

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

ID Project Name Created Date ~

Creator Reviewer Watcher

Distribution Type Network Service Model Name

Status Progress Request Review Complete Drop

Priority Division

<input type="checkbox"/>	ID	Project Name (Version)	Status	Identification	Packaging	Download	Security	Vulnerability	CVE ID	Division	Creator	Created Date	Updated Date	Reviewer	Additional Information
<input type="checkbox"/>	1	test project	P	<input type="button" value="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 the following columns: ID, Project Name, Status, OSC Process, Download, Security, and Creator. The table contains several rows of project data, including 'datafile collector', 'test_sec_mail', 'Test empty.project (1.0)', 'dep-test (1)', 'qwer (1.0)', and 'test.prj'. A yellow callout box with a star icon and the text 'UI 2.0 정책' is overlaid on the table, listing three key UI changes:

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"/>	>= <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. CRITICAL	CRITICAL	✓	✓		<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

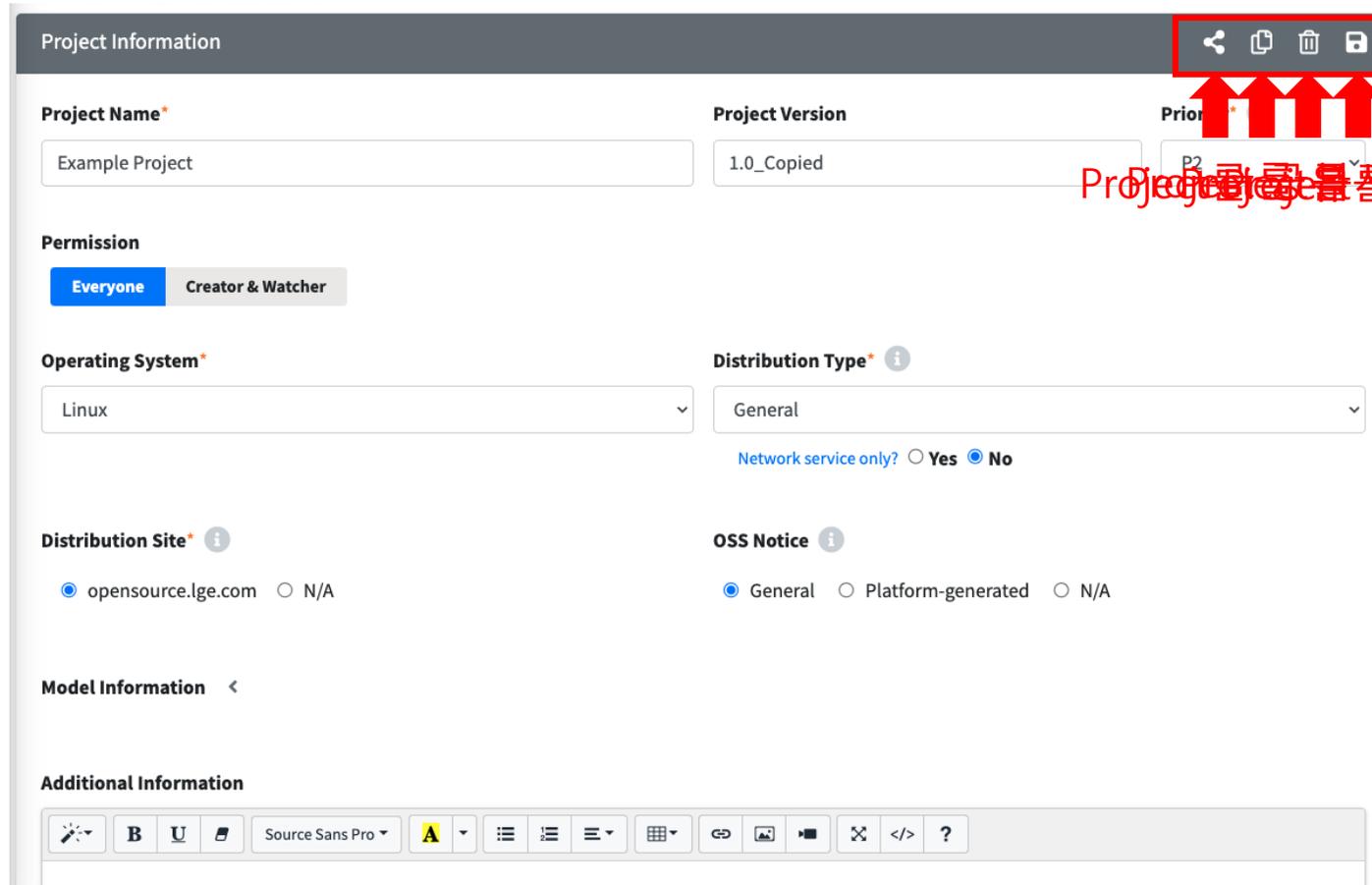
상단 Status bar 추가

- 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



Project Name를 클릭 저장

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 Loca	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	Sample Project (OSPO) (1.0)	Progress	Identification > Packaging		Need to resolve(9.8)	abbbb
<input type="checkbox"/>	747	datafile collector	Progress	Identification > Packaging		Need to resolve(9.8)	abbbb
<input type="checkbox"/>	737	test_sec_mail	Request	Identification > Packaging		Discovered(N/A)	abbbb
<input type="checkbox"/>	736	Test empty project (1.0)	Request	Identification > Packaging		Discovered(N/A)	abbbb
<input type="checkbox"/>	735	dep-test (1)	Request	Identification > Packaging		Discovered(N/A)	Andrei Nikolov
<input type="checkbox"/>	734	qwer (1.0)	Request	Identification > Packaging		Discovered(N/A)	abbbb
<input type="checkbox"/>	733	test_prj	Request	Identification > Packaging		Need to resolve(9.9)	abbbb
<input type="checkbox"/>	732	my.project coffee	Request	Identification > Packaging		Need to resolve(9.8)	HyeinLee
<input type="checkbox"/>	731	a123sdfs	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	Example Project (1.0 Copied)	Review	Identification > Packaging > Distribution		General	Discovered(N/A)	CTO SW센터	이해인/선임연	2024-05-22	2024-05-27	이해인/선임연		
5435	new project create test (1 Copied)	Review	Identification > Packaging > Distribution		General	Discovered(6.1)	CTO ICT기술센	일반이해인	2024-05-17	2024-05-23	이해인/선임연		
5430	Test empty file project	Review	Identification > Packaging > Distribution		General	Discovered(N/A)	CTO SW센터	이해인/선임연	2024-05-14	2024-05-22			
5425	project copy test (1.0)	Progress	Identification > Packaging > Distribution		General	Need to resolve(9.8)	CTO SW센터	시스템관리자	2024-04-29	2024-05-17	민경선/책임연		
5422	security test 1	Review	Identification > Packaging > Distribution		General	Need to resolve(7.5)	CTO ICT기술센	일반민경선	2024-04-26	2024-05-24	민경선/책임연		
5417	Test_project_open (1.0.0)	Progress	Identification > Packaging > Distribution		General	Need to resolve(7.5)	CTO SW센터	이해인/선임연	2024-04-22	2024-05-22	이해인/선임연		
5416	test project identification hi (0.0.1)	Progress	Identification > Packaging > Distribution		General	Need to resolve(9.8)	CTO SW센터	이해인/선임연	2024-04-18	2024-05-21	이해인/선임연		
5411	testttt (tttt Copied Copied)	Progress	Identification > Packaging > Distribution		General	Discovered(7.8)	CTO SW센터	김소임/책임연	2024-04-17	2024-05-03	이해인/선임연		
5405	binary text test project (1.0.0)	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. The background interface also shows a pagination bar at the bottom with 'Page 1 of 55' and a dropdown menu set to '15'. The bottom right corner of the page shows 'Count : 811'.

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 button. Below the search bar is a table with 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"/>	test_urlurl	R	✓	
<input type="checkbox"/>	Vit Condak fonts Test License test		✓	
<input type="checkbox"/>	The GitLab Enterprise Edition (EE).license			
<input type="checkbox"/>	test20231102 (이름 중복안됨)	R	✓	
<input type="checkbox"/>	chicken license2		✓	
<input type="checkbox"/>	BSD Test		✓	
<input type="checkbox"/>	test 7.0 License	R	✓	

목록화면 공통: 검색 창 간소화

- Advanced Search를 누르면 메뉴 별로 상세 검색 가능

The screenshot shows the FOSSLight web application interface. On the left is a dark sidebar with navigation items: 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. Below the search bar is a table with columns: License Name, Restriction, Notice, and Source. The table contains several rows of license entries, some with a yellow 'R' icon in the Restriction column and a checkmark in the Notice column.

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

목록화면 공통: 검색 창 간소화

- Advanced Search를 누르면 메뉴 별로 상세 검색 가능

The screenshot displays the FOSSLight application interface. On the left is a dark sidebar with navigation items: Dashboard, License (highlighted), Open Source, Project, 3rd Party, Binary DB, Vulnerability, Self-Check, and User Settings. The main content area shows a search form for licenses. The form is enclosed in a red border and contains the following elements:

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

Below the search form, 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 left sidebar contains a menu with items: Dashboard, License, Open Source, Project, 3rd Party, Binary DB, Vulnerability, Self-Check, User Settings, and System. 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 highlighted, showing fields for Project Name, Project Version, Priority, Permission, Security Mail, Operating System, and Distribution Type. A yellow callout box on the right side of the screen contains the text '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:

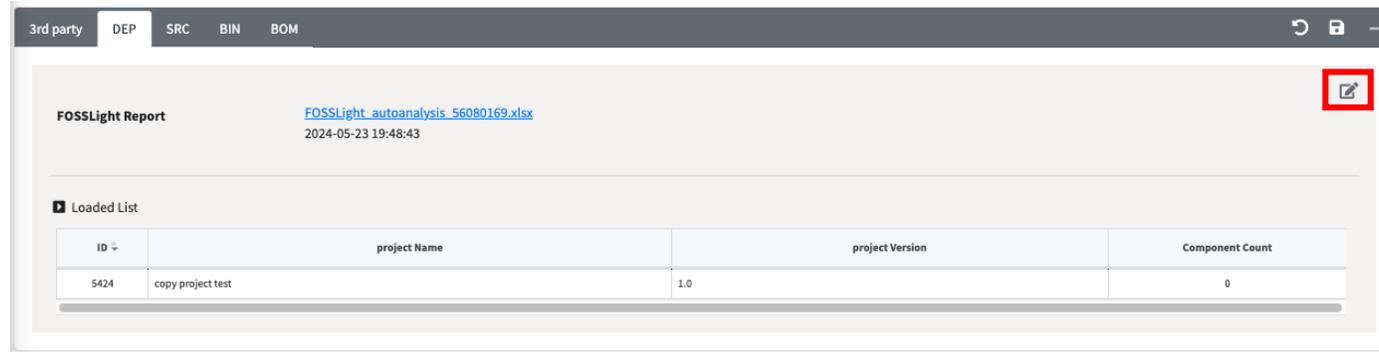
Project Name	Sample Project (OSPO)
Project Version	1.0
Priority <i>i</i>	P2
Permission	Everyone
Security Mail (Vulnerability)	Enable
Operating System	Linux
Distribution Type <i>i</i>	General
Model Information <i>⏏</i>	
Additional Information	For community day 24.11.12
Watcher	
Creator	abbbb
Division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

3rd party DEP SRC BIN BOM

Upload Analysis Result
 Project Search
 Not Applicable

FOSSLight Report

Upload Drag & Drop Files

FOSSLight_autoanalysis_56080169.xlsx x
2024-05-23 19:48:43

3rd party DEP SRC BIN BOM

Upload Analysis Result
 Project Search
 Not Applicable

Project Name Search

Loaded List

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

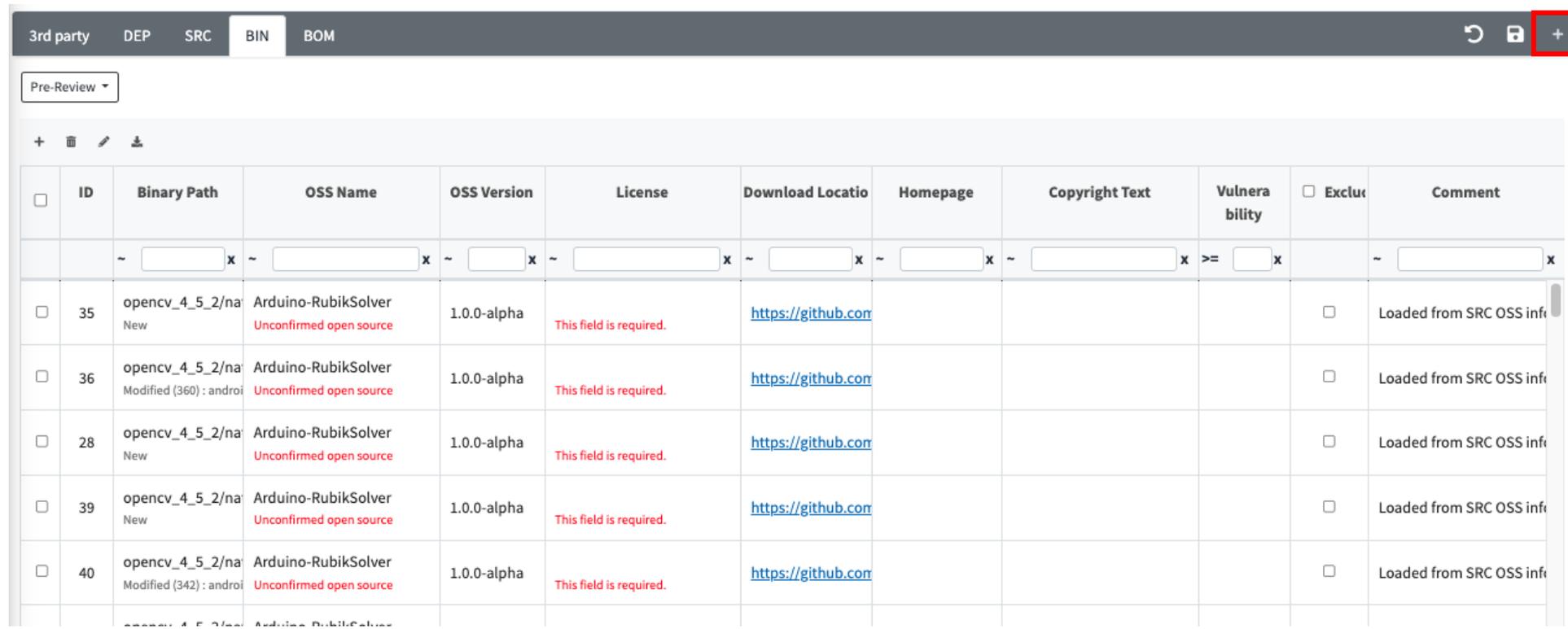
ID	project Name	project Version	Component Count
5424	copy project test	1.0	0

가독성 향상: 상세 정보 숨기기 기능

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

로드 정보 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.	https://github.com				<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.	https://github.com				<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.	https://github.com				<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.	https://github.com				<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.	https://github.com				<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	https://github.com/ Not the same as	https://www. Not the same as			<input type="checkbox"/>	transitive	
2	pkg:npm/%40emotion/rea	npm:@emotion/rea	11.11.1	MIT	https://github.com/ Not the same as	https://www. Not the same as			<input type="checkbox"/>	direct	npm:@babel/runt
5	pkg:npm/%40emotion/cac	npm:@emotion/cac	11.11.0	MIT	https://github.com/ Not the same as	https://www. Not the same as			<input type="checkbox"/>	transitive	npm:@emotion/n
4	pkg:npm/%40emotion/styl	npm:@emotion/styl	11.11.0	MIT	https://github.com/ Not the same as	https://www. Not the same as			<input type="checkbox"/>	direct	npm:@babel/runt
11	pkg:npm/%40emotion/has	npm:@emotion/has	0.9.1	MIT	https://github.com/ Not the same as	https://www.			<input type="checkbox"/>	transitive	
9	pkg:npm/%40emotion/mei	npm:@emotion/mei	0.8.1	MIT	https://github.com/ Not the same as	https://www.			<input type="checkbox"/>	transitive	
10	pkg:npm/%40emotion/bab	npm:@emotion/bab	11.11.0	MIT	https://github.com/ Not the same as	https://www.			<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	https://spdx.org/licenses/AGPL-3.0.html
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 : http://collab.lge.com/main/x/WrXSfg GPL-3.0 : http://collab.lge.com/main/x/ULXSfg</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	https://spdx.org/licenses/AGPL-3.0.html
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 : http://collab.lge.com/main/x/WrXSfg GPL-3.0 : http://collab.lge.com/main/x/ULXSfg
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 i	uip		
Nickname	adamdunkels-uip		
OSS Version	1.0		
Vulnerability Info 4			
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	https://github.com/adamdunkels/uip/pkg:github/adamdunkels/uip		
Home Page	https://www.ri.se/sv/refdom=sics.se		

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

Vulnerability Info

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

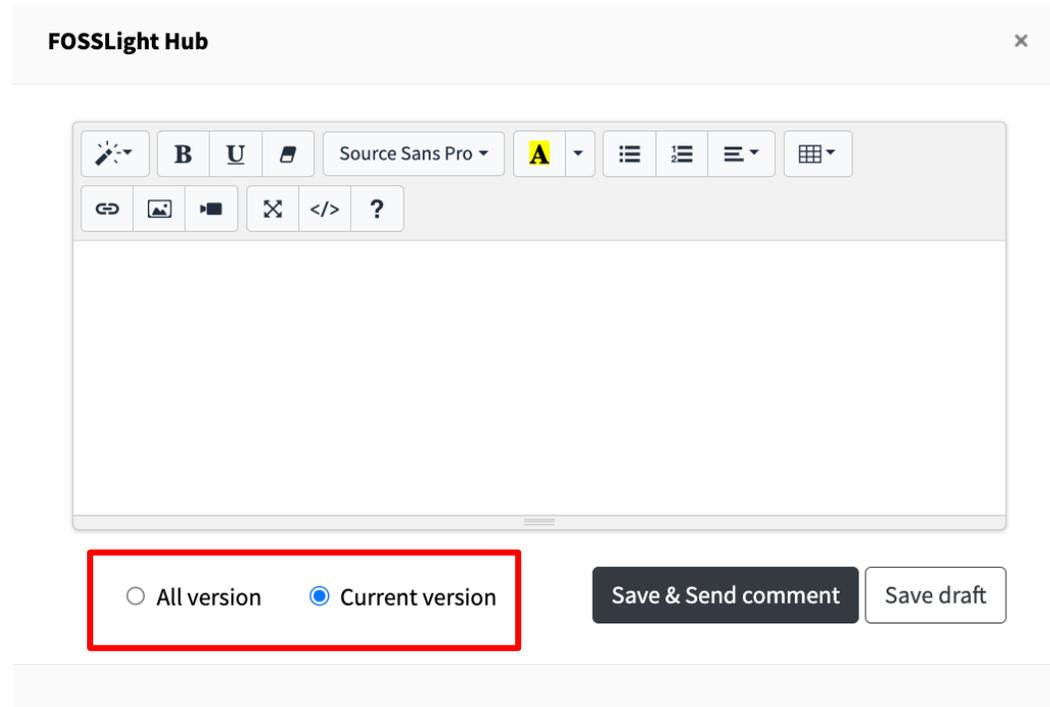
Open Source 정보 분리: 공통 / 버전별 정보

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	https://github.com/adamdunkels/uip (pkg:github/adamdunkels/uip)									
Home Page	https://www.ri.se/sv/refdom=sics.se									
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 +More	<table border="1"> <thead> <tr> <th>CVE ID</th> <th>NVD Score</th> <th>Published Date</th> </tr> </thead> <tbody> <tr> <td>CVE-2020-17438</td> <td>CRITICAL</td> <td>2020-12-15 16:34:08</td> </tr> <tr> <td>CVE-2020-17439</td> <td>HIGH</td> <td>2020-12-15 15:36:04</td> </tr> </tbody> </table>	CVE ID	NVD Score	Published Date	CVE-2020-17438	CRITICAL	2020-12-15 16:34:08	CVE-2020-17439	HIGH	2020-12-15 15:36:04
CVE ID	NVD Score	Published Date								
CVE-2020-17438	CRITICAL	2020-12-15 16:34:08								
CVE-2020-17439	HIGH	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	min.prj(1_Copied)
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 : http://collab.lge.com/main/x/WrXSFg GPL-3.0 : http://collab.lge.com/main/x/ULXSFg	Network Copyleft
GPL-2.0	배포 시 저작권 및 License 고지가 요구되며, 원본 저작권 및 파생저작권	

Vulnerability

OSS Name	OSS Version	Max Score	Vulnerability Link
Linux Kernel	2.0.1	10.0	http://osc-dev.lge.com/vulnerability/vulnpopup?ossName=Linux Kernel&ossVersion=2.0.1

Project Name (Version)

- 해당 project의 share url 링크 제공

Report Summary

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

OSS Review

- Summary description이 있는 OSS

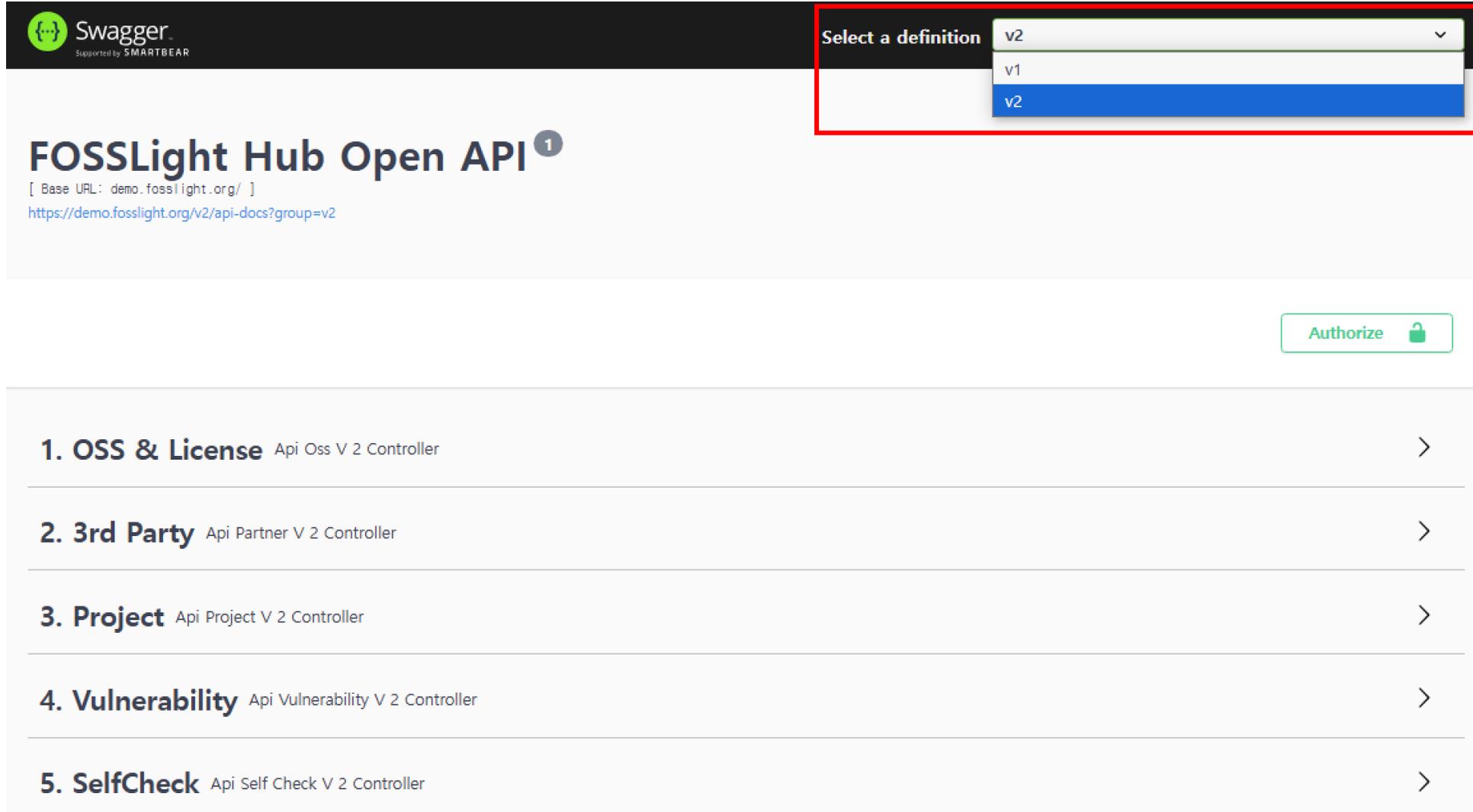
License Review

- 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 ¹

[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 API¹

[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:

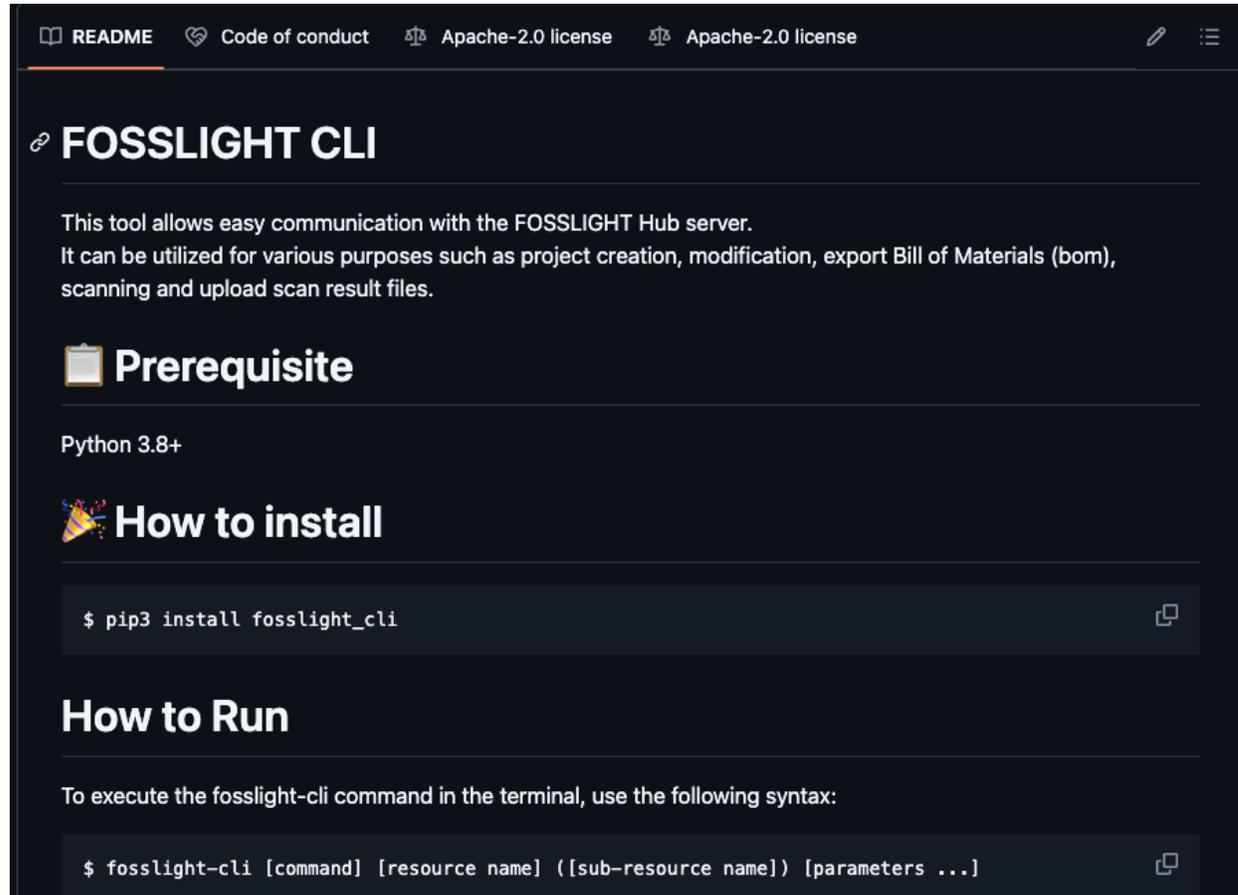
Authorize Close

Click!

Authorize

FOSSLight CLI

- CLI GitHub: https://github.com/fosslight/fosslight_cli



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

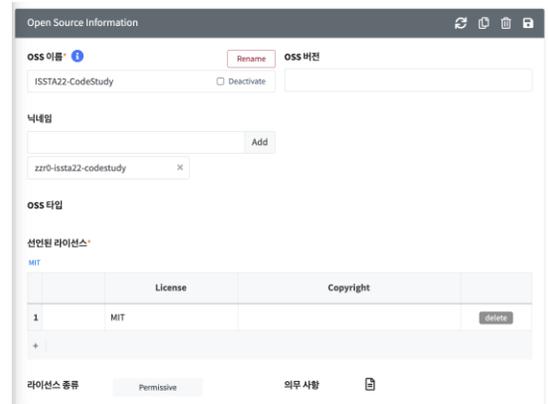
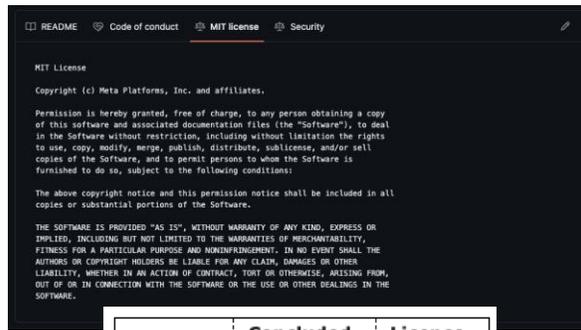
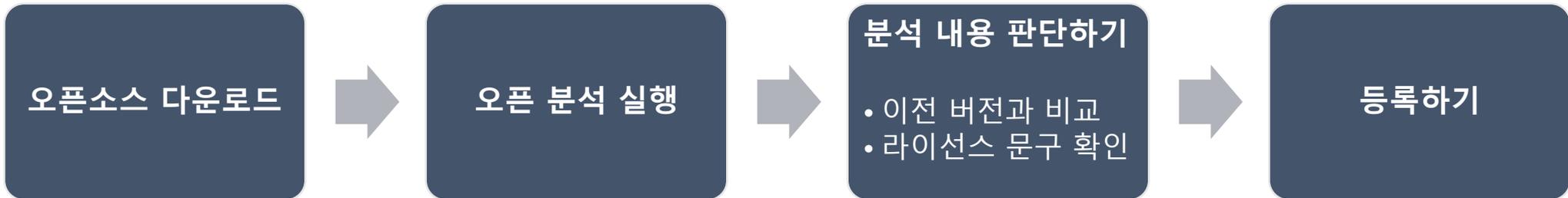
Apply

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	https://github.com	https://www							<input type="checkbox"/>
5	DEP	npm:@jridgewell	1.4.11	MIT	https://github.com	https://www	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)

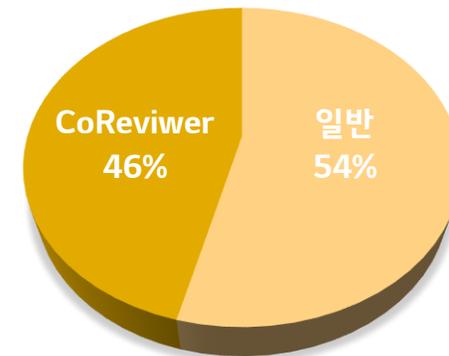
- 오픈소스 리뷰의 자동화 도입
- 자동화를 통해 빠른 리뷰!
- 장점:

Reviewer는 반복작업을 단순화
리뷰시간 단축
Reviewer의 확인이 필요한 부분에 좀 더 집중 가능

Requestor는 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

