

# FOSSLight Hub v2.0

24.11.12 이혜인



# UI 2.0: 공통 요소와 새로워진 포인트

# UI 2.0 무엇이 달라졌나요?

## UI 1.0 의 Project 화면

FOSSLight v1.6.3

English

시스템관리자 | Logout

License List | User Settings | **Project List**

Search

Expand

Copy | Change | BOM Compare | Export | Add

ID	Project Name (Version)	Status	Identification	Packaging	Download	Security	Vulnerability	CVE ID	Division	Creator	Created Date	Updated Date	Reviewer	Additional Information
1	test project	P	Start				General		N/A	시스템관리자	2024-11-08	2024-11-08		

Page 1 of 1

View 1 - 1 of 1

# UI 2.0 무엇이 달라졌나요?

## UI 2.0 의 Project 화면

The screenshot shows the FOSSLight Project management interface. The left sidebar contains navigation options: Dashboard, License, Open Source, Project (highlighted), 3rd Party, Binary DB, Vulnerability, Self-Check, User Settings, and System. The main content area displays a table of projects with columns for ID, Project Name, Status, OSC Process, Download, Security, and Creator. A callout box with a yellow star and dashed border highlights the 'UI 2.0 정책' (UI 2.0 Policy) and lists three key changes.

ID	Project Name	Status	OSC Process	Download	Security	Creator
747	<a href="#">datafile collector</a>	Progress	Identification > Packaging		Need to resolve(9.8)	abbbb
737	<a href="#">test_sec_mail</a>	Request			Discovered(N/A)	abbbb
736	<a href="#">Test empty.project (1.0)</a>	Request				
735	<a href="#">dep-test (1)</a>	Request				
734	<a href="#">qwer (1.0)</a>	Request				
733	<a href="#">test.prj</a>	Request				

### ★ UI 2.0 정책

1. OSC 프로세스가 자연스럽게 스며드는 UI 설계
2. 통일성과 직관성을 갖춘 UX 설계
3. 사용자 중심의 간결하고 직관적인 UI

# 상단 Status bar 추가

FOSSLight

admin

Close << 748\_Identify

**Sample Project (OSPO) (1.0)** | Progress | **Identification** > Packaging | Need to resolve(9.8)

3rd party DEP SRC BIN BOM

**상단 status bar**  
프로젝트의 상태를 어디서든 한눈에 확인

OSS bulk registration Save (Binary DB)

ID	Reference	OSS Name	OSS Version	License	Download Location	Homepage	Copyright Text	Vulnerability	Notice	Source	Restriction	admin check
		~ <input type="text"/>	x ~ <input type="text"/>	x ~ <input type="text"/>	x ~ <input type="text"/>	x ~ <input type="text"/>	x ~ <input type="text"/>	>= <input type="text"/>	x			
3	SRC	FastPID	1.3.2	LGPL-2.1	https://github.com	https://github.com	copyrighted by the Free Software Foundation. Not the same as property.		✓	✓		<input type="checkbox"/>
2	SRC	ckeditor5	41.4.2	GPL-2.0	https://github.com	https://github.com	Copyright (c) 2018 Wolt Enterprises. Not the same as property.		✓	✓		<input type="checkbox"/>
5	SRC	BusyBox	1.13.2	GPL-2.0	http://www.busybox.net	https://busybox.net	Copyright (c) 1999-2004 by Erik Rasmussen. Not the same as property.	<b>CRITICAL</b>	✓	✓		<input type="checkbox"/>
4	SRC	build-mar	3.1.0	MPL-2.0	https://github.com	https://github.com			✓	✓		<input type="checkbox"/>

Page 1 of 1 200 Count: 4

# 상단 Status bar 추가

- 프로젝트의 상태를 어디서든 한눈에 확인할 수 있도록 하는 상단 status bar
- 버튼을 눈에 띄게 변경하여 누구나 쉽게 기능을 파악할 수 있도록 개선



# 버튼 인터페이스 통합: 전체 페이지 제어 버튼

- Information / Identification 등 페이지 전체 Control 버튼을 우측 상단으로 모음

The screenshot displays the 'Project Information' page. In the top right corner, a red box highlights four control buttons: a share icon, a copy icon, a trash icon, and a lock icon. Four red arrows point upwards from the text 'Project Page를 잠금' towards these buttons. The page content includes fields for Project Name (Example Project), Project Version (1.0\_Copied), Priority (P2), Permission (Everyone), Operating System (Linux), Distribution Type (General), Distribution Site (opensource.lge.com), and OSS Notice (General). A rich text editor is visible at the bottom.

Project Page를 잠금

# 버튼 인터페이스 통합: 전체 페이지 제어 버튼

- 현재 페이지에서 제공하는 기능에 맞춰 버튼 구성이 다름

empty-no-oss | Progress

3rd party

3rd Party Name\* empty-project-test

3rd Party Software Name\* empty-no-oss

3rd Party Software Version

Delivery Form Source Code Form

Permission Everyone

Description

Watcher CTO SIC센터 / 민경선/책임연구원/SW공학(연)Open Source Task

Creator (Division) 이혜인/신임연구원/SW공학(연)Open Source Task (CTO SW센터)

Reviewer

Open Source Agreement No File

OSS Checklist(Open Source List) No File

fossight\_binary.txt No File

Related Documents No File

Pre-Review Auto Analysis Analysis Result OSS bulk registration Save (Binary DB)

ID	Source or Binary P.	OSS Name	OSS Versio	License	Download Lo	Homepage	Copyright Text	Vulnerability	Comment	Noti Sour Restrictio
~	x ~	x ~	x ~	x ~	x ~	x ~	x ~	x	~	x



# 버튼 인터페이스 통합: 데이터 테이블 제어 버튼

FOSSLight

admin

Close << License Open Source Project 3rd Party Vulnerability Self-Check 748\_Identify

Sample Project (OSPO).(1.0) | Progress | Identification > Packaging | Need to resolve(9.8)

3rd party DEP SRC BIN BOM

Pre-Review

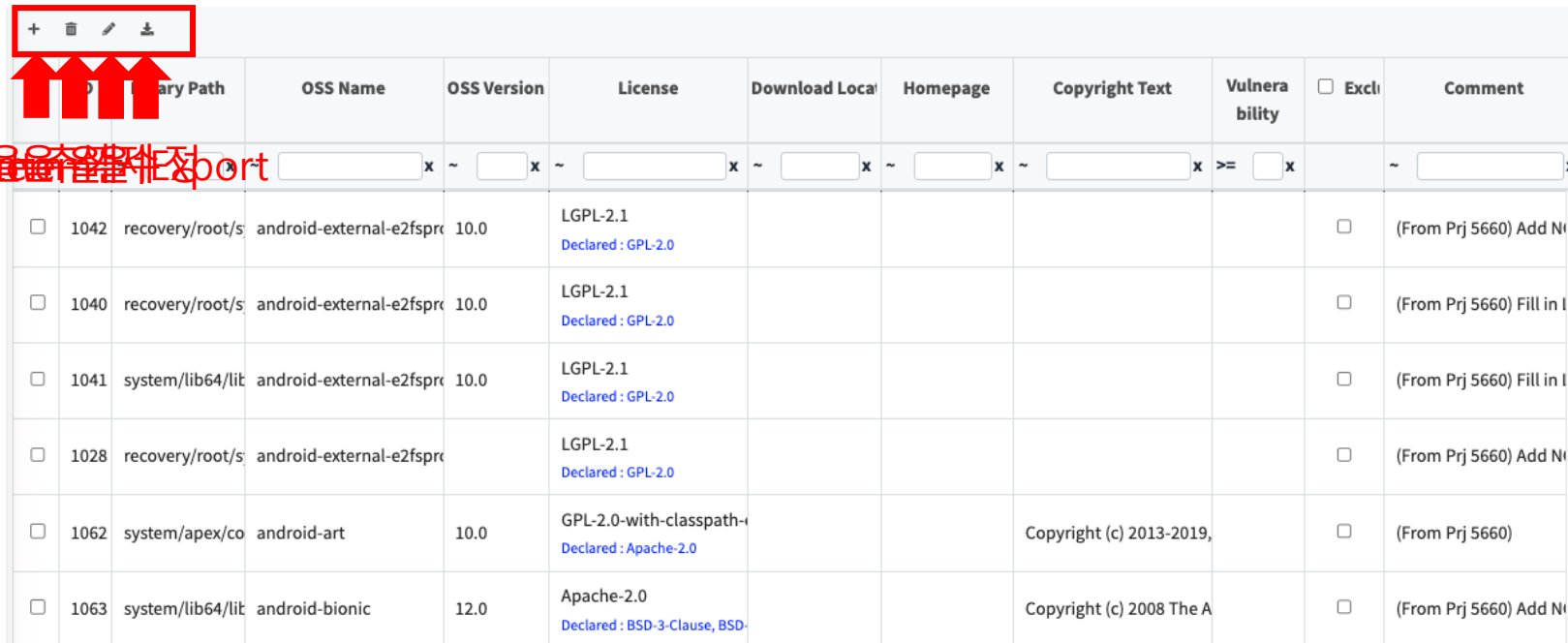
**OSS Table**  
Open source 분석 데이터가 로드되는 영역

ID	Source Name or Pa	OSS Name	OSS Ver:	License	Download	Homepage	Copyright Text	Vulnerability	Comment
3	FastPID	1.3.2	LGPL-2.1	https://git Not the same	https://git Not the same			(From Prj 725)	
2	ckeditor5	41.4.2	GPL-2.0	https://git Not the same	https://git Not the same			(From Prj 725)	
4	build-mar	3.1.0	MPL-2.0	https://git Not the same	https://git Not the same			(From Prj 725)	
5	BusyBox	1.13.2	GPL-2.0	http://www	https://bu		CRITICAL		

# 버튼 인터페이스 통합: 데이터 테이블 제어 버튼

- 테이블 제어 버튼 배치를 좌측 상단으로 모음

OSS Table:



	ID	Directory Path	OSS Name	OSS Version	License	Download Location	Homepage	Copyright Text	Vulnerability	<input type="checkbox"/> Excl	Comment
<input type="checkbox"/>	1042	recovery/root/s	android-external-e2fspr	10.0	LGPL-2.1 Declared: GPL-2.0					<input type="checkbox"/>	(From Prj 5660) Add N
<input type="checkbox"/>	1040	recovery/root/s	android-external-e2fspr	10.0	LGPL-2.1 Declared: GPL-2.0					<input type="checkbox"/>	(From Prj 5660) Fill in I
<input type="checkbox"/>	1041	system/lib64/lit	android-external-e2fspr	10.0	LGPL-2.1 Declared: GPL-2.0					<input type="checkbox"/>	(From Prj 5660) Fill in I
<input type="checkbox"/>	1028	recovery/root/s	android-external-e2fspr		LGPL-2.1 Declared: GPL-2.0					<input type="checkbox"/>	(From Prj 5660) Add N
<input type="checkbox"/>	1062	system/apex/co	android-art	10.0	GPL-2.0-with-classpath- Declared: Apache-2.0			Copyright (c) 2013-2019,		<input type="checkbox"/>	(From Prj 5660)
<input type="checkbox"/>	1063	system/lib64/lit	android-bionic	12.0	Apache-2.0 Declared: BSD-3-Clause, BSD-			Copyright (c) 2008 The A		<input type="checkbox"/>	(From Prj 5660) Add N

# 버튼 인터페이스 통합: 데이터 테이블 제어 버튼

FOSSLight

admin

Dashboard

License

Open Source

**Project**

3rd Party

Binary DB

Vulnerability

Self-Check

User Settings

System

Close

Project

+ Add

Project ID or Name

My Project

+ Advanced Search

Copy

Change

BOM Compare

**List Table**  
시스템에 저장된 데이터 목록이 보이는 영역

	ID	Project Name	Status	OSC Process	Download	Security	Creator
<input type="checkbox"/>	748	<a href="#">Sample Project (OSPO) (1.0)</a>	Progress	Identification > Packaging		Need to resolve(9.8)	abbbb
<input type="checkbox"/>	747	<a href="#">datafile collector</a>	Progress	Identification > Packaging		Need to resolve(9.8)	abbbb
<input type="checkbox"/>	737	<a href="#">test_sec_mail</a>	Request	Identification > Packaging		Discovered(N/A)	abbbb
<input type="checkbox"/>	736	<a href="#">Test empty project (1.0)</a>	Request	Identification > Packaging		Discovered(N/A)	abbbb
<input type="checkbox"/>	735	<a href="#">dep-test (1)</a>	Request	Identification > Packaging		Discovered(N/A)	Andrei Nikolov
<input type="checkbox"/>	734	<a href="#">qwer (1.0)</a>	Request	Identification > Packaging		Discovered(N/A)	abbbb
<input type="checkbox"/>	733	<a href="#">test_prj</a>	Request	Identification > Packaging		Need to resolve(9.9)	abbbb
<input type="checkbox"/>	732	<a href="#">my.project coffee</a>	Request	Identification > Packaging		Need to resolve(9.8)	HyeinLee
<input type="checkbox"/>	731	<a href="#">a123sdfs</a>	Progress	Identification > Packaging		Need to resolve(7.5)	장학성

# 버튼 인터페이스 통합: 데이터 테이블 제어 버튼

- 테이블 제어 버튼 배치를 좌측 상단으로 모음

List Table:

Column Customizing

+ [ ] [ ] [ ] [ ]													
ID	Project Name	Status	OSC Process	Download	Distribution Type	Security	Division	Creator	Created Date	Modified Date	Reviewer		
5446	<a href="#">Example Project (1.0 Copied)</a>	Review	Identification > Packaging > Distribution		General	Discovered(N/A)	CTO SW센터	이해인/선임연	2024-05-22	2024-05-27	이해인/선임연		
5435	<a href="#">new project create test (1 Copied)</a>	Review	Identification > Packaging > Distribution		General	Discovered(6.1)	CTO ICT기술센	일반이해인	2024-05-17	2024-05-23	이해인/선임연		
5430	<a href="#">Test empty file project</a>	Review	Identification > Packaging > Distribution		General	Discovered(N/A)	CTO SW센터	이해인/선임연	2024-05-14	2024-05-22			
5425	<a href="#">project copy test (1.0)</a>	Progress	Identification > Packaging > Distribution		General	Need to resolve(9.8)	CTO SW센터	시스템관리자	2024-04-29	2024-05-17	민경선/책임연		
5422	<a href="#">security test 1</a>	Review	Identification > Packaging > Distribution		General	Need to resolve(7.5)	CTO ICT기술센	일반민경선	2024-04-26	2024-05-24	민경선/책임연		
5417	<a href="#">Test_project_open (1.0.0)</a>	Progress	Identification > Packaging > Distribution		General	Need to resolve(7.5)	CTO SW센터	이해인/선임연	2024-04-22	2024-05-22	이해인/선임연		
5416	<a href="#">test project identification hi (0.0.1)</a>	Progress	Identification > Packaging > Distribution		General	Need to resolve(9.8)	CTO SW센터	이해인/선임연	2024-04-18	2024-05-21	이해인/선임연		
5411	<a href="#">testttt (tttt Copied Copied)</a>	Progress	Identification > Packaging > Distribution		General	Discovered(7.8)	CTO SW센터	김소임/책임연	2024-04-17	2024-05-03	이해인/선임연		
5405	<a href="#">binary text test project (1.0.0)</a>	Progress	Identification > Packaging > Distribution		General	Need to resolve(9.8)	CTO SW센터	이해인/선임연	2024-04-15	2024-04-22	시스템관리자		

# 목록화면 공통: Custom Column

- 원하는 열을 개인화하여 필요한 정보만 확인

The screenshot shows a 'Columns Setting' dialog box with the following options:

- ID
- License Name
- Identifier
- License Type
- Restriction
- Obligation
- Website
- User Guide
- Creator

The background table has the following structure:

Name	Restriction	Obligation
	R	
	R	
	R	📄
	R	📄
		📄📄
		📄📄
		📄
		📄📄
		📄📄
		📄
	R	
	R	
		📄📄
		📄

At the bottom of the dialog box, there are 'Cancel' and 'Save' buttons. The 'Save' button is highlighted with a red box.

# 목록화면 공통: 검색 창 간소화

- 검색창을 한 줄로 보이도록 하여, 데이터 테이블을 넓게 볼 수 있도록 변경

The screenshot displays the FOSSLight web application interface. The left sidebar contains navigation options: Dashboard, License (highlighted), Open Source, Project, 3rd Party, Binary DB, Vulnerability, Self-Check, and User Settings. The main content area shows a search bar with the text "License Name" and a search icon. A red box highlights the search bar area, which also includes an "Exact Match" checkbox and a "+ Advanced Search" link. Below the search bar is a table with the following columns: License Name, Restriction, Notice, and Source. The table contains several rows of license entries, including "test\_urlurl", "Vit Condak fonts Test License test", "The GitLab Enterprise Edition (EE).license", "test20231102 (이름 중복안됨)", "chicken license2", "BSD Test", and "test 7.0 License".

	License Name	Restriction	Notice	Source
<input type="checkbox"/>	<a href="#">test_urlurl</a>	R	✓	
<input type="checkbox"/>	<a href="#">Vit Condak fonts Test License test</a>		✓	
<input type="checkbox"/>	<a href="#">The GitLab Enterprise Edition (EE).license</a>			
<input type="checkbox"/>	<a href="#">test20231102 (이름 중복안됨)</a>	R	✓	
<input type="checkbox"/>	<a href="#">chicken license2</a>		✓	
<input type="checkbox"/>	<a href="#">BSD Test</a>		✓	
<input type="checkbox"/>	<a href="#">test 7.0 License</a>	R	✓	

# 목록화면 공통: 검색 창 간소화

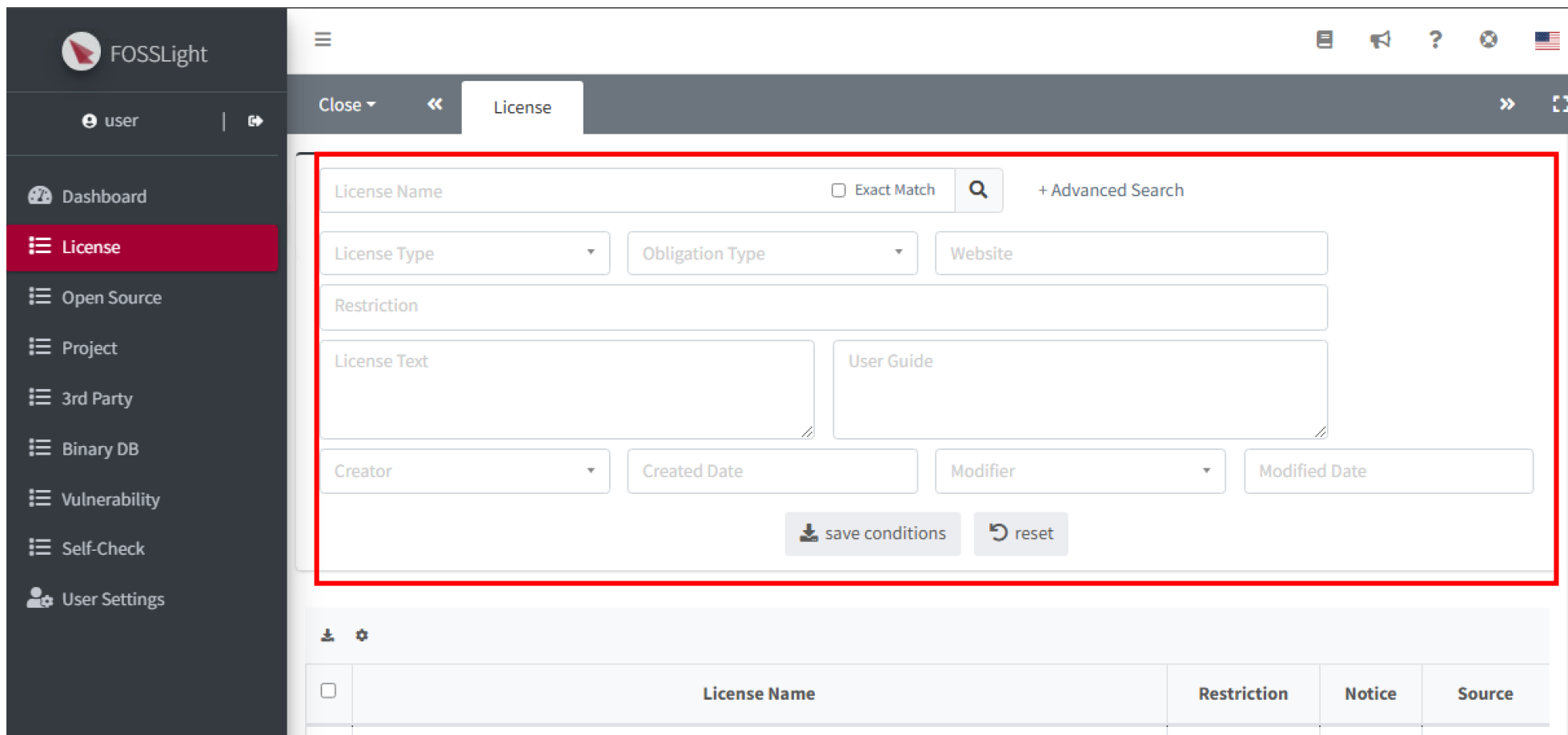
- Advanced Search를 누르면 메뉴 별로 상세 검색 가능

The screenshot shows the FOSSLight web application interface. The left sidebar contains navigation menus: Dashboard, License (highlighted), Open Source, Project, 3rd Party, Binary DB, Vulnerability, Self-Check, and User Settings. The main content area is titled 'License' and features a search bar with the text 'License Name', an 'Exact Match' checkbox, a search icon, and a '+ Advanced Search' link. A red arrow points to the '+ Advanced Search' link, with the word 'Click' written in red next to it. Below the search bar is a table with columns: License Name, Restriction, Notice, and Source. The table contains several rows of license information, including 'test\_urlurl', 'Vit Condak fonts Test License test', 'The GitLab Enterprise Edition (EE).license', 'test20231102 (이름 중복안됨)', 'chicken license2', 'BSD Test', and 'test 7.0 License'.

	License Name	Restriction	Notice	Source
<input type="checkbox"/>	<a href="#">test_urlurl</a>	R	✓	
<input type="checkbox"/>	<a href="#">Vit Condak fonts Test License test</a>		✓	
<input type="checkbox"/>	<a href="#">The GitLab Enterprise Edition (EE).license</a>			
<input type="checkbox"/>	<a href="#">test20231102 (이름 중복안됨)</a>	R	✓	
<input type="checkbox"/>	<a href="#">chicken license2</a>		✓	
<input type="checkbox"/>	<a href="#">BSD Test</a>		✓	
<input type="checkbox"/>	<a href="#">test 7.0 License</a>	R	✓	

# 목록화면 공통: 검색 창 간소화

- Advanced Search를 누르면 메뉴 별로 상세 검색 가능



The screenshot displays the FOSSLight application interface. The left sidebar contains navigation options: Dashboard, License (highlighted), Open Source, Project, 3rd Party, Binary DB, Vulnerability, Self-Check, and User Settings. The main content area shows the 'License' search interface. A red box highlights the search area, which includes the following elements:

- License Name search field with an 'Exact Match' checkbox and a search icon.
- A '+ Advanced Search' link.
- License Type, Obligation Type, and Website dropdown menus.
- Restriction text input field.
- License Text and User Guide text input fields.
- Creator, Created Date, Modifier, and Modified Date dropdown menus.
- 'save conditions' and 'reset' buttons.

Below the search area, a table header is visible with columns: License Name, Restriction, Notice, and Source.



# 가독성 향상: View 모드와 Edit 모드 도입

- View모드를 통해 정보를 간결하게 확인 가능



The screenshot shows a web interface with a navigation bar containing '3rd party', 'DEP', 'SRC', 'BIN', and 'BOM'. Below the navigation bar, there are two main sections highlighted with red boxes:

- FOSSLight Report:** A section containing a link 'fosslight\_report\_src\_240513\_1129.xlsx' and a timestamp '2024-05-27 19:24:33'.
- Loaded List:** A table with the following data:

ID	project Name	project Version	Component Count
5067	project test		119

## Identification 화면 예시)

Report 업로드 내용 / Project Load 정보를 View 모드로 한 번에 볼 수 있음

# 가독성 향상: View 모드와 Edit 모드 도입

The screenshot displays the FOSSLight web application interface. The top navigation bar shows the user 'admin' and various utility icons. The main content area is titled 'Sample Project (OSPO) (1.0)' and includes tabs for 'Progress', 'Identification', 'Packaging', and 'Need to resolve(9.8)'. The 'Project Information' section is currently in edit mode, as indicated by the yellow callout box. This section contains several form fields: 'Project Name' (Sample Project (OSPO)), 'Project Version' (1.0), 'Priority' (P2), 'Permission' (Everyone and Creator & Watcher), 'Security Mail (Vulnerability)' (Enable), 'Operating System' (Linux), and 'Distribution Type' (General). Below this is the 'Model Information' section and an 'Additional Information' section with a rich text editor containing the text 'For community day 24.11.12'. At the bottom, there is a 'Watcher' section with input fields for 'Select Division', 'Select User', 'Input email', and 'Input your Email Domain'.

Project Information 화면 >  
편집 모드

# 가독성 향상: View 모드와 Edit 모드 도입

The screenshot shows the FOSSLight interface with a sidebar on the left containing navigation items like Dashboard, License, Open Source, Project, 3rd Party, Binary DB, Vulnerability, Self-Check, and User Settings. The main content area displays the 'Project Information' for 'Sample Project (OSPO) (1.0)'. The breadcrumb trail is 'Sample Project (OSPO) (1.0) | Progress | Identification > Packaging | Discovered(N/A)'. The 'Project Information' section includes the following details:

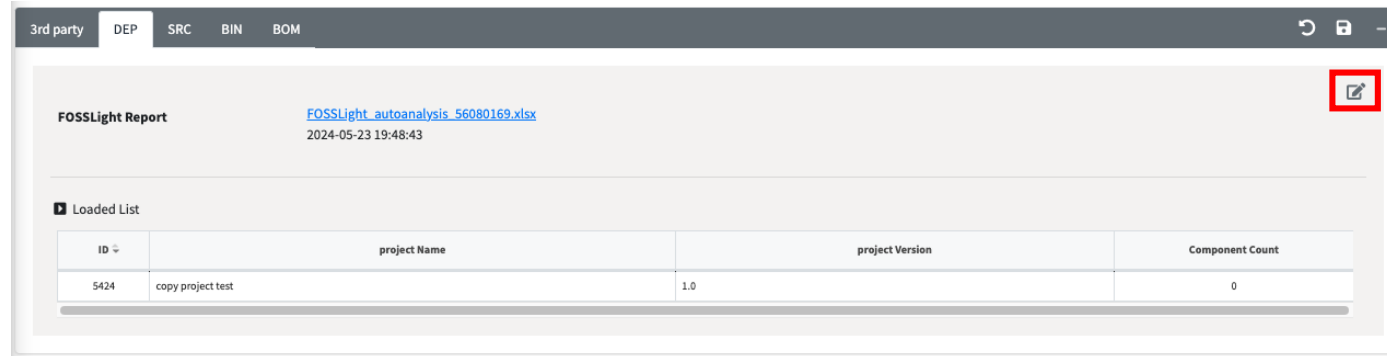
Project Name	Sample Project (OSPO)
Project Version	1.0
Priority <i>i</i>	P2
Permission	Everyone
Security Mail (Vulnerability)	Enable
Operating System	Linux
Distribution Type <i>i</i>	General
Model Information <i>⏏</i>	
Additional Information	For community day 24.11.12
Watcher	
Creator	abbbb
Division	SW Lab
Reviewer	
Download	

**Project Information 화면 >  
View 모드 (편집 권한이 없는 사용자)**

# 가독성 향상: View 모드와 Edit 모드 도입

- View모드 <-> Edit모드

## View 모드



3rd party DEP SRC BIN BOM

FOSSLight Report [FOSSLight\\_autoanalysis\\_56080169.xlsx](#)  
2024-05-23 19:48:43

Loaded List

ID	project Name	project Version	Component Count
5424	copy project test	1.0	0

Edit 버튼

# 가독성 향상: View 모드와 Edit 모드 도입

- View모드 <-> Edit모드

## Edit 모드

The top screenshot shows the 'Edit 모드' interface with the 'Upload Analysis Result' section selected. It includes a 'FOSSLight Report' section with an 'Upload' button and a file name 'FOSSLight\_autoanalysis\_56080169.xlsx' with a timestamp '2024-05-23 19:48:43'. A red box highlights the 'Save' button in the top right corner.

The bottom screenshot shows the 'Edit 모드' interface with the 'Project Search' section selected. It includes a search form with a 'Project Name' dropdown and a 'Search' button. Below the search form is a 'Loaded List' table with the following data:

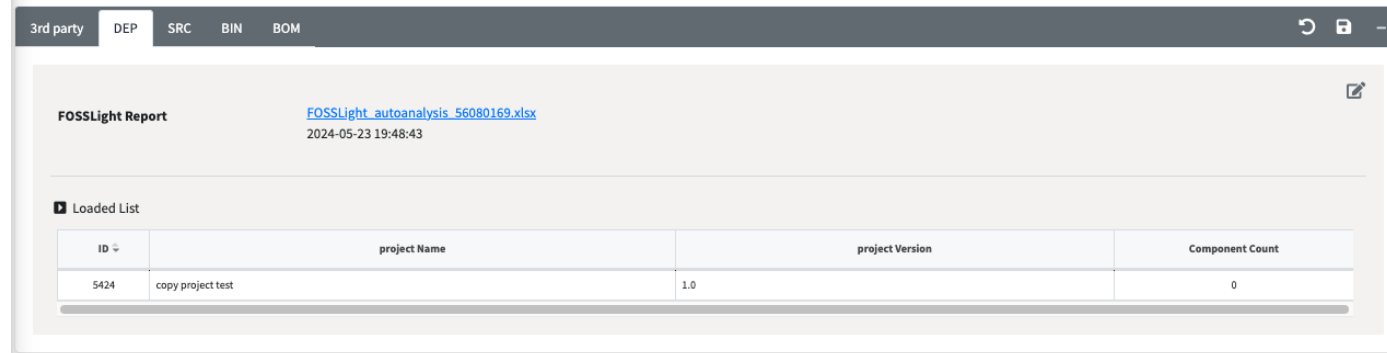
ID	project Name	project Version	Component Count
5424	copy project test	1.0	0

저장버튼

# 가독성 향상: View 모드와 Edit 모드 도입

- View모드 <-> Edit모드

## View 모드



3rd party DEP SRC BIN BOM

FOSSLight Report [FOSSLight\\_autoanalysis\\_56080169.xlsx](#)  
2024-05-23 19:48:43

Loaded List

ID	project Name	project Version	Component Count
5424	copy project test	1.0	0

# 가독성 향상: 상세 정보 숨기기 기능

- 분석 정보 로드 영역을 숨겨서 데이터 테이블을 더 넓게 확인 가능

## 로드 정보 펼친 상태

'-' 버튼 (접기)

The screenshot shows the FOSSLight Report interface. At the top, there are tabs for '3rd party', 'DEP', 'SRC', 'BIN', and 'BOM'. The 'BIN' tab is selected. Below the tabs, there is a 'FOSSLight Report' section with two entries:

Report Name	File Name	Download Link	Timestamp
FOSSLight Report	fosslight_report_all_240425_1651.xlsx	<a href="#">fosslight_report_all_240425_1651.xlsx</a>	2024-04-29 11:16:54
	fosslight_binary.txt	<a href="#">fosslight_binary_bin_240425_1651.txt</a>	2024-04-29 11:17:03

Below the report section, there is a 'Pre-Review' dropdown menu and a table of binary paths and OSS information. The table has the following columns: ID, Binary Path, OSS Name, OSS Version, License, Download Location, Homepage, Copyright Text, Vulnerability, Exclude, and Comment.

ID	Binary Path	OSS Name	OSS Version	License	Download Location	Homepage	Copyright Text	Vulnerability	Exclude	Comment
35	opencv_4_5_2/native/3rdparty_opencv/modules/aruco/src/aruco.cpp	Arduino-RubikSolver Unconfirmed open source	1.0.0-alpha	This field is required.	<a href="https://github.com/Eman">https://github.com/Eman</a>				<input type="checkbox"/>	Loaded from SRC OSS info
36	opencv_4_5_2/native/3rdparty_opencv/modules/aruco/src/aruco.cpp	Arduino-RubikSolver Unconfirmed open source	1.0.0-alpha	This field is required.	<a href="https://github.com/Eman">https://github.com/Eman</a>				<input type="checkbox"/>	Loaded from SRC OSS info
28	opencv_4_5_2/native/3rdparty_opencv/modules/aruco/src/aruco.cpp	Arduino-RubikSolver Unconfirmed open source	1.0.0-alpha	This field is required.	<a href="https://github.com/Eman">https://github.com/Eman</a>				<input type="checkbox"/>	Loaded from SRC OSS info

# 가독성 향상: 상세 정보 숨기기 기능

- 분석 정보 로드 영역을 숨겨서 데이터 테이블을 더 넓게 확인 가능

로드 정보 숨긴 상태

'+' 버튼 (펼치기)

ID	Binary Path	OSS Name	OSS Version	License	Download Location	Homepage	Copyright Text	Vulnerability	Exclusion	Comment
35	opencv_4_5_2/na New	Arduino-RubikSolver Unconfirmed open source	1.0.0-alpha	This field is required.	<a href="https://github.com">https://github.com</a>				<input type="checkbox"/>	Loaded from SRC OSS info
36	opencv_4_5_2/na Modified (360) : androi	Arduino-RubikSolver Unconfirmed open source	1.0.0-alpha	This field is required.	<a href="https://github.com">https://github.com</a>				<input type="checkbox"/>	Loaded from SRC OSS info
28	opencv_4_5_2/na New	Arduino-RubikSolver Unconfirmed open source	1.0.0-alpha	This field is required.	<a href="https://github.com">https://github.com</a>				<input type="checkbox"/>	Loaded from SRC OSS info
39	opencv_4_5_2/na New	Arduino-RubikSolver Unconfirmed open source	1.0.0-alpha	This field is required.	<a href="https://github.com">https://github.com</a>				<input type="checkbox"/>	Loaded from SRC OSS info
40	opencv_4_5_2/na Modified (342) : androi	Arduino-RubikSolver Unconfirmed open source	1.0.0-alpha	This field is required.	<a href="https://github.com">https://github.com</a>				<input type="checkbox"/>	Loaded from SRC OSS info



# V2 주요 변경 사항

---

# PURL 도입: Dependency 정보 업그레이드

3rd party DEP SRC BIN BOM

**FOSSLight Report** [fosslight\\_report\\_dep\\_240521\\_1420.xlsx](#)  
2024-05-21 14:26:28

ID	Package URL	OSS Name	OSS Version	License	Download Location	Homepage	Copyright Text	Vulnerability	<input type="checkbox"/> E	Comment	Depends On
3	pkg:npm/%40emotion/uni	npm:@emotion/uni	0.8.1	MIT	<a href="#">https://github.com/</a> Not the same as	<a href="#">https://www.</a> Not the same as			<input type="checkbox"/>	transitive	
2	pkg:npm/%40emotion/rea	npm:@emotion/rea	11.11.1	MIT	<a href="#">https://github.com/</a> Not the same as	<a href="#">https://www.</a> Not the same as			<input type="checkbox"/>	direct	npm:@babel/runt
5	pkg:npm/%40emotion/cac	npm:@emotion/cac	11.11.0	MIT	<a href="#">https://github.com/</a> Not the same as	<a href="#">https://www.</a> Not the same as			<input type="checkbox"/>	transitive	npm:@emotion/n
4	pkg:npm/%40emotion/styl	npm:@emotion/styl	11.11.0	MIT	<a href="#">https://github.com/</a> Not the same as	<a href="#">https://www.</a> Not the same as			<input type="checkbox"/>	direct	npm:@babel/runt
11	pkg:npm/%40emotion/has	npm:@emotion/has	0.9.1	MIT	<a href="#">https://github.com/</a> Not the same as	<a href="#">https://www.</a>			<input type="checkbox"/>	transitive	
9	pkg:npm/%40emotion/mei	npm:@emotion/mei	0.8.1	MIT	<a href="#">https://github.com/</a> Not the same as	<a href="#">https://www.</a>			<input type="checkbox"/>	transitive	
10	pkg:npm/%40emotion/bab	npm:@emotion/bab	11.11.0	MIT	<a href="#">https://github.com/</a> Not the same as	<a href="#">https://www.</a>			<input type="checkbox"/>	transitive	npm:@babel/help

# PURL 도입: Dependency 정보 업그레이드

## Purl 이란?

- Package URL


```
scheme:type/namespace/name@version?qualifiers#subpath
```

## Purl 표기 장점

- 패키지 정보를 고유한 값으로 추적할 수 있음
- SBOM 문서(SPDY, CycloneDX)에서 패키지별 의존성 표시할 때 활용
- 보안취약점 매칭을 PURL기반으로 보완할 예정

# OSORI 데이터 반영: License 정보 강화

## License Information



License Name	GNU Affero General Public License v3.0
Nickname	Affero General Public License 3.0, Affero General Public License v3.0, AGP
SPDX Short Identifier	AGPL-3.0
License Type	Copyleft
Obligation	
Restriction	Network Triggered, Provide Installation Information Required
Source Code Disclosure Scope	EXECUTABLE
Website for the license	<a href="https://spdx.org/licenses/AGPL-3.0.html">https://spdx.org/licenses/AGPL-3.0.html</a>
User Guide	<p>네트워크 서버 형태로 오픈 소스 소프트웨어를 이용하는 경우에도 GPL-3.0 요구 Using the software for network server requires to comply with the license</p> <p>단, 수정하지 않은 경우 Source code 공개 및 License 고지의무가 발생하지 않음 However, if it is not modified, there is no obligation to disclose the source</p> <p>AGPL-3.0 : <a href="http://collab.lge.com/main/x/WrXSfg">http://collab.lge.com/main/x/WrXSfg</a> GPL-3.0 : <a href="http://collab.lge.com/main/x/ULXSfg">http://collab.lge.com/main/x/ULXSfg</a></p>
License Text	<p>GNU AFFERO GENERAL PUBLIC LICENSE Version 3, 19 November 2007</p> <p>Copyright (C) 2007 Free Software Foundation, Inc.</p> <p>Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.</p>

## Source Code Disclosure Scope

- NONE : 공개 의무 없음
- ORIGINAL : 원 오픈 소스
- FILE : 파일 단위 소스 코드
- MODULE : 모듈 단위 소스 코드
- LIBRARY : 라이브러리 단위 소스 코드
- DERIVATIVE WORK : 법적으로 파생 저작물의 범위
- EXECUTABLE : 실행 파일을 구성하는 부분의 소스코드
- DATA : 데이터 자체
- SOFTWARE USING THIS : 해당 소프트웨어를 사용하는 모든 소프트웨어
- UNSPECIFIED : 소스 공개해야 하지만, 공개범위가 정확하지 않은 경우

# OSORI 데이터 반영: License 정보 강화

## License Information

License Name	GNU Affero General Public License v3.0
Nickname	Affero General Public License 3.0, Affero General Public License v3.0, AGPL 3
SPDX Short Identifier	AGPL-3.0
License Type	Copyleft
Obligation	 
Restriction	Network Triggered, Provide Installation Information Required
Source Code Disclosure Scope	EXECUTABLE
Website for the license	<a href="https://spdx.org/licenses/AGPL-3.0.html">https://spdx.org/licenses/AGPL-3.0.html</a>
User Guide	네트워크 서버 형태로 오픈 소스 소프트웨어를 이용하는 경우에도 GPL-3.0 요구사항 Using the software for network server requires to comply with the license of  단, 수정하지 않은 경우 Source code 공개 및 License 고지의무가 발생하지 않습니다. However, if it is not modified, there is no obligation to disclose the source code  AGPL-3.0 : <a href="http://collab.lge.com/main/x/WrXSfg">http://collab.lge.com/main/x/WrXSfg</a> GPL-3.0 : <a href="http://collab.lge.com/main/x/ULXSfg">http://collab.lge.com/main/x/ULXSfg</a>
License Text	GNU AFFERO GENERAL PUBLIC LICENSE Version 3, 19 November 2007  Copyright (C) 2007 Free Software Foundation, Inc.  Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

## Restriction

- Non-Commercial Use: 상업적 사용 불가 (기업에서 제공하는 무료 소프트웨어 사용 불가)
- Network Triggered : 네트워크 서버 형태로 이용하는 경우에도 의무사항 준수 필요
- No Modification : 수정 금지
- Platform Limitation : 특정 플랫폼에서만 사용 가능
- Purpose Restriction : 특정 목적 사용 제한
- Specification Restriction : 특정 Specification 또는 standard와 관련되어 사용 제한
- Restricted Redistribution : 재배포할 수 있는 SW의 하위 구성 요소 (source code, binary file등)을 제한
- Contract Required : 별도의 계약이 필요한 경우

# OSORI 데이터 반영: Open Source 정보 강화

Open Source Information			
OSS Name <span>i</span>	uip		
Nickname	adamdunkels-uip		
OSS Version	1.0		
Vulnerability Info <span>4</span>			
OSS Type			
Declared License	<table border="1"> <thead> <tr> <th>License</th> </tr> </thead> <tbody> <tr> <td>BSD-3-Clause</td> </tr> </tbody> </table>	License	BSD-3-Clause
License			
BSD-3-Clause			
Detected License			
<b>Restriction</b>			
License Type	Permissive		
Obligation			
Download Location	<a href="https://github.com/adamdunkels/uip/pkg:github/adamdunkels/uip">https://github.com/adamdunkels/uip/pkg:github/adamdunkels/uip</a>		
Home Page	<a href="https://www.ri.se/sv/refdom=sics.se">https://www.ri.se/sv/refdom=sics.se</a>		

## Restriction

### License의 Restriction과 동일

- Non-Commercial Use: 상업적 사용 불가 (기업에서 제공하는 무료 소프트웨어 사용 불가)
- Network Triggered : 네트워크 서버 형태로 이용하는 경우에도 의무사항 준수 필요
- No Modification : 수정 금지
- Platform Limitation : 특정 플랫폼에서만 사용 가능
- Purpose Restriction : 특정 목적 사용 제한
- Specification Restriction : 특정 Specification 또는 standard와 관련되어 사용 제한
- Restricted Redistribution : 재배포할 수 있는 SW의 하위 구성 요소(source code, binary file등)을 제한
- Contract Required : 별도의 계약이 필요한 경우

# Open Source 정보 추가: Vulnerability 매칭 보완

Open Source Information									
OSS Name <span>i</span>	uip								
Nickname	adamdunkels-uip								
OSS Version	1.0								
<b>Vulnerability Info</b> <span>⌵</span>									
<table border="1"> <thead> <tr> <th colspan="2">Vulnerability Info <span>▾</span></th> </tr> </thead> <tbody> <tr> <td>OSS Version Alias</td> <td></td> </tr> <tr> <td>Include CPE</td> <td></td> </tr> <tr> <td>Exclude CPE</td> <td></td> </tr> </tbody> </table>		Vulnerability Info <span>▾</span>		OSS Version Alias		Include CPE		Exclude CPE	
Vulnerability Info <span>▾</span>									
OSS Version Alias									
Include CPE									
Exclude CPE									
License Type	Permissive								
Obligation									
Download Location	<a href="https://github.com/adamdunkels/uip/pkg:github/adam">https://github.com/adamdunkels/uip/pkg:github/adam</a>								
Home Page	<a href="https://www.ri.se/sv/refdom=sics.se">https://www.ri.se/sv/refdom=sics.se</a>								

## Vulnerability Info

- OSS Version Alias : Vulnerability를 매핑할 다른 버전 표기
- Include CPE : 해당 OSS에 매칭되는 CPE
- Exclude CPE : 해당 OSS에 잘못 매칭되는 CPE

# Open Source 정보 분리: 공통 / 버전별 정보

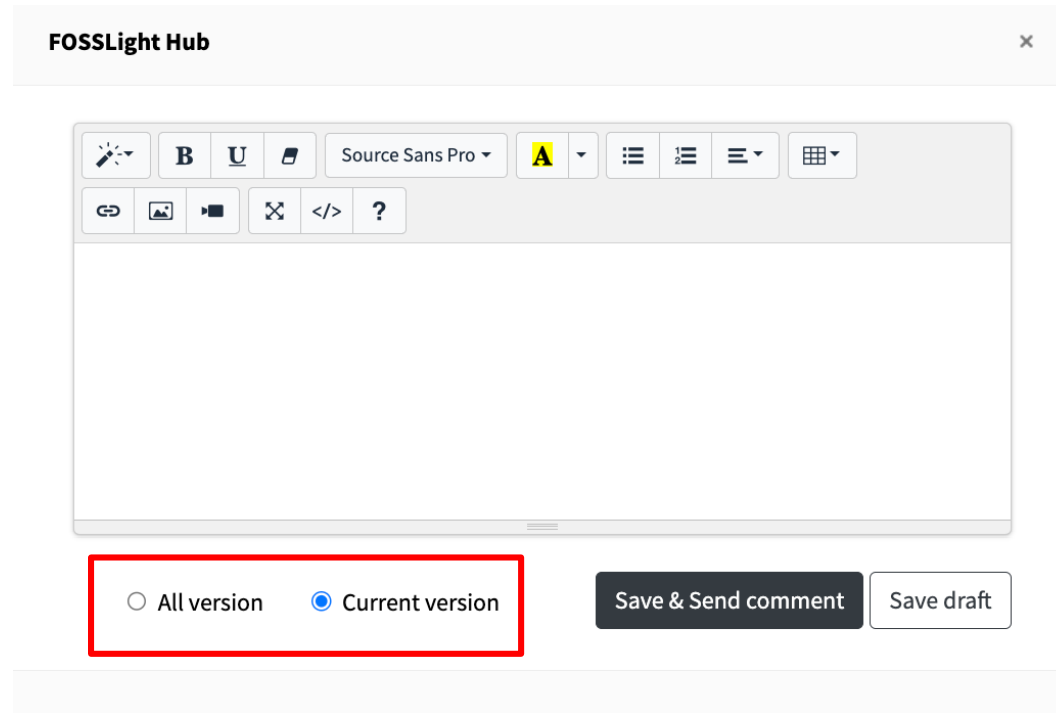
OSS Name ⓘ	uip									
Nickname	adamdunkels-uip									
OSS Version	1.0									
Vulnerability Info ◀										
OSS Type										
Declared License	<table border="1"> <thead> <tr> <th>License</th> </tr> </thead> <tbody> <tr> <td>BSD-3-Clause</td> </tr> </tbody> </table>	License	BSD-3-Clause							
License										
BSD-3-Clause										
Detected License										
Restriction										
License Type	Permissive									
Obligation										
Download Location	<a href="https://github.com/adamdunkels/uip">https://github.com/adamdunkels/uip</a> (pkg:github/adamdunkels/uip)									
Home Page	<a href="https://www.ri.se/sv/refdom=sics.se">https://www.ri.se/sv/refdom=sics.se</a>									
Copyright	Copyright (c) 2004, Swedish Institute of Computer Science Copyright (c) 2006, Swedish Institute of Computer Science Copyright (c) 2001-2003, Adam Dunkels									
Summary Description										
Attribution										
Vulnerability <span>+More</span>	<table border="1"> <thead> <tr> <th>CVE ID</th> <th>NVD Score</th> <th>Published Date</th> </tr> </thead> <tbody> <tr> <td><a href="#">CVE-2020-17438</a></td> <td><b>CRITICAL</b></td> <td>2020-12-15 16:34:08</td> </tr> <tr> <td><a href="#">CVE-2020-17439</a></td> <td><b>HIGH</b></td> <td>2020-12-15 15:36:04</td> </tr> </tbody> </table>	CVE ID	NVD Score	Published Date	<a href="#">CVE-2020-17438</a>	<b>CRITICAL</b>	2020-12-15 16:34:08	<a href="#">CVE-2020-17439</a>	<b>HIGH</b>	2020-12-15 15:36:04
CVE ID	NVD Score	Published Date								
<a href="#">CVE-2020-17438</a>	<b>CRITICAL</b>	2020-12-15 16:34:08								
<a href="#">CVE-2020-17439</a>	<b>HIGH</b>	2020-12-15 15:36:04								

## 공통정보

- OSS Name
- Nickname
- Download Location
- Homepage
- Summary Description



# Open Source 정보 분리: 공통 / 버전별 정보



# Review Report

- BOM 탭 / 3rd party 기준으로 OSS Review, License Review, Vulnerability Review 대상이 1건 이상 있는 경우 생성됨
- **OSS Review**
  - Summary Description이 있는 OSS
- **License Review**
  - User Guide가 있는 License (Permissive 제외)
  - Restriction이 있는 License
- **Vulnerability Review**
  - 기준 점수 이상의 보안취약점이 검출된 OSS

FOSSLight Review Report

[min.prj\(1\\_Copied\)](#)

Report Summary

Project	<a href="#">min.prj(1_Copied)</a>
Date	2024-07-05
Requestor	kyungsun.min
Reviewer	kyungsun.min

OSS Review

OSS Name	OSS Version	Summary Description
stm32cubef4		3rd party source에 GPL 2.0, BSD-3 등 다른 license 파일이 있으므로 확인 필요.

License Review

License Name	User Guide	Restriction
MCD-ST Liberty SW License	4조에 의해 이 Software는 STMicroelectronics에서 제조한 micro controller 또는 microprocessor devices에서만 실행해야 합니다. 4. This software, including modifications and/or derivative works of this software, must execute solely and exclusively on microcontroller or microprocessor devices manufactured by or for STMicroelectronics.	Platform Deployment Restriction
AGPL-3.0	네트워크 서버 형태로 오픈 소스 소프트웨어를 이용하는 경우에도 GPL-3.0 요구사항 준수가 필요합니다. Using the software for network server requires to comply with the license obligations of GPL-3.0. 단, 수정하지 않은 경우 Source code 공개 및 License 고지의무가 발생하지 않습니다. However, if it is not modified, there is no obligation to disclose the source code or notify the License. AGPL-3.0 : <a href="http://collab.lge.com/main/x/WrXSFg">http://collab.lge.com/main/x/WrXSFg</a> GPL-3.0 : <a href="http://collab.lge.com/main/x/ULXSFg">http://collab.lge.com/main/x/ULXSFg</a>	Network Copyleft
GPL-2.0	배포 시 저작권 및 License 고지가 요구되며, 원본 저작물 및 파생저작	

Vulnerability

OSS Name	OSS Version	Max Score	Vulnerability Link
Linux Kernel	2.0.1	10.0	<a href="http://osc-dev.lge.com/vulnerability/vulnpopup?ossName=Linux Kernel&amp;ossVersion=2.0.1">http://osc-dev.lge.com/vulnerability/vulnpopup?ossName=Linux Kernel&amp;ossVersion=2.0.1</a>

**Project Name (Version)**

- 해당 project의 share url 링크 제공

**Report Summary**

- Project Name(Version) , Date, Requestor, Reviewer

**OSS Review**

- Summary description이 있는 OSS

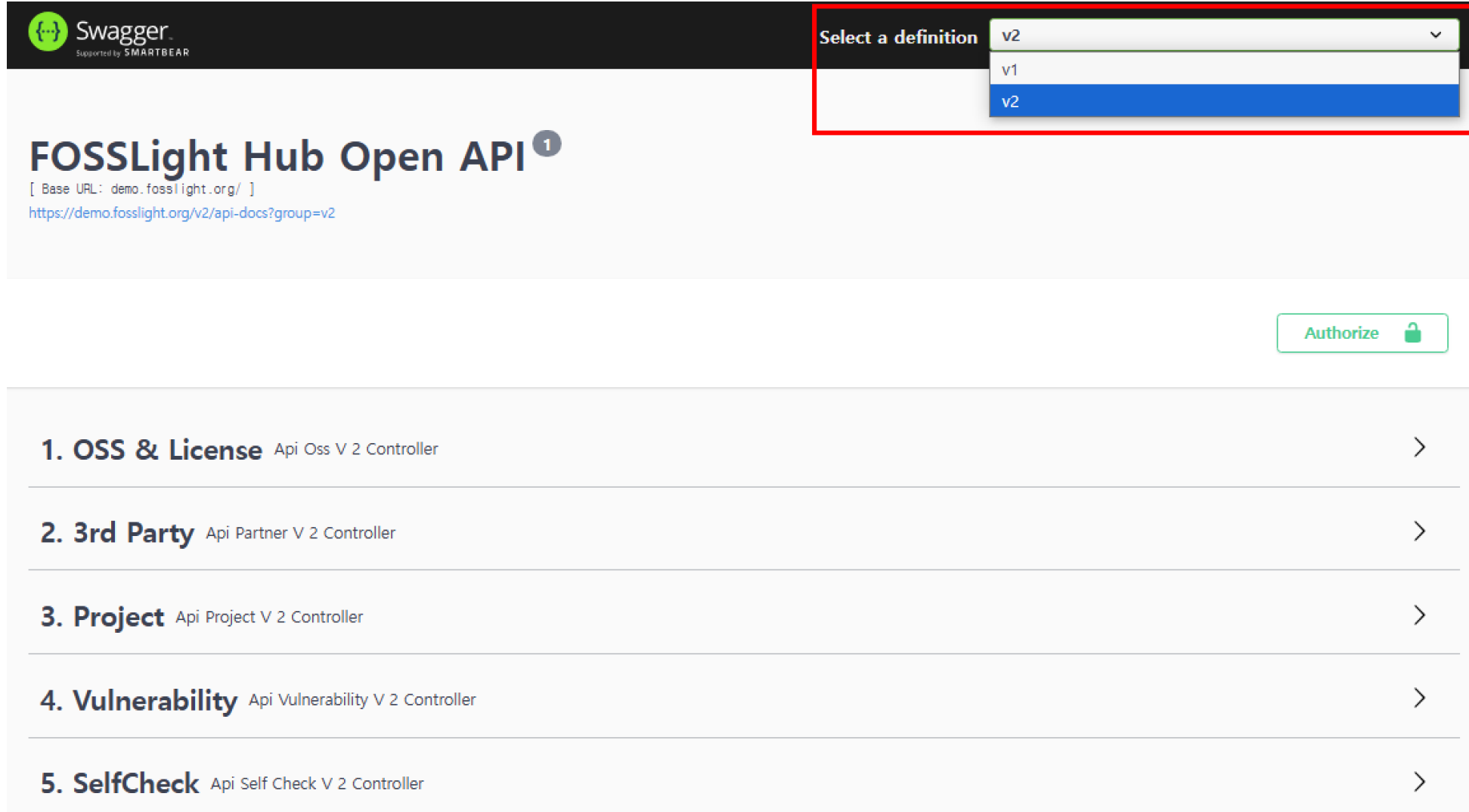
**License Review**

- User guide가 있는 license (permissive 제외)
- Restriction이 있는 license

**Vulnerability**

- 기준 점수 이상의 보안취약점이 검출된 OSS

# API V2




Swagger  
Supported by SMARTBEAR

Select a definition v2 v1 v2

## FOSSLight Hub Open API <sup>1</sup>

[ Base URL: demo.fosslight.org/ ]  
<https://demo.fosslight.org/v2/api-docs?group=v2>

Authorize 

- 1. OSS & License** Api Oss V 2 Controller >
- 2. 3rd Party** Api Partner V 2 Controller >
- 3. Project** Api Project V 2 Controller >
- 4. Vulnerability** Api Vulnerability V 2 Controller >
- 5. SelfCheck** Api Self Check V 2 Controller >

# API V2: 주요 변경점

- Restful API 규칙에 맞춰 API 명 변경 / API 통합

**V1**

## 1. OSS & License Api Oss Controller

GET `/api/v1/downloadlocation_search` Search OSS Info by downloadLocation

GET `/api/v1/oss_search` Search OSS List

## 3. Project Api Lge Project Controller

GET `/api/v1/create_project` Create Project

**V2**

## 1. OSS & License Api Oss V 2 Controller

GET `/api/v2/oss` Search OSS List

## 3. Project Api Lge Project V 2 Controller

POST `/api/v2/projects` Create Project

# API V2: 주요 변경점

- **Swagger UI 편의성 강화: Authorization 통합**
  - Swagger UI 사용 시 1회만 Authorization(token) 인증 후 사용가능

Swagger  
Supported by SMARTBEAR

Select a definition v2

## FOSSLight Hub Open API<sup>1</sup>

[ Base URL: 10.177.230.114:8180/ ]  
<http://10.177.230.114:8180/v2/api-docs?group=v2>

1. OSS & License Api Oss V 2 Controller

2. 3rd Party Api Partner V 2 Controller

Available authorizations

authorization header value (apiKey)

Name: Authorization  
In: header

Value:

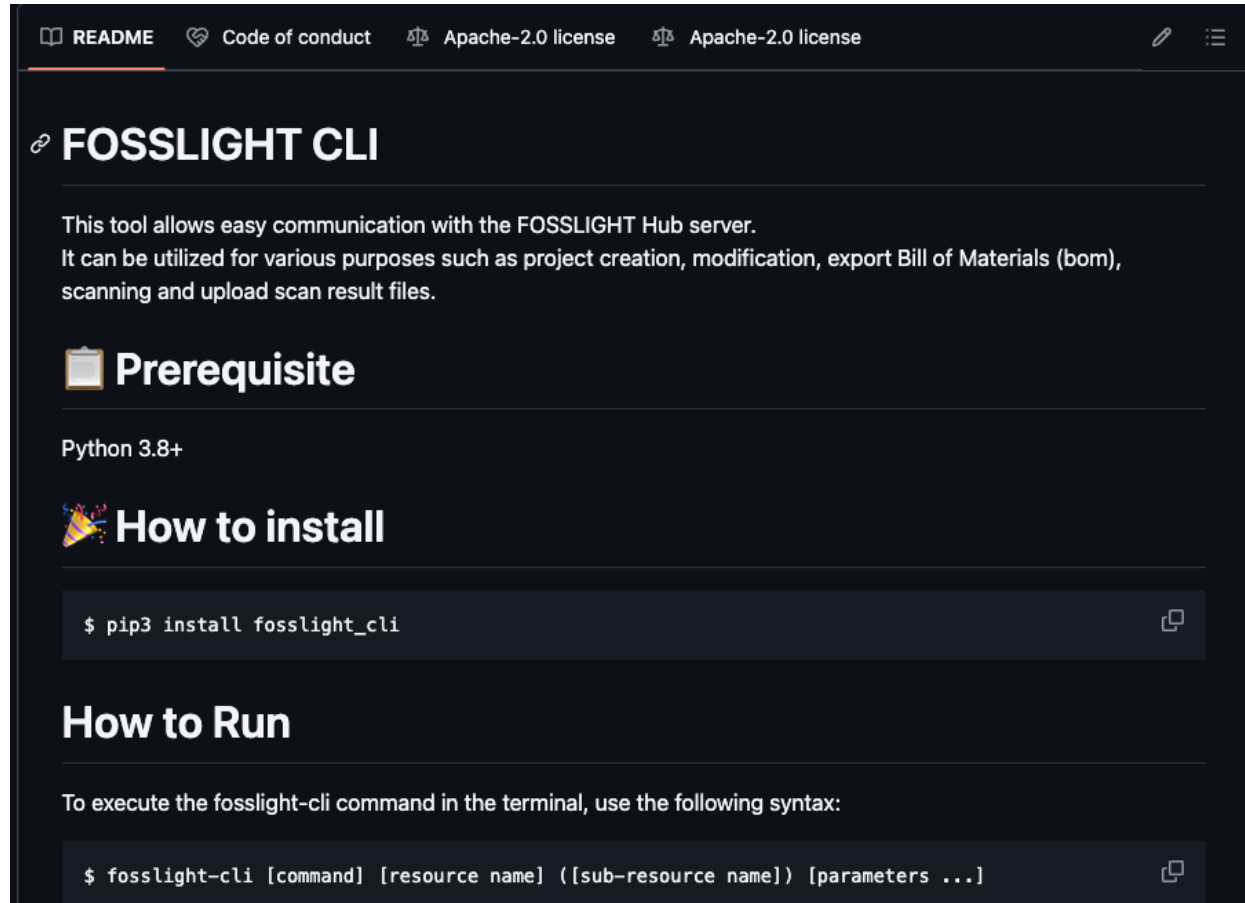
Authorize Close

Click!

Authorize

# FOSSLight CLI

- CLI GitHub: [https://github.com/fosslight/fosslight\\_cli](https://github.com/fosslight/fosslight_cli)



The screenshot shows the GitHub repository page for FOSSLIGHT CLI. The page title is "FOSSLIGHT CLI". Below the title, there is a description: "This tool allows easy communication with the FOSSLIGHT Hub server. It can be utilized for various purposes such as project creation, modification, export Bill of Materials (bom), scanning and upload scan result files." There are two "Apache-2.0 license" badges. The "Prerequisite" section indicates "Python 3.8+". The "How to install" section shows the command: `$ pip3 install fosslight_cli`. The "How to Run" section states: "To execute the fosslight-cli command in the terminal, use the following syntax:" and shows the command: `$ fosslight-cli [command] [resource name] ([sub-resource name]) [parameters ...]`.

**Apply command:**

yamI로 미리 command를 선언해놓고 한번에 실행 가능

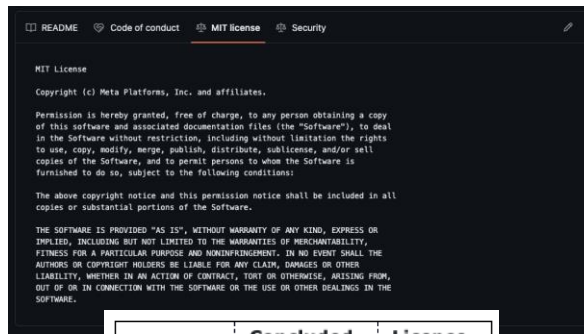
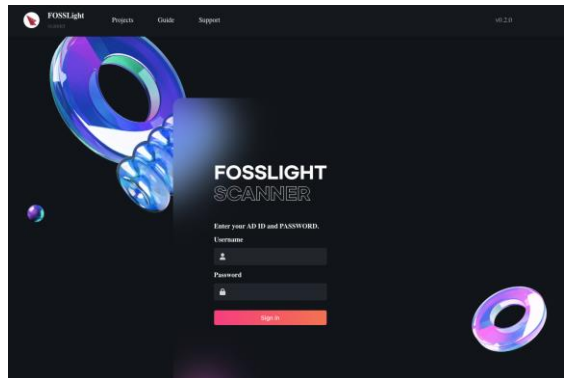
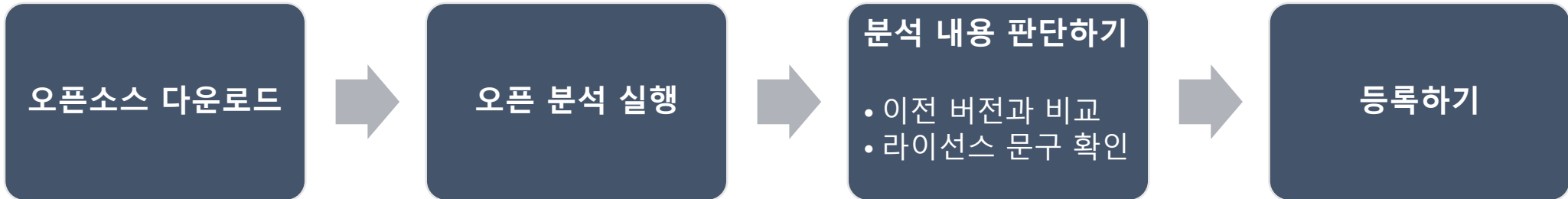
## Apply

Functionality to perform actions defined in a file all at once.

Actions are distinguished based on the kind value.

# CoReviewer 도입 (Enterprise)

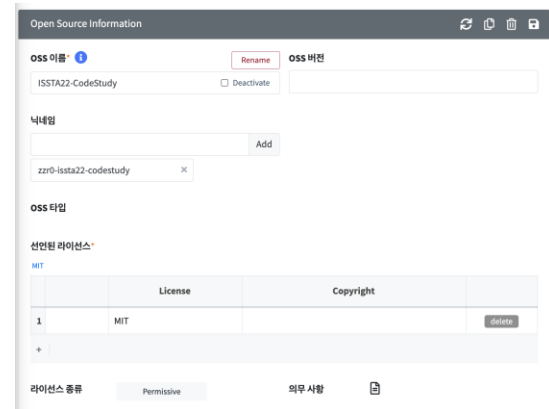
- 오픈소스 리뷰의 자동화 도입
- 자동 분석이 없을 때 리뷰 과정..




[Home](#) [Search](#) [Browse](#) [Upload](#) [Jobs](#) [Organize](#) [Admin](#) [Help](#)  
**Getting Started with FOSSology**  
 Version: [4.2.1.0], Branch: [master], Commit: [89a0a6e] 2022/11/15 19:13 +09:00 built @ 2022/12/05 00:31 +09:00  
 FOSSology

Scanner Count	Concluded License Count	License Name
2	0	Apache-2.0
1	0	See-URL
1	0	Python

Showing 1 to 3 of 3 licenses





# CoReviewer 도입 (Enterprise)

- 오픈소스 리뷰의 자동화 도입
- 자동화를 통해 빠른 리뷰!

버튼클릭



오펜 분석 자동 등록  
& 결과 리포트

ThinQ App CEM (5005.01) | Request | Identification > Packaging > Distribution | Need to resolve(9.1)  Do not register in binary DB **Auto Review** Review Start Comment Help ▾

3rd party DEP SRC BIN BOM

Auto Analysis OSS bulk registration Save (Binary DB)

ID	Referenc	OSS Name	OSS Version	License	Download Locatic	Homepage	Copyright Text	Vulnerability	Depends C	Notify	Source	Restrictio	admin check
1	SRC	CEM Unconfirmed open so		LGE Proprietary Li									<input type="checkbox"/>
2	DEP	npm:chartist	0.11.4	MIT OR WTFPL Declared : MIT OR WTI	<a href="https://github.com">https://github.com</a>	<a href="https://www">https://www</a>							<input type="checkbox"/>
5	DEP	npm:@jridgewell	1.4.11	MIT	<a href="https://github.com">https://github.com</a>	<a href="https://www">https://www</a>	Not the same as propi	Not the same a					<input type="checkbox"/>

## [CoReviewer] FAIL 분석결과 Report Example

1. npm:@bull-board/express (5.18.1)  
reason : [Existed] [bull-board \(5.18.1\)](#)
2. npm:@bull-board/nestjs (5.18.1)  
reason : [Existed] [bull-board \(5.18.1\)](#)
3. npm:@bull-board/ui (5.18.1)  
reason : [Existed] [bull-board \(5.18.1\)](#)
4. npm:@nestjs/bull (10.0.1)  
reason : Unknown error.
5. npm:@nestjs/bull-shared (10.0.1)  
reason : Unknown error.
6. npm:@nestjs/common (10.2.4)  
reason : [Diff Need Review] [nest \(10.3.8\)](#) : [mpl-2.0]
7. npm:@nestjs/core (10.2.4)  
reason : [Diff Need Review] [nest \(10.3.8\)](#) : [mpl-2.0]
8. npm:@nestjs/platform-express (10.2.4)  
reason : [Diff Need Review] [nest \(10.3.8\)](#) : [mpl-2.0]
9. npm:@nestjs/testing (10.0.0)  
reason : [Diff Need Review] [nest \(10.3.8\)](#) : [mpl-2.0]
10. npm:@types/node (20.5.7)  
reason : [Existed] [DefinitelyTyped \(\)](#)

## [CoReviewer] SUCCESS (NEED TO CHECK)

1. node redis (client@1.5.11)  
infoMsg : [Saved Diff Version] User Input : 1.5.11 / Saved : client@1.5.11
2. node redis (search@1.1.5)  
infoMsg : [Saved Diff Version] User Input : 1.1.5 / Saved : search@1.1.5

## [CoReviewer] SUCCESS

1. bull-board (5.18.1)
2. cache-manager (2.11.0)
3. nestjs-config (3.0.1)
4. mapped-types (2.0.2)
5. typeorm (10.0.0)
6. bull (4.12.0)
7. cache-manager (5.2.4)

# CoReviewer 도입 (Enterprise)

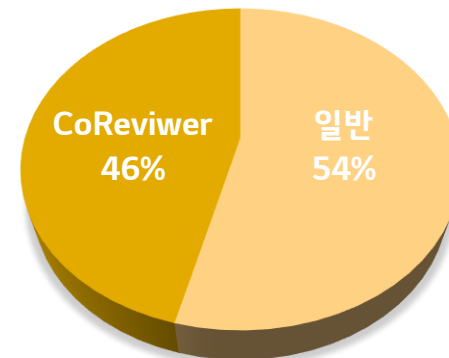
- 오픈소스 리뷰의 자동화 도입
- 자동화를 통해 빠른 리뷰!
- 장점:

**Reviewer**는 반복작업을 단순화  
리뷰시간 단축  
**Reviewer**의 확인이 필요한 부분에 좀 더 집중 가능

**Requestor**는 리뷰 시간이 단축되어  
프로세스 진행 소요시간이 감소됨



## 등록 건수



■ 일반 ■ CoReviewer

# fosslight.org

🏠 FOSSLight Hub Guide

**FOSSLIGHT HUB GETTING STARTED**

Quick Start

**FOSSLIGHT HUB MENU**

1. Sign In & Sign Up
2. License
3. Open Source
4. Project
5. 3rd Party
6. Binary DB
7. Vulnerability
8. Self-Check
9. System

**FOSSLIGHT HUB BASIC TUTORIALS**

☰ Project

- ☑ Project의 Process
- ☑ ★ Tips for Project

Self-Check

**FOSSLIGHT HUB TIPS**

- ☑ Tips: Common
- ☑ Tips: Project
- ☑ Tips: Use Case
- ☑ Tips: Vulnerability

🏠 / tutorial / 1\_project.md

English / 📄

## Project Tutorial

### Note

Project를 생성하고 OSC(Open Source Compliance) Process를 수행합니다.

1. Project 생성
2. Identification 작성
3. Packaging 수행
4. OSS Notice 다운로드



### Project의 Process

#### 1. Create a Project

배포하는 Software에 대하여 Project를 생성합니다.



**감사합니다**

