binaryornot | 0.4.3 New version | pypi:binaryornot | bsd-new New license | Copyright (c) 2013, Audrey Roy | https://pypi.org/project/binaryornot , https://pypi.org/project/binaryornot/ | https://github.com/binaryornot/bi... | | [Scancode License Analysis] Declared L |
| ↳ binaryornot (0.4.4) 최신 등록 정보 | | binaryornot | 0.4.3 New version | pypi:binaryornot | BSD-3-Clause | | https://pypi.org/project/binaryornot , https://pypi.org/project/binaryornot/ | https://pypi.org/project/binaryorn... | | [Scancode License Analysis] Declared L |
| ↳ 사용자 작성 정보 | | pypi:binaryornot New open source | 0.4.3 | pypi:binaryornot Duplicate. | 0BSD | | https://pypi.org/project/binaryornot OSS with the similar link already exists. | https://github.com/binaryornot/bi... | | [Scancode License Analysis] Declared L |
| ↳ License text파일 분석 결과 | | binaryornot | 0.4.3 New version | pypi:binaryornot | bsd-new New license | | https://pypi.org/project/binaryornot , https://pypi.org/project/binaryornot/ | https://github.com/binaryornot/bi... | | [Scancode License Analysis] Declared L |
| ↳ Scancode 분석 결과 | | binaryornot | 0.4.3 New version | pypi:binaryornot | bsd-new New license | Copyright (c) 2013, Audrey Roy | https://pypi.org/project/binaryornot , https://pypi.org/project/binaryornot/ | https://github.com/binaryornot/bi... | | [Scancode License Analysis] Declared L |

Page 1 of 1 15

Count: 1

Title
취합정보

OSS Name ⓘ
binaryornot

OSS Version
0.4.3
New version

Nickname
 Add
pypi:binaryornot

Vulnerability Info >

Declared License
bsd-new

| | License | Copyright | |
|----|---------|-----------|---------------------------------------|
| 1. | bsd-new | | <input type="button" value="delete"/> |

+ |

Detected License
 Add

Restriction

Copyright
Copyright (c) 2013, Audrey Roy

License Type

Obligation

Download Location
 Add
<https://pypi.org/project/binaryornot>
 pkg:pypi/binaryornot
<https://pypi.org/project/binaryornot/0.4.3>
 pkg:pypi/binaryornot

Home Page
<https://github.com/binaryornot/binaryornot>

Summary Description

Important Notes

Comment
[Scancode License Analysis]
Declared License: bsd-new(1)
Full scan: bsd-new(5.0)

Title
License text파일 분석 결과

OSS Name ⓘ
binaryornot

OSS Version
0.4.3
New version

Nickname
 Add
pypi:binaryornot

Vulnerability Info >

Declared License
bsd-new

| | License | Copyright | |
|----|---------|-----------|---------------------------------------|
| 1. | bsd-new | | <input type="button" value="delete"/> |

+ |

Detected License
 Add

Restriction

Copyright

License Type

Obligation

Download Location
 Add
<https://pypi.org/project/binaryornot>
 pkg:pypi/binaryornot
<https://pypi.org/project/binaryornot/0.4.3>
 pkg:pypi/binaryornot

Home Page
<https://github.com/binaryornot/binaryornot>

Summary Description

Important Notes

Comment
[Scancode License Analysis]
Declared License: bsd-new(1)
Full scan: bsd-new(5.0)

Title
binaryornot (0.4.4) 최신 등록 정보

OSS Name ⓘ
binaryornot

OSS Version
0.4.3
New version

Nickname
 Add
pypi:binaryornot

Vulnerability Info >

Declared License
BSD-3-Clause

| | License | Copyright | |
|----|--------------|-----------|---------------------------------------|
| 1. | BSD-3-Clause | | <input type="button" value="delete"/> |

+ |

Detected License
 Add

Restriction

Copyright

License Type

Obligation

Download Location
 Add
<https://pypi.org/project/binaryornot>
 pkg:pypi/binaryornot
<https://pypi.org/project/binaryornot/0.4.3>
 pkg:pypi/binaryornot

Home Page
<https://pypi.org/project/binaryornot/0.4.3>

Summary Description

Important Notes

Comment
[Scancode License Analysis]
Declared License: bsd-new(1)
Full scan: bsd-new(5.0)

Title
취합정보

OSS Name binaryornot

OSS Version
0.4.3
New version

Nickname
 Add

Vulnerability Info >

Declared License
bsd-new

| | License | Copyright | |
|------------------|---------|-----------|---------------------|
| 1. | bsd-new | | delete |
| + | | | |

Detected License
 Add

Restriction

Copyright
Copyright (c) 2013, Audrey Roy

License Type

Obligation

Download Location
 Add
<https://pypi.org/project/binaryornot> x
pkg:pypi/binaryornot
<https://pypi.org/project/binaryornot/0.4.3> x
pkg:pypi/binaryornot

Home Page
<https://github.com/binaryornot/binaryornot>

Summary Description

Important Notes

Comment
[Scancode License Analysis]
Declared License: bsd-new(1)
Full scan: bsd-new(5.0)

Save

C

취합정보

binaryornot (0.4.4) 최신 등록 정보

사용자 작성 정보

License text파일 분석 결과

N Scancode 분석 결과

Nickname
 Add

Vulnerability Info >

Declared License
bsd-new

| | License | Copyright | |
|------------------|---------|-----------|---------------------|
| 1. | bsd-new | | delete |
| + | | | |

Detected License
 Add

Restriction

Copyright

License Type

Obligation

Download Location
 Add
<https://pypi.org/project/binaryornot> x
pkg:pypi/binaryornot
<https://pypi.org/project/binaryornot/0.4.3> x
pkg:pypi/binaryornot

Home Page
<https://github.com/binaryornot/binaryornot>

Summary Description

Important Notes

Comment
[Scancode License Analysis]
Declared License: bsd-new(1)
Full scan: bsd-new(5.0)

Save

Title
binaryornot (0.4.4) 최신 등록 정보

OSS Name binaryornot

OSS Version
0.4.3
New version

Nickname
 Add

Vulnerability Info >

Declared License
BSD-3-Clause

| | License | Copyright | |
|------------------|--------------|-----------|---------------------|
| 1. | BSD-3-Clause | | delete |
| + | | | |

Detected License
 Add

Restriction

Copyright

License Type

Obligation

Download Location
 Add
<https://pypi.org/project/binaryornot> x
pkg:pypi/binaryornot
<https://pypi.org/project/binaryornot/0.4.3> x
pkg:pypi/binaryornot

Home Page
<https://pypi.org/project/binaryornot/0.4.3>

Summary Description

Important Notes

Comment
[Scancode License Analysis]
Declared License: bsd-new(1)
Full scan: bsd-new(5.0)

Save

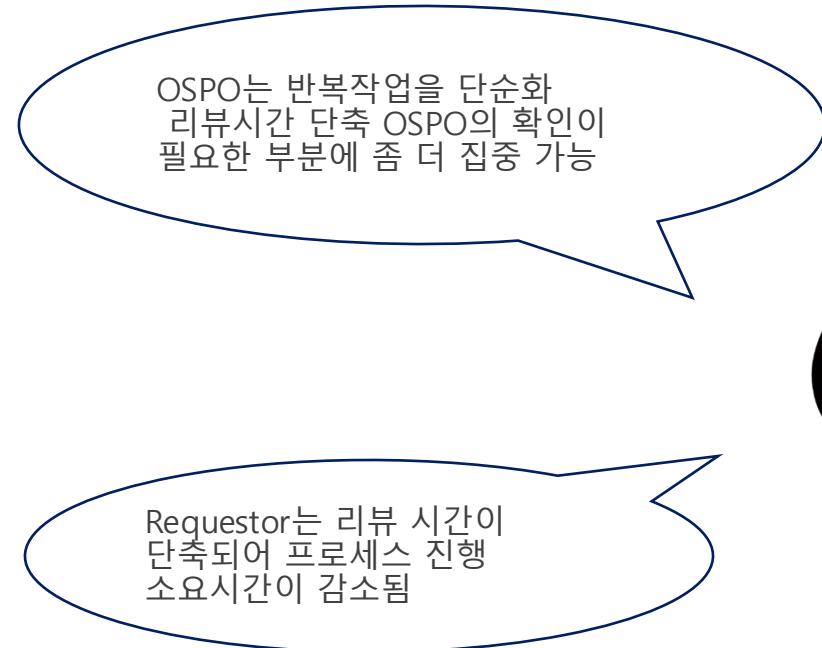
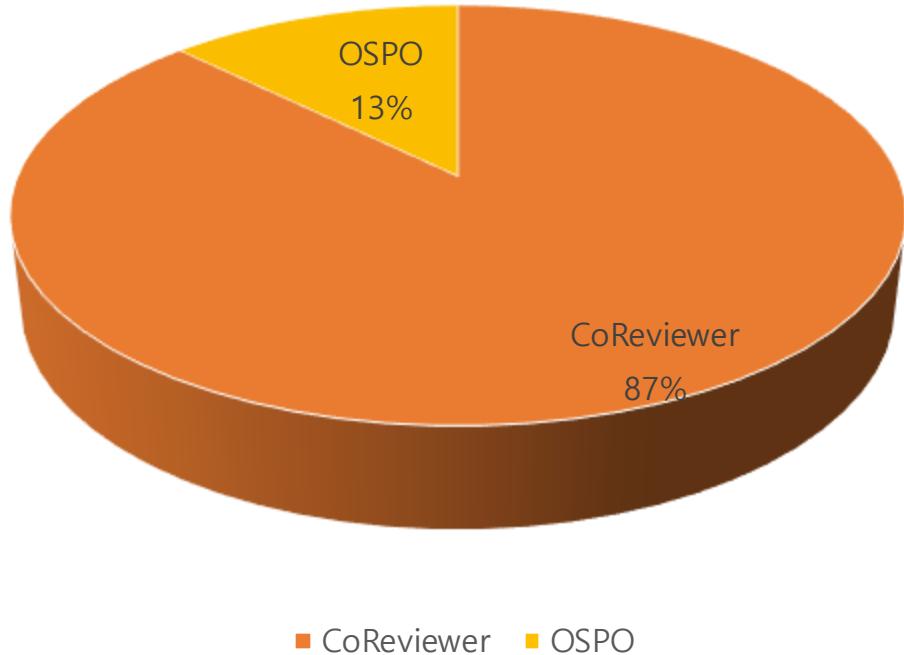
등록 실패 케이스 저장 방법

- 오픈 소스별 FOSSLight Source Scanner 분석 결과 파일 제공

| # | 파일명 | 크기 | 수정일시 | 다운로드 |
|----|--|---------|------------------|--------------------------|
| 1 | 125608840_EasternJournalist-utils3d_0.0.2.xlsx | 7.5 KB | 2025-10-01 10:55 | Download |
| 2 | 125608843_PyYAML_6.0.3.xlsx | 7.6 KB | 2025-10-01 10:55 | Download |
| 3 | 125608849_anyio_4.11.0.xlsx | 7.6 KB | 2025-10-01 10:55 | Download |
| 4 | 125608851_boto3_1.38.18.xlsx | 12.1 KB | 2025-10-01 10:55 | Download |
| 5 | 125608852_botoctl_1.38.46.xlsx | 24.9 KB | 2025-10-01 10:57 | Download |
| 6 | 125608855_click_8.3.0.xlsx | 7.8 KB | 2025-10-01 10:55 | Download |
| 7 | 125608867_fonttools_4.60.0.xlsx | 19.3 KB | 2025-10-01 10:56 | Download |
| 8 | 125608869_hf-xet_1.1.10.xlsx | 11.2 KB | 2025-10-01 10:55 | Download |
| 9 | 125608870_huggingface_hub_0.35.1.xlsx | 14.2 KB | 2025-10-01 10:55 | Download |
| 10 | 125608872_iopath_0.1.10.xlsx | 8.3 KB | 2025-10-01 10:55 | Download |
| 11 | 125608880_mysql-connector-python_9.2.0.xlsx | 51.8 KB | 2025-10-01 10:55 | Download |
| 12 | 125608882_ninja_1.13.0.xlsx | 17.8 KB | 2025-10-01 10:56 | Download |
| 13 | 125608890_portalocker_3.2.0.xlsx | 8.2 KB | 2025-10-01 10:56 | Download |

CoReviewer 효과

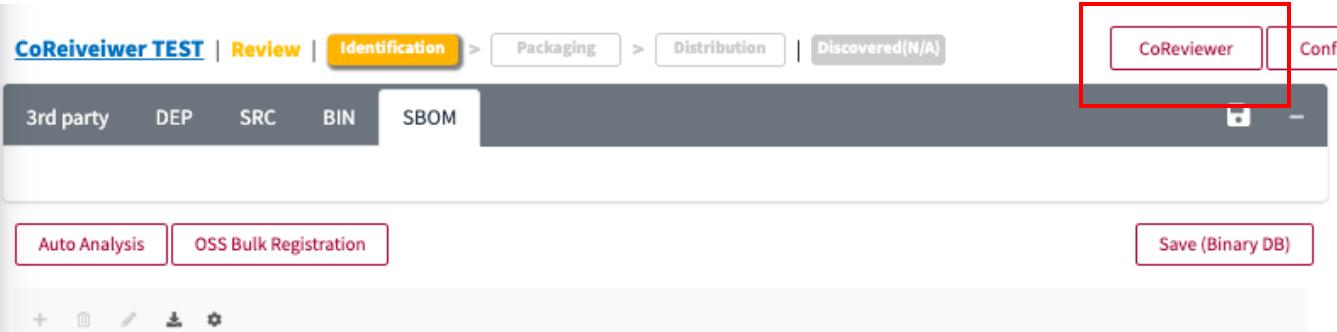
- 2025년 오픈 소스 등록 기준



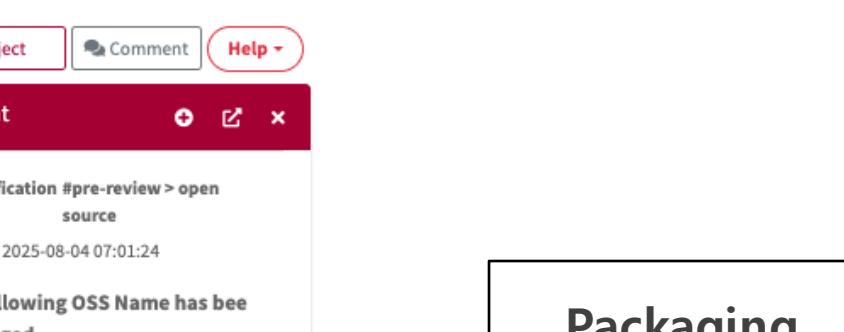
CoReviewer - 자동 Confirm

- Identification, Packaging 단계의 자동 Confirm

Identification



Packaging



#identification #pre-review > open source
OSPO 2025-08-04 07:01:24
The following OSS Name has been changed.

#packaging #request review
oscAdmin 2025-10-13 15:10:04

#projectinfo #changed
u_kyungsun.min 2025-09-30 16:34:57

Packaging – Path 자동 검출

- OSS Name, OSS version 조합으로 업로드한 Packaging 파일 내 Path에서 가장 유사한 path를 찾고,
유사한 Path를 찾은 경우만 “Path of source code in the OSS Package”를 업데이트

The screenshot shows a web-based application for managing open-source dependencies. At the top, there's a header with the title "Open Source List to disclose source code" and a blue button labeled "AI" which is highlighted with a red box. Below the header is a search bar with two dropdown menus. To the right of the search bar is a note: "* Enter the path info of source code for each OSS and click the Verify button". The main content area is a table with four columns: ID, Referen, OSS Name, and OSS Version. The last two columns are merged into a single column titled "Path of source code in the OSS Package" which is also highlighted with a red box. The table contains five rows of data. At the bottom, there are navigation links for page numbers and a note "Count : 4".

| ID | Referen | OSS Name | OSS Version | Download Loc. | Homepage | License | Path of source code in the OSS Package | File Count |
|----|---------|-------------------------|-------------|---|----------|----------|--|------------|
| 2 | SRC | Linux Kernel | 2.0.1 | https://www.k URL | | GPL-2.0 | Linux Kernel-2.0.1/ | |
| 3 | SRC | com.itextpdf:io | 7.2.3 | https://mvnre URL | | AGPL-3.0 | com.itextpdf:io-7.2.3/ | |
| 4 | SRC | geckodriver | 4.5.1 | https://www.n URL | | MPL-2.0 | geckodriver-4.5.1/ | |
| 5 | SRC | org.eclipse.sisu.inject | 0.3.3 | https://mvnre URL | | EPL-1.0 | org.eclipse.sisu.inject-0.3.3/ | |

Upcoming FOSSLight Hub

- License 리뷰 자동화
 - 의무사항 및 제약사항 예측
 - SPDX 등록 여부 확인
- 사용자용 CoReviewer
 - Identification 의 SBOM을 기반으로 요약 정보 제공
 - Identification 의 수정이 필요한 사항, 진행 방법 등 사용자에게 필요한 정보 제공



Q&A

