

FOSSLight Open Source Project

2021. 06. 22

Open Source Task
김경애

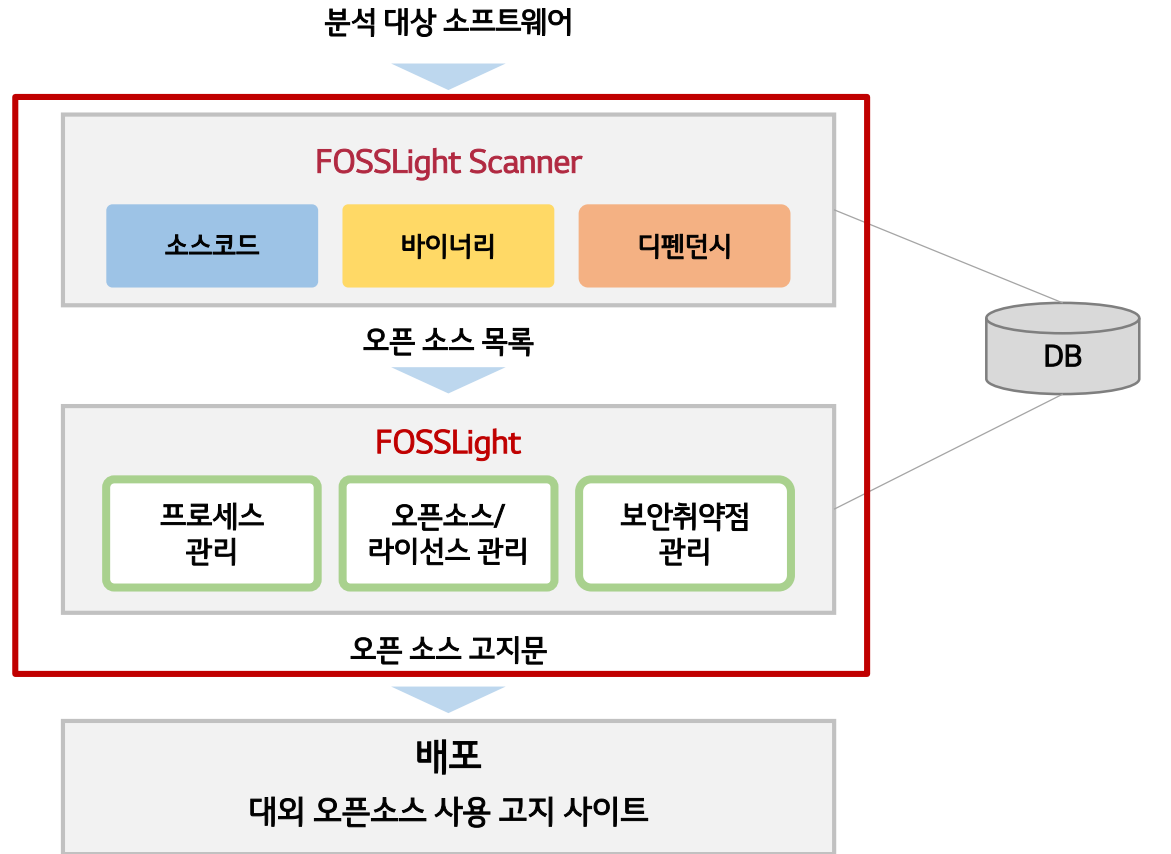


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2. Why FOSSLight?
3. FOSSLight 향후 계획

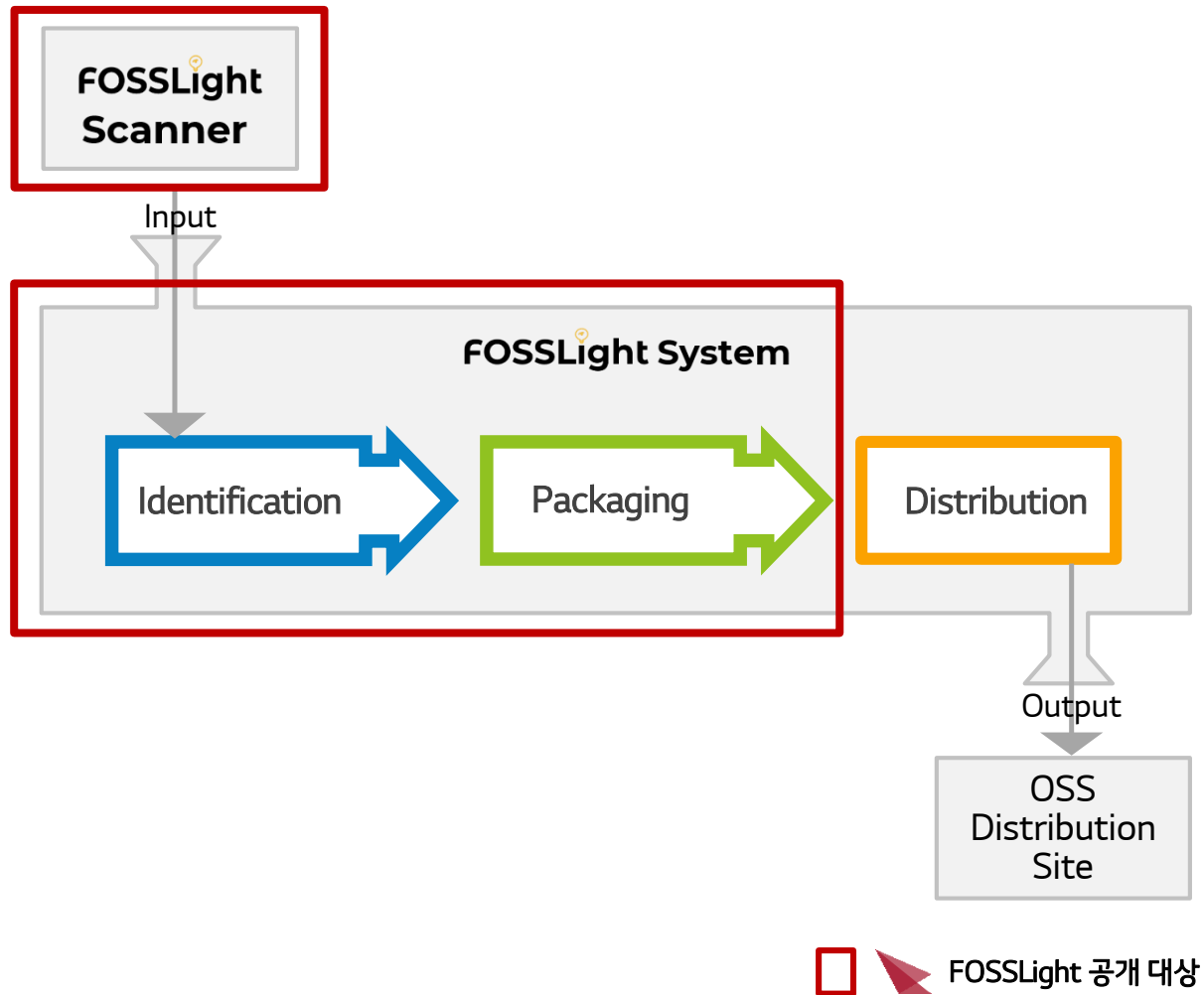
FOSSLight Open Source Project

FOSSLight Open Source Project

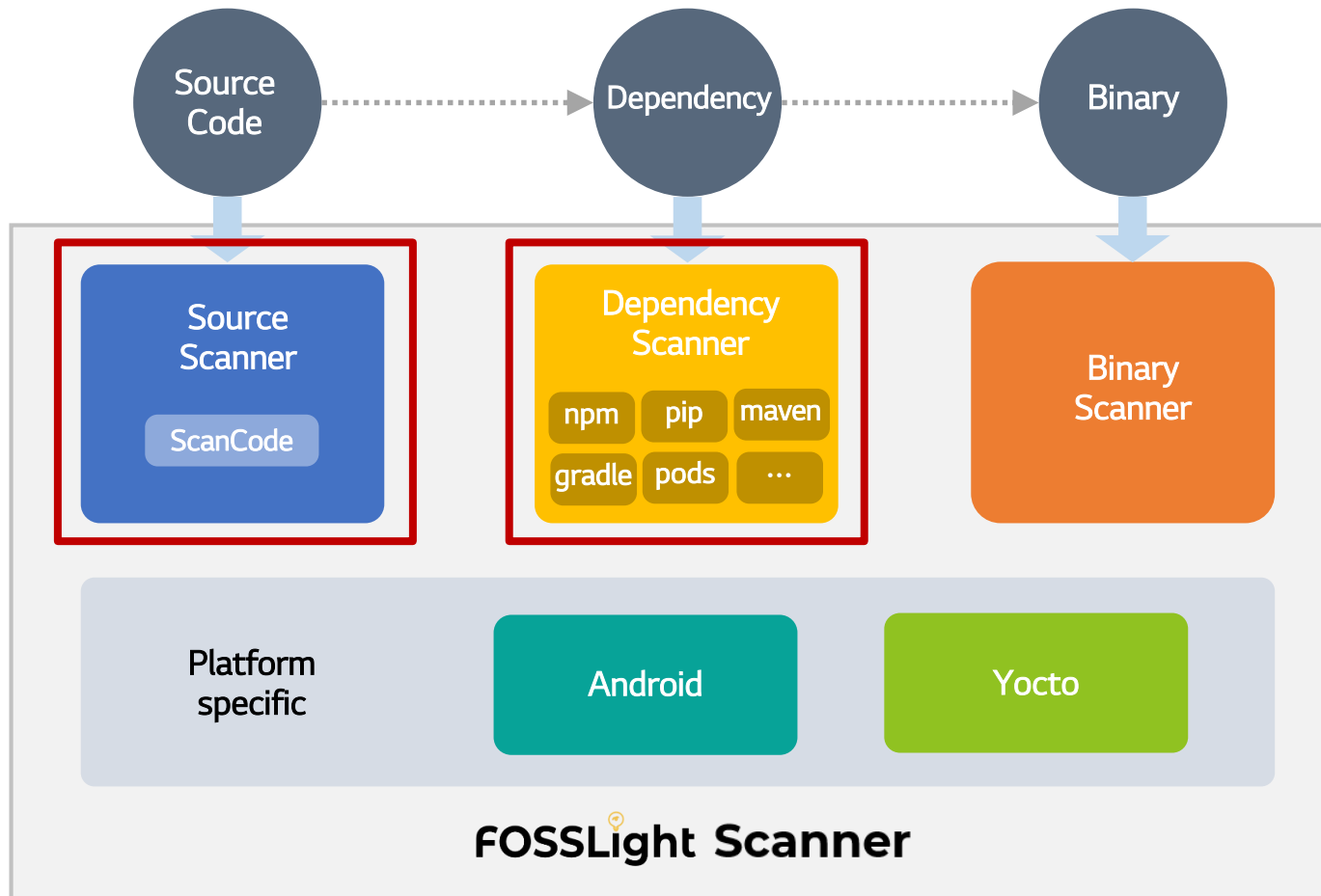


  FOSSLight 공개 대상

FOSSLight Open Source Project



FOSSLight Scanner



FOSSLight Source Scanner

❑ String Search 기반 검출

- ScanCode 활용
- Code Match 불가

❑ OSS 이름 검출 불가

❑ Source & Guide

- https://github.com/fosslight/fosslight_source_scanner
- https://github.com/fosslight/fosslight_source_scanner/blob/main/docs/README_Kor.md

FOSSLight Dependency Scanner

- ❑ 개발 환경에서 Dependency 목록에 대해 OSS 정보 출력
- ❑ 지원 가능한 Package Manager
 - Gradle (Java/Android)
 - Maven (Java)
 - NPM (Node.js)
 - Pypi (Python)
 - Pub (Dart with flutter)
 - Cocoapods (Swift/Obj-C)
- ❑ Transitive Dependency 출력
- ❑ 빌드되지 않는 환경에서 동작하지 않음

- ❑ Source & Guide
 - https://github.com/fosslight/fosslight_dependency_scanner
 - https://github.com/fosslight/fosslight_dependency_scanner/blob/main/docs/user-guide_Kor.md

FOSSLight Release soon..

❑ FOSSLight Binary Scanner

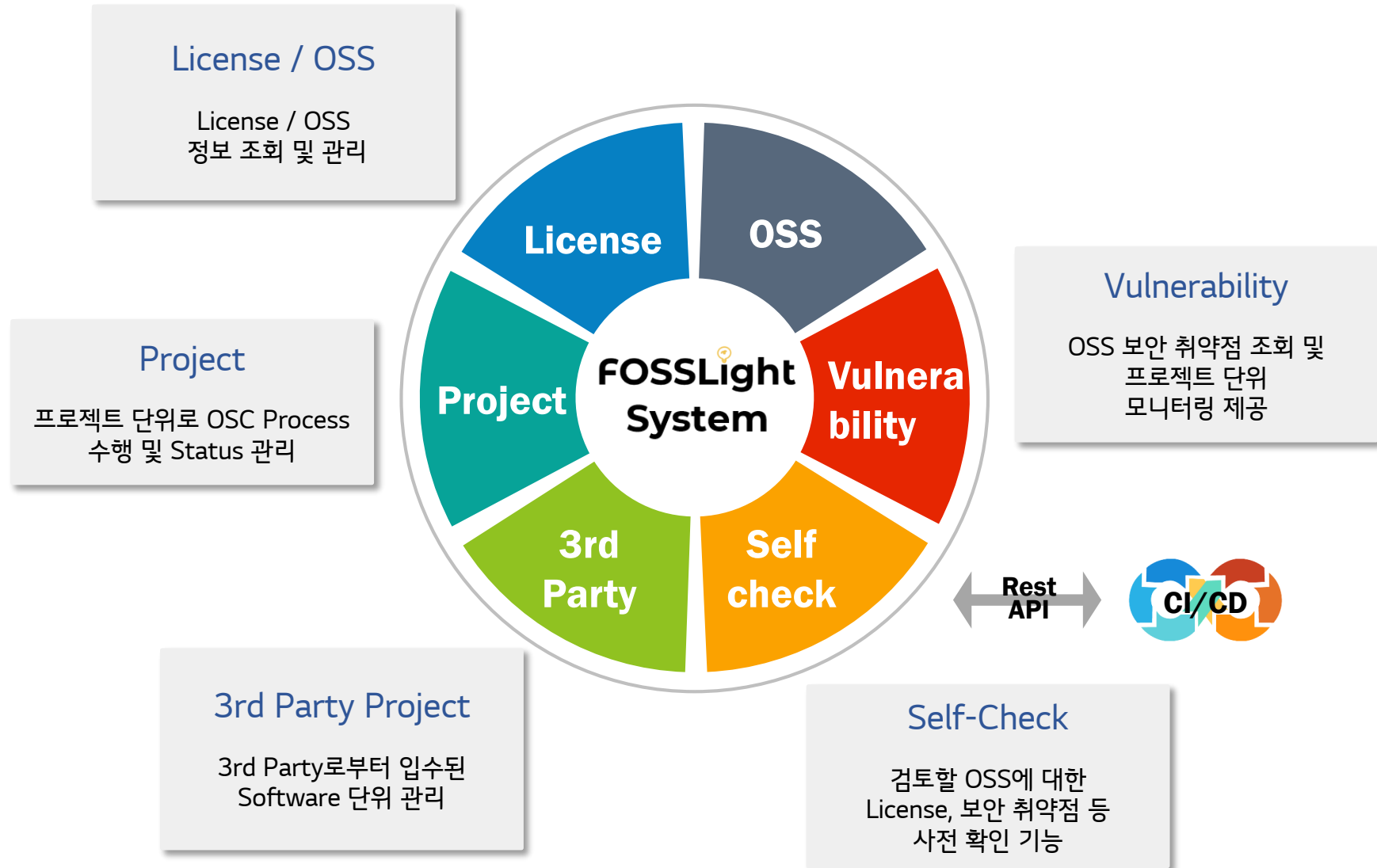
- Binary 실제 분석하는 것은 아님
- Path 내 Binary를 추출하여 checksum, TLSH 추출
- System Database와 비교하여 OSS 정보 자동 출력

❑ FOSSLight REUSE

- Reuse (<https://github.com/fsfe/reuse-tool>) 활용
- 저작권 및 라이선스 표기 규칙 확인
- OSS-pkg-info.yaml 파일 <-> FOSSLight Report 변환

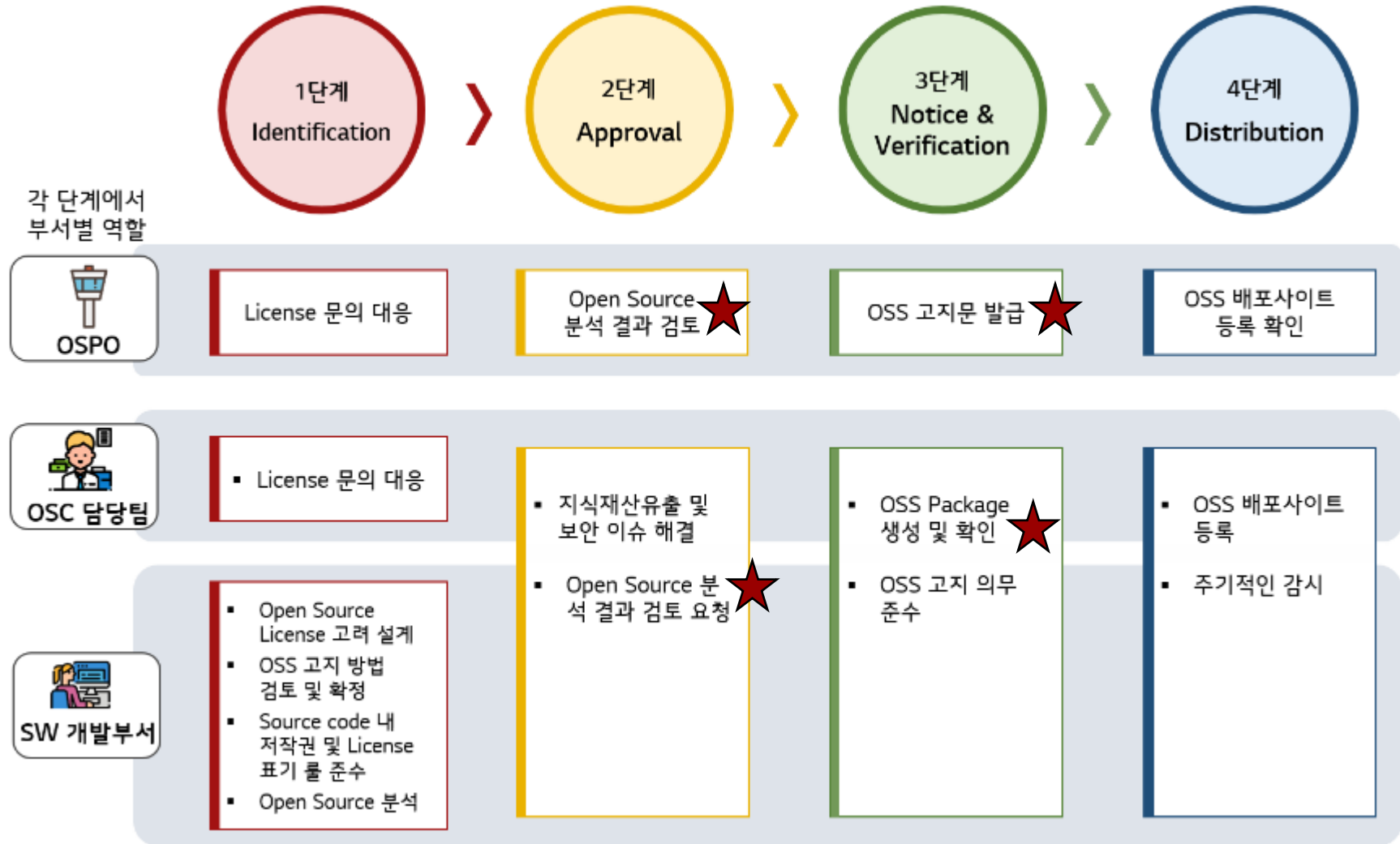
FOSSLight System

□ Open Source Compliance Process를 효율적으로 수행하는 시스템



Why FOSSLight ?

All-in-one OSC Process



SBOM Management

ID Project Name Created Date ~

Division Creator Reviewer

Distribution Type Network Service Model Name

Status Progress Request Review Complete Drop

Priority

OSS Name OSS Version License Name

Additional Information Comment

Binary Name 3rd party

Expand ▲

Excel download

Add

ID	Project Name (Version)	Status	Packaging	Identification	Download	Distribution Ty	Vulnerability	Division	Creator	Created Dat	Updated Da	Reviewer	Additional Informati
25	yally2	R	Confirm	Confirm 3rd SRC BIN		General Model	⚠		시스템관리자	2021-06-18	2021-06-18	시스템관리자	
24	yally	R	Confirm	Confirm 3rd SRC BIN		General Model	⚠		시스템관리자	2021-06-18	2021-06-18	시스템관리자	
23	MyProject 0617	P		Progress 3rd SRC BIN		General Model	⚠		시스템관리자	2021-06-17	2021-06-17	Vo Trung Ha	MyProject
22	kkhtest	R		Request 3rd SRC BIN		B2B	⚠	N/A	김광현	2021-06-16	2021-06-16		
19	testtest0	R		Request 3rd SRC BIN		General Model	⚠	N/A	서예진	2021-06-11	2021-06-11		
15	test_jquery (ver 0.5)	C	Confirm	Confirm 3rd SRC BIN		General Model	⚠	N/A	서예진	2021-06-09	2021-06-09	시스템관리자	

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View 1 - 6 of 6

OpenChain Conformance

- ❑ 1.5. 라이선스 의무 (License Obligations)
 - ❑ 3.1. BOM (Bill of Materials)
 - ❑ 3.2. License Compliance
 - ❑ 4.1. 컴플라이언스 결과물 (Compliance Artifacts)
-
- ❑ 1.1. 정책 (Policy)
 - ❑ 2.1. 접근성 (Access)
 - ❑ 5.1. 기여 (Contribution)

OpenChain Spec.

1. Program Foundation

1.1. Policy

1.2. Competence

1.3. Awareness

1.4. Program scope

1.5. License Obligations

2. Relevant tasks defined and supported

2.1. Access

2.2. Effectively resourced

3. Open source content review and approval

3.1. Bill of materials

3.2. License compliance

4. Complinance artifact creation and delivery

4.1. Compliance artifacts

5. Understanding open source community engagments

5.1. Contributions

6. Adherence to the spcification requirements

6.1. Conformance

6.2. Duration

Same OSS (Nickname)

OSS Name	JNA																						
Nick Name	Java Native Access	<input type="checkbox"/>	<input type="button" value="+ Add"/>																				
	Java Native Access - JNA	<input type="checkbox"/>																					
	java-native-access-jna	<input type="checkbox"/>	https://github.com/java-native-access/jna																				
	jna-platform	<input type="checkbox"/>																					
	net.java.dev.jna:jna	<input type="checkbox"/>	https://mvnrepository.com/artifact/net.java.dev.jna/jna																				
	net.java.dev.jna:jna-platform	<input type="checkbox"/>	https://mvnrepository.com/artifact/net.java.dev.jna/jna-platform																				
OSS Version	5.0.0																						
License	<input type="radio"/> Single License <input checked="" type="radio"/> Multi/Dual License																						
	LGPL-2.1 OR Apache-2.0																						
Show license text	<table border="1"><thead><tr><th></th><th></th><th>License</th><th>Copyright</th><th></th></tr></thead><tbody><tr><td>1</td><td></td><td>LGPL-2.1</td><td></td><td><input type="button" value="delete"/></td></tr><tr><td>2</td><td>OR</td><td>Apache-2.0</td><td></td><td><input type="button" value="delete"/></td></tr><tr><td colspan="5">+</td></tr></tbody></table>					License	Copyright		1		LGPL-2.1		<input type="button" value="delete"/>	2	OR	Apache-2.0		<input type="button" value="delete"/>	+				
		License	Copyright																				
1		LGPL-2.1		<input type="button" value="delete"/>																			
2	OR	Apache-2.0		<input type="button" value="delete"/>																			
+																							
Copyright	Copyright (c) 2007-2018 Timothy Wall Copyright (c) 2009-2018 Daniel Doubrovkine Copyright (c) 2007 Wayne Meissner																						
License Type	Permissive																						
Obligation																							
Download Location	https://mvnrepository.com/artifact/net.java.dev.jna/jna	<input type="checkbox"/>	<input type="button" value="+ Add"/>																				
Home Page	https://github.com/java-native-access/jna																						

Same License (Nickname)

License Name	BSD 3-clause "New" or "Revised" License
License Type	Permissive
Restriction	<input type="checkbox"/> Non-Commercial Use Only <input type="checkbox"/> Network Redistribution <input type="checkbox"/> Restricted Modifications <input type="checkbox"/> Platform Deployment Restriction <input type="checkbox"/> Prohibited Purpose <input type="checkbox"/> Specification Constraints <input type="checkbox"/> Restricted Redistribution <input type="checkbox"/> Commons Clause Restriction
Obligation	<input checked="" type="checkbox"/> Notice <input type="checkbox"/> Source Code
SPDX Short Identifier	BSD-3-Clause
Nick Name	<div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">3-clause BSD License ✖ + Add</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">BSD 3 Clause ✖</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">BSD 3-Clause ✖</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">BSD 3-Clause License ✖</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">BSD 3-clause New License ✖</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">BSD Licence 3 ✖</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">BSD License 3 ✖</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">BSD-3 Clause ✖</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">BSD3 ✖</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">BSD3_CLAUSE ✖</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">New BSD License ✖</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">Revised BSD ✖</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">The BSD 3-Clause License ✖</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">The New BSD License ✖</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px;">XML-RPC FOR C/C++ license ✖</div>
Web site for the license	https://spdx.org/licenses/BSD-3-Clause.html
Internal URL	http://demo.fosslight.org/docx/license/BSD-3-Clause.html
	배포 시에 저작권 및 License 고지가 요구됩니다. Copyright and license notice are required when distributing the software.

Support Various OSS Notice Format

* Project Name | test **B** **I**

Open Source Software Notice

OSSNotice-1_test_1_210621.html

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 Append * Select if there is something to add to the end of the notice.

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FOSSLight

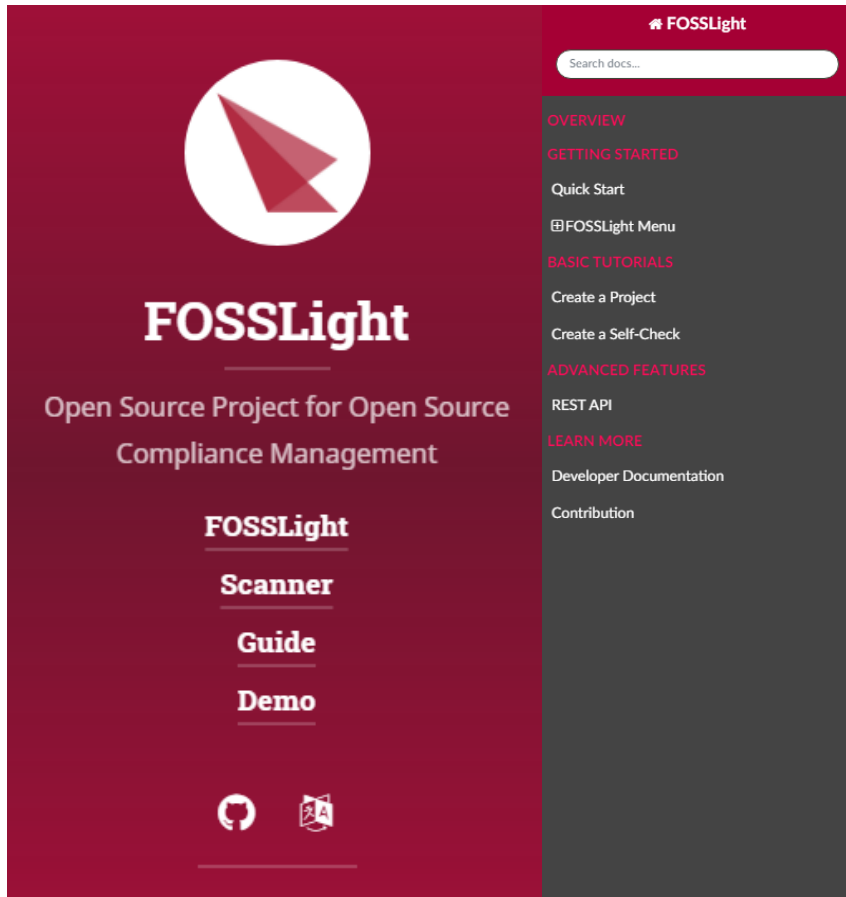
FOSS (Free and Open Source Software) + Light



LG
Life's Good

FOSSLight 사이트

- ❑ <https://FOSSLight.org>
- ❑ <https://demo.FOSSLight.org>
- ❑ <https://FOSSLight.org/fosslight-guide>






🏠 / README.md

Kor / 🌐

FOSSLight

To develop and distribute software containing open source software, you need to follow the OSC(Open Source Compliance) process. FOSSLight system is an integrated system that can process three steps of the OSC process sequentially.

Features

<h4>Compliance Workflow</h4>  <p>It can process the open source compliance workflow.</p>	<h4>Compliance Hub</h4>  <p>You can manage everything about open source compliance such as license, oss, vulnerability and others.</p>	<h4>Scalability</h4>  <p>It can be used with additional features (including FOSSLight scanner or other plugins).</p>
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Function

 <p>Project</p>	 <p>License / OSS</p>	 <p>Vulnerability</p>	 <p>3rd Party</p>	 <p>Self-Check</p>
--	--	--	--	---

OSPO (Open Source Program Office) Landscape

OSPO Landscape

The OSPO landscape (png, pdf) is dynamically generated below. It is modeled after the CNCF landscape and based on the same open source code. Please open a pull request to correct any issues. Greyed logos are not open source. Last Updated: 2021-06-14 06:59:03Z

You are viewing 179 cards with a total of 30,588 stars, market cap of \$14.99T and funding of \$5.54B.

Tweet 5



FOSSLight

LG Electronics

OSPO Tools - Licensing

FOSSLight source code repository

Open Source Software

License GNU Affero General

No CII Best Practices

Tweet 5

- Java 53%
- JavaScript 38%
- HTML 5%
- CSS 3%
- PHP 1%
- Shell <1%
- Hack <1%
- Other <1%



Website	fossilight.org		
Repository	github.com/fossilight/fossilight	★34	
Crunchbase	crunchbase.com/organization/lg		
LinkedIn	linkedin.com/company/lg-electronics		
Twitter	@LGUS	Latest Tweet	this week
First Commit	2 months ago	Latest Commit	this week
Contributors	6	Latest Release	3 weeks ago
Headquarters	Seoul, South Korea	Headcount	10,001-1,000,000
Market Cap	\$26.58B		

Tweets by @LGUS

LG Electronics @LGUS
Check out what's coming this summer and fall! Get excited for a whole new lineup of #AppleOriginals available on the

OSPO Tools

Documentation projects



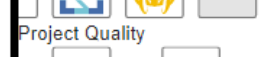
Licensing



Metrics



Project Quality



Security



OSPO Landscape is intended as a tool to explore the OSPO community, and also shows member organizations of the OSPO Landscape.

the TODO Group.

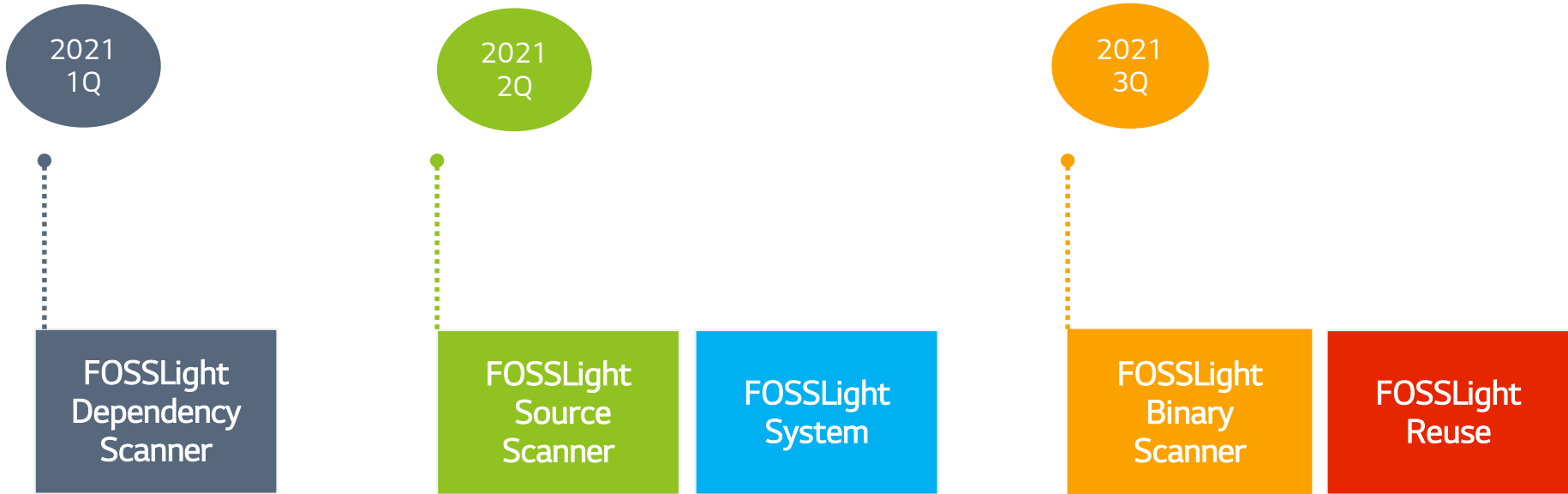
OSPO Adopter

TODO Group Member



FOSSLight 향후 계획

FOSSLight Roadmap



공개소프트웨어 오픈 프런티어



[개발자]2021년 Open UP 오픈 프런티어 「마스터 프런티어」 프로젝트팀 선정 결과 안내

OSS관리자3 | 2021-06-11 18:22:56 | 533

안녕하세요! 오픈소스통합지원센터(Open UP)입니다.

컨트리뷰션 아카데미 멘토 '마스터 프런티어' 지원 사업에 대한 많은 관심과 지원에 감사드리며 21년도 오픈 프런티어 '마스터 프런티어' 선정 결과를 아래와 같이 공지합니다.

□ 마스터 프런티어

검색법 : 프로젝트명, 성함 (CTRL + F 로 찾기)

NO	프로젝트명	성명
1	Azure Functions OpenAPI Extensions	유**틴
2	Azure 클라우드 오픈소스 SDK	최*락 최*선
3	Backend.AI	신*규 강*현 김*진
4	Chromium / Blink	고*권
5	Cloud-Barista	강*재 김*섭 손*호 김*곤
6	Cracking Vue.js	이*찬 정*명 장*효
7	dooboo-ui	안*석 장*찬
8	Euphony	최*웅
9	Exporterhub.io	김*웅 양*욱
10	FOSSLight	김*임

FOSSLight Contribution Items

- 버그 리포팅
- 오타 하나부터
- 문서화 작업

- 1인 OSC 담당자를 위한 customizing
- Distribution 단계 구현
- 테스트 자동화
- Identification Input : SPDX 문서
- Software Heritage 같은 오픈소스 데이터베이스 연동

Your attention, please.

Thank YOU !!



Share



Collaborate



Enhance