

FOSSLight Scanner

LG전자 Open Source Task 김소임

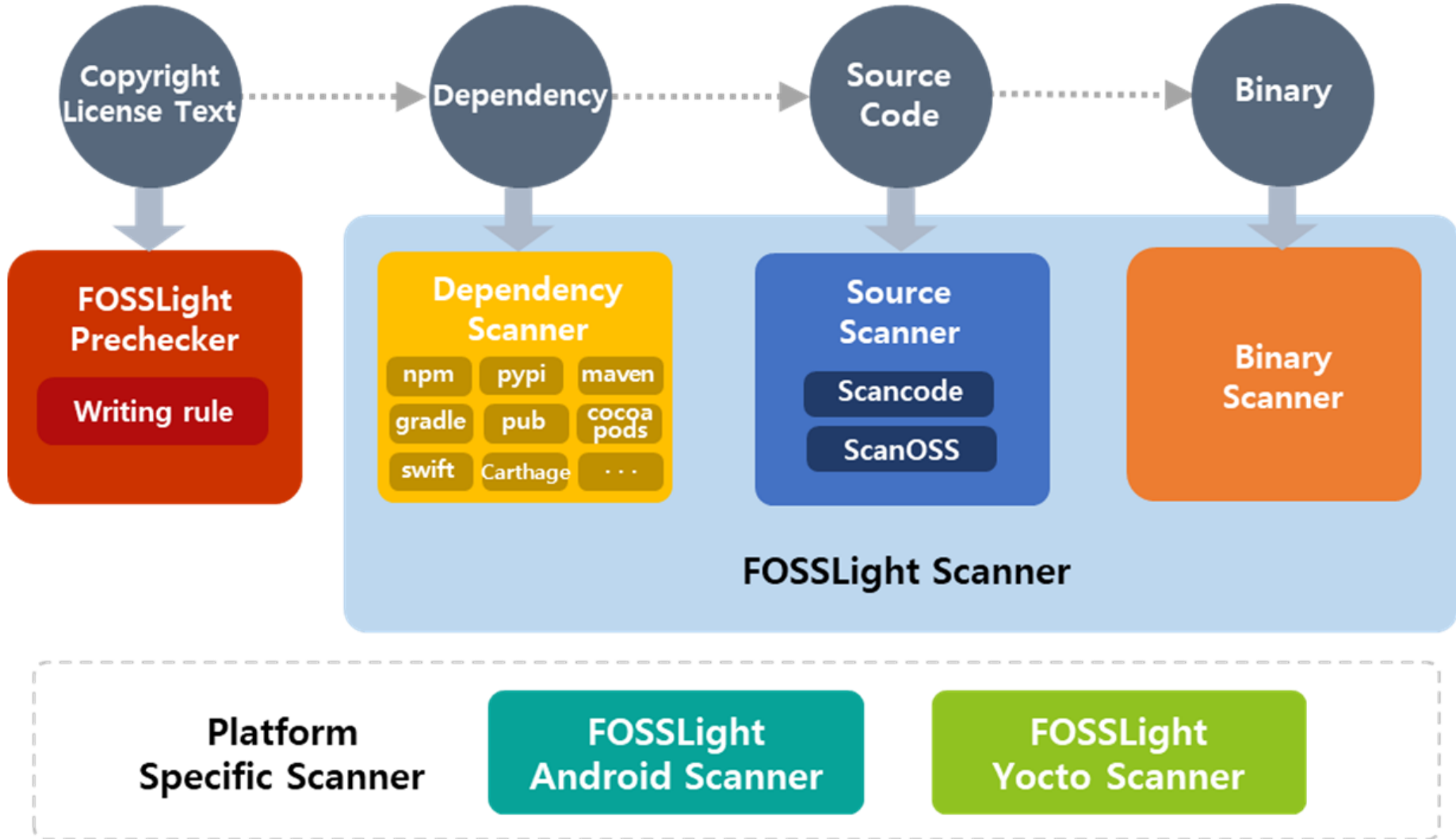


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- What's New

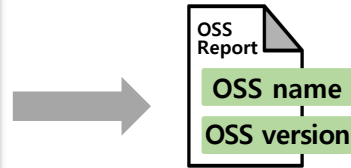
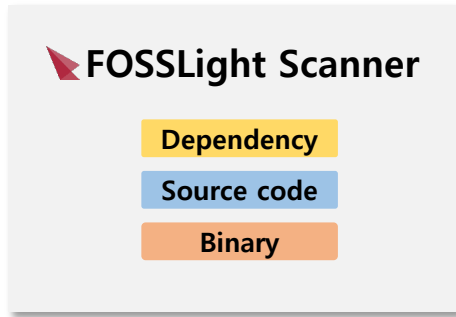
FOSSLight Scanner

FOSSLight Scanner



FOSSLight Scanner를 통한 SBOM 생성

- FOSSLight Scanner 실행하여 오픈소스 분석 보고서 생성



	Source Name or Path	OSS Name	OSS Version	License	Download Location	Homepage	Copyright Tex	Exclude	Comment	Dependencie
1	package.json	npm:lge-example	1.0.0	Apache-2.0	https://github.com/LGE-OSS/example	https://www.npmjs.com/package/lge-example			root packe	npm:copy-
2	package.json	npm:copy-anything	2.0.6	MIT	https://github.com/mesqueeb/copy-anything	https://www.npmjs.com/package/copy-anything			direct	npm:is-wha
3	package.json	npm:is-what	3.14.1	MIT	https://github.com/mesqueeb/is-what	https://www.npmjs.com/package/is-what			transitive	
4	requirements.txt	pypi:CacheControl	0.12.11	Apache Software License	https://pypi.org/project/CacheControl/0.12.11	https://github.com/ionrock/cachecontrol			transitive	pypi:msgpac
5	requirements.txt	pypi:Deprecated	1.2.14	MIT License	https://pypi.org/project/Deprecated/1.2.14	https://github.com/tantale/deprecated			transitive	pypi:wrapt(
6	requirements.txt	pypi:Jinja2	3.1.2	BSD License	https://pypi.org/project/Jinja2/3.1.2	https://palletsprojects.com/p/jinja/			transitive	pypi:Marku
7	requirements.txt	pypi:MarkupSafe	2.1.3	BSD License	https://pypi.org/project/MarkupSafe/2.1.3	https://palletsprojects.com/p/markupsafe/			transitive	
8	requirements.txt	pypi:PyGithub	2.1.1	GNU Library or Lesser Gen	https://pypi.org/project/PyGithub/2.1.1	https://github.com/pygithub/pygithub			transitive	pypi:Depre
9	requirements.txt	pypi:PyJWT	2.8.0	MIT License	https://pypi.org/project/PyJWT/2.8.0	https://github.com/jpadilla/pyjwt			transitive	
10	requirements.txt	pypi:PyNaCl	1.5.0	Apache License 2.0	https://pypi.org/project/PyNaCl/1.5.0	https://github.com/pyca/pynacl			transitive	pypi:cffi(1.1
11	requirements.txt	pypi:PyYAML	6.0.1	MIT License	https://pypi.org/project/PyYAML/6.0.1	https://pyyaml.org/			transitive	
12	requirements.txt	pypi:XlsxWriter	3.1.8	BSD License	https://pypi.org/project/XlsxWriter/3.1.8	https://github.com/jmcnamara/XlsxWriter			transitive	
13	requirements.txt	pypi:appdirs	1.4.4	MIT License	https://pypi.org/project/appdirs/1.4.4	http://github.com/ActiveState/appdirs			transitive	
14	requirements.txt	pypi:attrs	23.1.0	MIT License	https://pypi.org/project/attrs/23.1.0	https://www.attrs.org/en/stable/changelog.html			transitive	
15	requirements.txt	pypi:beautifulsoup4	4.12.2	MIT License	https://pypi.org/project/beautifulsoup4/4.12.2	https://www.crummy.com/software/BeautifulSoup/bs4/			transitive	pypi:soups
16	requirements.txt	pypi:binaryornot	0.4.4	BSD License	https://pypi.org/project/binaryornot/0.4.4	https://github.com/audreyr/binaryornot			transitive	pypi:charde
17	requirements.txt	pypi:boolean.py	4.0	BSD-2-Clause	https://pypi.org/project/boolean.py/4.0	https://github.com/bastikr/boolean.py			transitive	
18	requirements.txt	pypi:certifi	2023.7.22	Mozilla Public License 2.0	https://pypi.org/project/certifi/2023.7.22	https://github.com/certifi/python-certifi			transitive	
19	requirements.txt	pypi:cffi	1.16.0	MIT License	https://pypi.org/project/cffi/1.16.0	http://cffi.readthedocs.org			transitive	pypi:pycpai
20	requirements.txt	pypi:chardet	5.2.0	GNU Lesser General Public	https://pypi.org/project/chardet/5.2.0	https://github.com/chardet/chardet			transitive	

FOSSLight Scanner 설치 방법

FOSSLight Scanner 설치

	Ubuntu	Windows	MacOS
실행 파일 (.exe)	FOSSLight Binary Scanner	FOSSLight Binary Scanner, FOSSLight Dependency Scanner	FOSSLight Binary Scanner
PyPI 패키지	전체 Scanner 지원		

- 실행 파일
 - FOSSLight Dependency Scanner (Windows만 가능)
 - https://github.com/fosslight/fosslight_dependency_scanner/releases
 - FOSSLight Binary Scanner (Ubuntu, MacOS, Windows 가능)
 - https://github.com/fosslight/fosslight_binary_scanner/releases

FOSSLight Scanner PyPI 패키지

The screenshot shows the FOSSLight PyPI package search results for the query 'fosslight'. The page features a blue header with the FOSSLight logo, a search bar containing 'fosslight', and navigation links for Help, Sponsors, Log in, and Register. Below the header, there is a filter section on the left with various classifier options, all of which are checked. The main content area displays 9 projects for 'fosslight', ordered by 'Date last updated'. Each project entry includes a small cube icon, the project name and version, a brief description, and the last update date.

Project Name	Description	Last Updated
fosslight-dependency 3.13.6	FOSSLight Dependency Scanner	Nov 9, 2023
fosslight-android 4.1.16	FOSSLight Android Scanner	Nov 6, 2023
fosslight-scanner 1.7.21	FOSSLight Scanner	Nov 6, 2023
fosslight-util 1.4.34	FOSSLight Util	Oct 31, 2023
fosslight-source 1.7.5	FOSSLight Source Scanner	Oct 19, 2023
fosslight-yocto 3.1.24	FOSSLight Yocto	Oct 13, 2023
fosslight-binary 4.1.25	FOSSLight Binary Scanner	Aug 18, 2023
fosslight-prechecker 3.0.25	FOSSLight Prechecker	Jun 21, 2023

FOSSLight Scanner 패키지 설치 전 요구사항

1. Python 설치

- 지원 Python 버전 : 3.8 ~ 3.11
- 권장 버전 : 3.10

2. Virtualenv 환경 설치(권장)

- 시스템에 설치된 python에 영향을 주지 않고 새로운 python 가상 환경 세팅 가능
- 추가로 패키지를 설치해도 기존 시스템에 영향을 주지 않음

❖ FOSSLight Binary Scanner의 경우

- jar 파일에 대한 분석을 위해, Java 설치 권장 (Open Source JDK 설치)
<https://learn.microsoft.com/ko-kr/java/openjdk/download> (권장 버전 : 11)

❖ FOSSLight Dependency Scanner의 경우

- 각 package manager를 이용한 개발 환경과 동일한 빌드 환경 설정이 필요함
(ex. npm dependency 분석 수행을 위해 npm 빌드 도구 서버 내 설치 필요)

FOSSLight Scanner 패키지 설치 방법 (Ubuntu)

- Python 3.10 필수 패키지 설치

```
$ sudo apt-get update
```

```
$ sudo apt-get install python3.10 python3.10-dev python3.10-distutils  
python3-pip
```

- Virtualenv 설치 및 활성화

```
$ pip install virtualenv
```

```
$ virtualenv -p /usr/bin/python3.10 venv
```

```
$ source venv/bin/activate
```

FOSSLight Scanner 패키지 설치 방법 (MacOS)

- 사전 필수 패키지 설치

```
% brew install openssl  
% brew install libmagic  
% brew install postgresql
```

FOSSLight Scanner 패키지 설치 방법 (Windows)

- Python 설치

- <https://www.python.org/downloads/windows/>
- 지원 Python 버전 : 3.8 ~ 3.11
- 권장 버전 : 3.10

- Microsoft Visual C++ 14.0 이상 버전 다운로드

- <https://visualstudio.microsoft.com/visual-cpp-build-tools/> 에서 build tools > C++를 사용한 데스크톱 개발
체크 후 설치

FOSSLight Scanner 설치

- Pip 설치 명령어를 통해 바로 설치 가능

```
$ pip install fosslight_scanner
```

- 여러 FOSSLight Scanner 한 번에 설치 가능

- FOSSLight Dependency Scanner
- FOSSLight Source Scanner
- FOSSLight Binary Scanner
- FOSSLight Prechecker

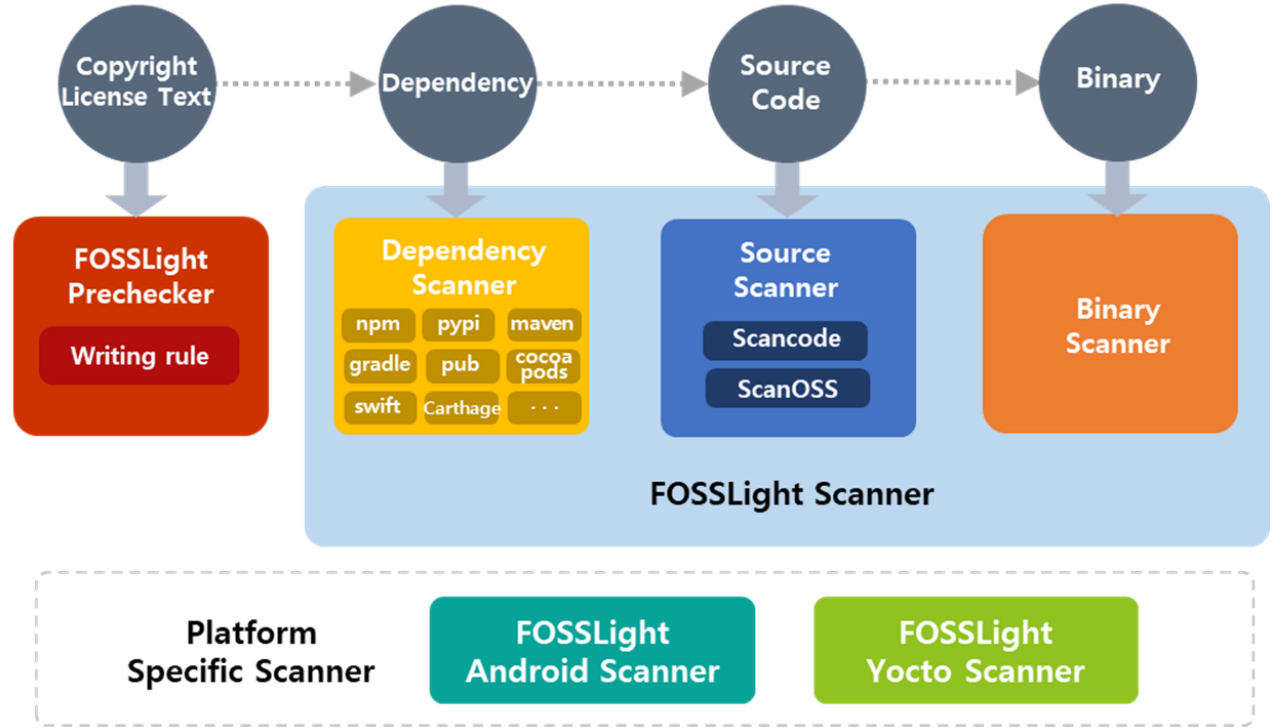
- ❖ FOSSLight Android Scanner, FOSSLight Yocto Scanner의 경우

- 별도로 설치해야 함 (\$ pip install fosslight_android / \$ pip install fosslight_yocto)

FOSSLight Scanner 사용 방법

FOSSLight Scanner

- FOSSLight Scanner를 하나로 합친 Scanner
 - FOSSLight Dependency Scanner
 - FOSSLight Source Scanner
 - FOSSLight Binary Scanner



- 특정 Path 또는 다운로드 받을 수 있는 링크에 대해 Open Source 분석을 수행하고, FOSSLight Report를 출력하는 도구

FOSSLight Scanner

- 실행 방법

```
$ fosslight [Mode] [option1] <arg1> [option2] <arg2>
```

```
Parameters:
  Mode
    all           Run all scanners(Default)
    source        Run FOSSLight Source Scanner
    dependency    Run FOSSLight Dependency Scanner
    binary        Run FOSSLight Binary Scanner
    prechecker    Run FOSSLight Prechecker
    compare       Compare two FOSSLight reports

Options:
  -h             Print help message
  -p <path>     Path to analyze (ex, -p {input_path})
                * Compare mode input file: Two FOSSLight reports (supports excel, yaml)
                (ex, -p {before_name}.xlsx {after_name}.xlsx)
  -w <link>     Link to be analyzed can be downloaded by wget or git clone
  -f <format>   FOSSLight Report file format (excel, yaml)
                * Compare mode result file: supports excel, json, yaml, html
  -o <output>   Output directory or file
  -c <number>   Number of processes to analyze source
  -r            Keep raw data
  -t            Hide the progress bar
  -v            Print FOSSLight Scanner version

Options for only 'all' or 'bin' mode
  -u <db_url>   DB Connection(format : 'postgresql://username:password@host:port/database_name' )

Options for only 'all' or 'dependency' mode
  -d <dependency_argument> Additional arguments for running dependency analysis
```


FOSSLight Scanner – 실행 모드 선택

```
Parameters:
Mode
all          Run all scanners(Default)
source       Run FOSSLight Source Scanner
dependency   Run FOSSLight Dependency Scanner
binary       Run FOSSLight Binary Scanner
prechecker   Run FOSSLight Prechecker
compare      Compare two FOSSLight reports
```

분석

오픈 소스 분석

툴을 선택하여
실행 가능

Compare

BOM (FOSSLight
Report) 비교 가능

FOSSLight Scanner – 분석 all 모드 (default)



- 실행 방법

```
$ fosslight all -p test_oss/
```

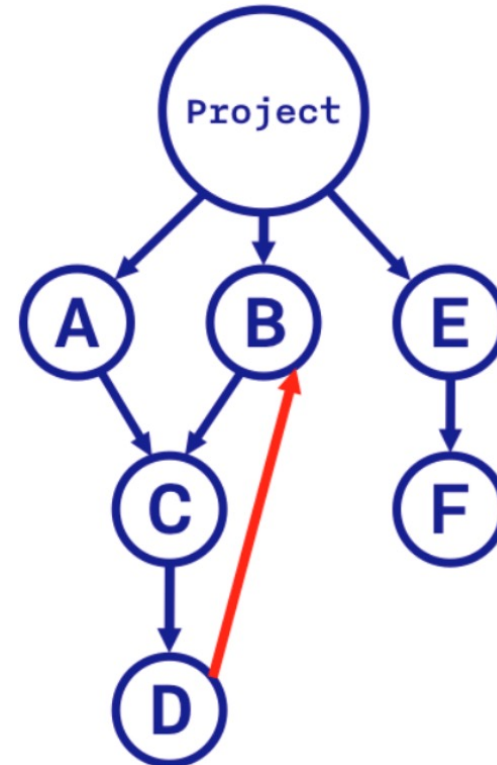
- 실행 결과

- FOSSLight Report : Dependency, Source, Binary 분석 결과

22	requireme	pypi:impor	5.12.0	Apache-2.	https://pypi.org/project/python-importlib-metadata/	transitive
23	requireme	pypi:jsonm	1.9.0	MIT	https://pypi.org/project/jsonmerge/1.9.0	transitive
24	requireme	pypi:jsons	4.17.3	MIT	https://pypi.org/project/jsonschema/4.17.3	transitive
25	requireme	pypi:las	2.4.11	BSD-2-Cl	https://pypi.org/project/las/	transitive
		SRC_FL_Dependency	SRC_FL_Source	BIN_FL_Binary	scancode_reference	scanoss_reference

FOSSLight Dependency Scanner

- Package Manager에 대한 Dependency 분석을 지원하는 도구
- Package Manager의 Manifest 파일 자동 감지하여 오픈 소스 정보 분석
- Direct / Transitive Dependency 오픈 소스 정보 분석



FOSSLight Dependency Scanner

- 지원 Package Manager

Language/ Project	Package Manager	Manifest file	Direct dependencies	Transitive dependencies	Relationship of dependencies (Dependencies of each dependency)
Javascript	Npm	package.json	O	O	O
Java	Gradle	build.gradle	O	O	O
	Maven	pom.xml	O	O	O
Java (Android)	Gradle	build.gradle	O	O	O
ObjC, Swift (iOS)	Cocoapods	Podfile.lock	O	O	O
	Carthage	Cartfile.resolved	O	O	X
Swift (iOS)	Swift	Package.resolved	O	O	O
Dart, Flutter	Pub	pubspec.yaml	O	O	O
Go	Go	go.mod	O	O	O
Python	Pypi	requirements.txt, setup.py, pyproject.toml	O	O	O
.NET	Nuget	packages.config, obj/project.assets.json	O	O	O
Kubernetes	Helm	Chart.yaml	O	X	X
Unity	Unity	Library/PackageManager/ProjectCache	O	O	X

FOSSLight Dependency Scanner

- 실행 결과 예시

Package URL	OSS Name	OSS Version	License	Download	Homepage	Copyright	Exclude	Comment	Depends On
pkg:npm/%40types/node@9.6.57	npm:@types/node	9.6.57	MIT	https://github.com/DefinitelyTyped/DefinitelyTyped	https://www.npmjs.com/package/@types/node			direct	
pkg:npm/agent-base@6.0.2	npm:agent-base	6.0.2	MIT	https://github.com/mixchell/agent-base	https://www.npmjs.com/package/agent-base			transitive	pkg:npm/debug@4.3.6
pkg:npm/asap@2.0.6	npm:asap	2.0.6	MIT	https://github.com/kriskowal/asap	https://www.npmjs.com/package/asap			transitive	
pkg:npm/axios@0.21.4	npm:axios	0.21.4	MIT	https://github.com/axios/axios	https://www.npmjs.com/package/axios			direct	pkg:npm/follow-redirects@1.15.6
pkg:npm/buffer-equal-constant-time@1.0.1	npm:buffer-equal-constant-time	1.0.1	BSD-3-Clause	https://github.com/dominictarr/buffer-equal-constant-time	https://www.npmjs.com/package/buffer-equal-constant-time			transitive	
pkg:npm/dayjs@1.11.12	npm:dayjs	1.11.12	MIT	https://github.com/dayjs/dayjs	https://www.npmjs.com/package/dayjs			direct	
pkg:npm/debug@4.3.6	npm:debug	4.3.6	MIT	https://github.com/debug-js/debug	https://www.npmjs.com/package/debug			transitive	pkg:npm/ms@2.1.2
pkg:npm/define-data-property@1.1.4	npm:define-data-property	1.1.4	MIT	https://github.com/define-data-property	https://www.npmjs.com/package/define-data-property			transitive	pkg:npm/es-define-property@1.0.0, pkg:npm/es-errors@1.3.0, pkg:npm/gopd@1.0.1
pkg:npm/ecdsa-sig-formatter@1.0.11	npm:ecdsa-sig-formatter	1.0.11	Apache-2.0	https://github.com/venturoy/ecdsa-sig-formatter	https://www.npmjs.com/package/ecdsa-sig-formatter			transitive	pkg:npm/safe-buffer@5.2.1
pkg:npm/es-define-property@1.0.0	npm:es-define-property	1.0.0	MIT	https://github.com/define-data-property	https://www.npmjs.com/package/define-data-property			transitive	pkg:npm/get-intrinsic@1.2.4

FOSSLight Dependency Scanner

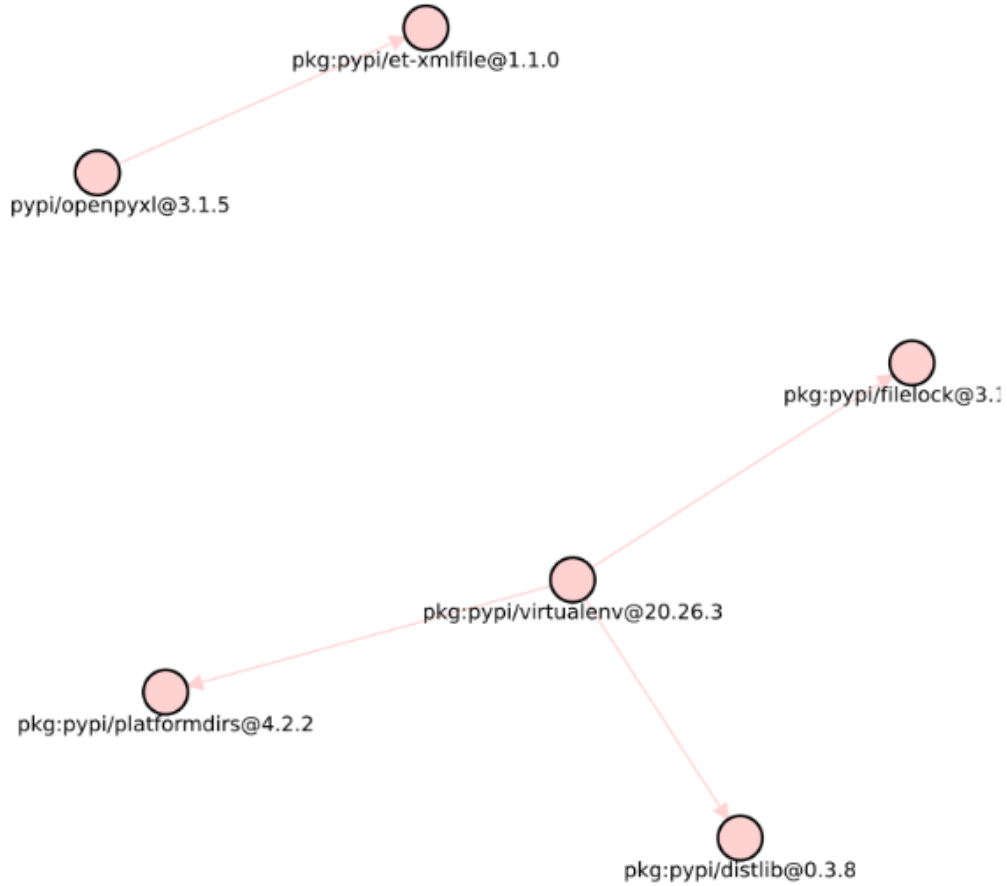
- SBOM 양식 지원 (SPDX)

```
$ fosslight_dependency -f spdx-yaml
```

```
Document:
SPDXID: SPDXRef-DOCUMENT
creationInfo:
  created: '2023-06-12T09:20:44Z'
  creators:
    - 'Tool: FOSSLIGHT_DEPENDENCY 3.13.4'
  licenseListVersion: '3.20'
dataLicense: CC0-1.0
documentDescribes:
- Package:
  SPDXID: SPDXRef-1
  copyrightText: NONE
  downloadLocation: https://github.com/LGE-OSS/example
  files: []
  homepage: https://www.npmjs.com/package/lge-example
  licenseConcluded: None
  licenseDeclared: Apache-2.0
  licenseInfoFromFiles: []
  name: npm:lge-example
  packageVerificationCode:
    packageVerificationCodeValue: null
  versionInfo: 1.0.0
- Package:
  SPDXID: SPDXRef-2
  copyrightText: NONE
  downloadLocation: https://github.com/mesqueeb/copy-anything
  files: []
  homepage: https://www.npmjs.com/package/copy-anything
  licenseConcluded: None
  licenseDeclared: MIT
  licenseInfoFromFiles: []
  name: npm:copy-anything
  packageVerificationCode:
    packageVerificationCodeValue: null
  versionInfo: 2.0.6
- Package:
  SPDXID: SPDXRef-3
  copyrightText: NONE
  downloadLocation: https://github.com/mesqueeb/is-what
  files: []
  homepage: https://www.npmjs.com/package/is-what
  licenseConcluded: None
  licenseDeclared: MIT
  licenseInfoFromFiles: []
  name: npm:is-what
  packageVerificationCode:
    packageVerificationCodeValue: null
  versionInfo: 3.14.1
documentNamespace: http://spdx.org/spdxdocs/fosslight_dependency-953f9e51-a202-4777-9c59-ae4ddc3f5590
name: SPDX Document by FOSSLIGHT_DEPENDENCY
relationships:
- relatedSpdxElement: SPDXRef-1
  relationshipType: DESCRIBES
  spdxElementId: SPDXRef-DOCUMENT
- relatedSpdxElement: SPDXRef-2
```

Depenendecy Tree

- --graph-path 옵션



FOSSLight Binary Scanner

- 바이너리 목록 추출하여 Database에서 오픈소스 정보 확인
- Jar 파일에 대하여 보안 취약점 확인도 가능



	A	B	C	D	E	F	G	H	I	J	K
1	ID	Source Na	OSS Name	OSS Versi	License	Download Location	Homepage	Copyright Text	Exclude	Comment	Vulnerability Link
2	22	lib/aho-cc	hankcsah	1.2.3	Apache License Version 2.0	hankcs/AhoCorasickDoubleArrayTrie				OWASP Result.	
3	23	lib/android	vaadin.ext	0.0.201311	Apache License 2.0	http://developer.android.com/sdk				OWASP Result.	
4	24	lib/annota	jetbrains:a	22.0.0	The Apache Software License	JetBrains/java-annotations				OWASP Result.	
5	25	lib/ant-1.1	apache.an	1.10.12		https://ant.apache.org/				OWASP Result.	https://nvd.nist.gov/vuln/search/results?form_type=Ad
6	26	lib/checke	checkerfra	3.12.0	The MIT License	https://checkerframework.org				OWASP Result.	
7	27	lib/comm	commons:	1.9.4		https://www.apache.org/licenses , https://commons.apache.org/proper/commons-beanutils/				OWASP Result.	https://nvd.nist.gov/vuln/search/results?form_type=Ad
8	28	lib/comm	commons:	1.5.0		https://www.apache.org/licenses , https://commons.apache.org/proper/commons-cli/				OWASP Result.	
9	29	lib/comm	commons:	1.15		https://www.apache.org/licenses , https://commons.apache.org/proper/commons-codec/				OWASP Result.	
10	30	lib/comm	commons:	3.2.2		http://www.apache.org/licenses/ , http://commons.apache.org/collections/				OWASP Result.	https://nvd.nist.gov/vuln/search/results?form_type=Ad
11	31	lib/comm	apache.co	1.21		https://www.apache.org/licenses/ , https://commons.apache.org/proper/commons-compress/				OWASP Result.	https://nvd.nist.gov/vuln/search/results?form_type=Ad
12	32	lib/comm	apache.co	2.9.0		https://www.apache.org/licenses/ , https://commons.apache.org/dbcp/				OWASP Result.	
13	33	lib/comm	commons:	2.1		http://www.apache.org/licenses/ , http://commons.apache.org/digester/				OWASP Result.	
14	34	lib/comm	commons:	2.11.0		https://www.apache.org/licenses/ , https://commons.apache.org/proper/commons-io/				OWASP Result.	https://nvd.nist.gov/vuln/search/results?form_type=Ad
15	35	lib/comm	apache.co	2.2.1		https://www.apache.org/licenses/LICENSE-2.0.txt				OWASP Result.	
16	36	lib/comm	apache.co	3.12.0		https://www.apache.org/licenses/ , https://commons.apache.org/proper/commons-lang/				OWASP Result.	
17	37	lib/comm	commons:	1.2		http://www.apache.org/licenses/ , http://commons.apache.org/proper/commons-logging/			Exclude	OWASP Result. Exclud	ed due to Binary DB.
18	38	lib/comm	commons:	1.2	Apache-2.0					Binary DB Result	

- Comment : OSS 정보 추출 방법

FOSSLight Scanner – Compare 모드

- 두개의 BOM(FOSSLight Report)를 비교

```
$ fosslight compare -p fosslight_report1.xlsx fosslight_report2.xlsx
```

- 비교 가능 input 지원 포맷 : xlsx, yaml
- Compare 모드 실행 결과 (지원 포맷 : xlsx, json, yaml, html)

FOSSLight Scanner Compare Result

BOM Compare Result

- Before FOSSLight Report file: /home/soim/git/scanner/fosslight_scanner/tests/fosslight_raw_data/fosslight_report_230308_prj-5204.yaml
- After FOSSLight Report file: /home/soim/git/scanner/fosslight_scanner/tests/fosslight_raw_data/fosslight_report_230308_prj-5203.yaml

Status	OSS_Before	License_Before	OSS_After	License_After
add			FFT	FFT License
delete	JsonCPP(1.8.4)	MIT		
change	gson(2.8.2)	Apache-2.0	gson(3.1)	Apache-2.0

네트워크 연결 없이 동작 가능 여부

- **FOSSLight Dependency Scanner**

Package manager	필요 사항
Gradle	com.github.hierynomus.license '0.16.1' 플러그인 미리 설치 필요 (프로젝트 패키지 미리 설치 필요)
Maven	org.codehaus.mojo:license-maven-plugin 플러그인 미리 설치 필요 (프로젝트 패키지 미리 설치 필요)
NPM	license-checker 플러그인 미리 설치 필요 (프로젝트 패키지 미리 설치 필요 (node_modules 디렉토리 생성된 상태))
Android	android-dependency-scanning 플러그인 미리 설치 필요 (프로젝트 패키지 미리 설치 필요)
Pub	flutter oss licenses 플러그인 미리 설치 필요 (프로젝트 패키지 미리 설치 필요)
Cocoapods	'pod spec which --regex {package name}' 명령어 동작 가능한 상태 (프로젝트 패키지 미리 설치 필요)
Carthage	프로젝트 패키지 미리 설치 필요 ('Carthage/Checkouts' 디렉토리 생성된 상태).
PYPI, Go, Swift	불가

- **FOSSLight Source Scanner**

- Snippet 매칭은 네트워크 연결된 환경에서만 동작함

- **FOSSLight Binary Scanner**

- 보안취약점 정보는 네트워크 연결된 환경에서만 얻을 수 있음

What's New

- FOSSLight Scanner 변신!!!!!!!

커맨드
라인으로
호출하려니
parameter
확인해야 하네...



FOSSLight Scanner GUI

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FOSSLight Scanner GUI

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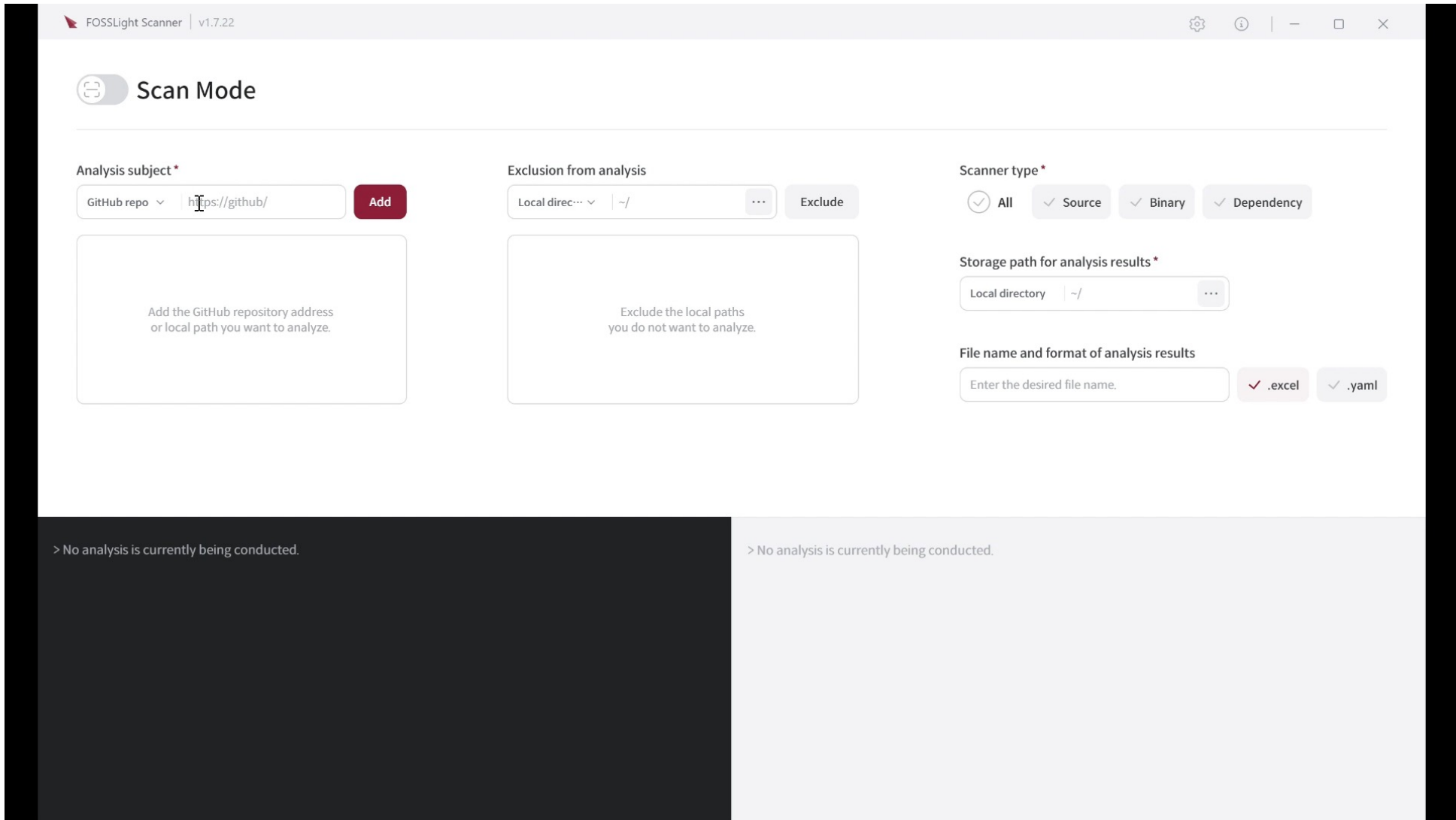
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File	Commit Message	Time
build	feat: set FOSSLight icon	last month
src	refactor: sort classname	last month
tests	test: add test folder for scan	2 months ago
.editorconfig	build: setup initial boilerplate	5 months ago
.eslintignore	build: setup initial boilerplate	5 months ago
.eslintrc.cjs	feat: implement overall template structure	3 months ago
.gitignore	Merge branch 'feature/UI-API-integration' into develop	2 months ago
.npmrc	build: setup initial boilerplate	5 months ago
.prettiignore	build: setup initial boilerplate	5 months ago
.prettierrc.yaml	feat: implement overall template structure	3 months ago
LICENSE	docs: update README	2 months ago
README.md	build: update build setting	last month
dev-app-update.yml	build: setup initial boilerplate	5 months ago
electron-builder.yml	feat: set FOSSLight icon	last month
electron.vite.config.ts	build: revise architecture	2 months ago
package.json	build: revise version	last month
postcss.config.js	build: set up temporary script for dev env	3 months ago

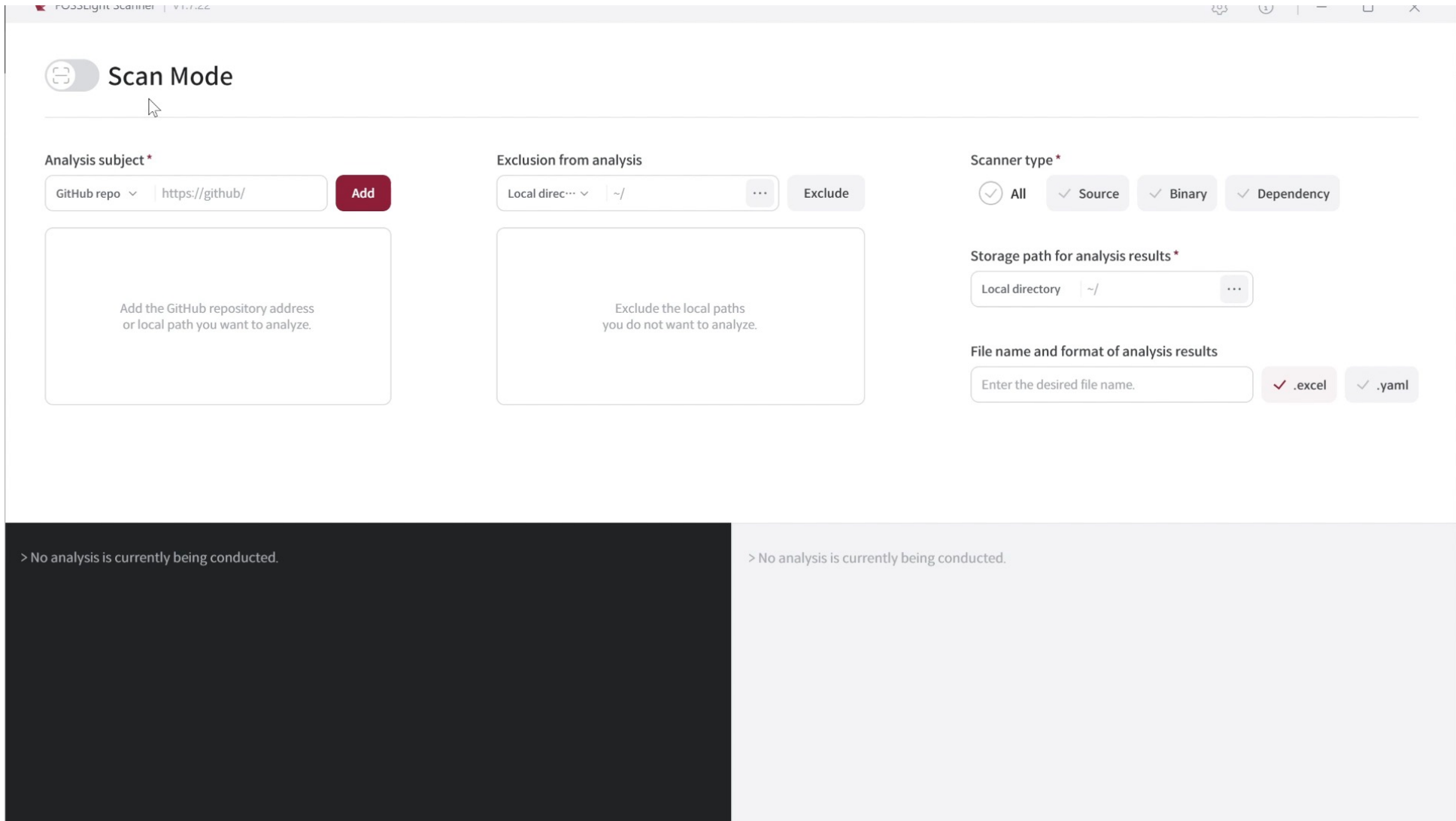


https://github.com/fosslight/fosslight_gui

FOSSLight Scanner GUI – Scan Mode



FOSSLight Scanner GUI – Compare Mode



VS Code Extension

Experimental version

The screenshot shows the VS Code interface with the Extensions Marketplace open. The search results for 'FOSSLight Scanner' are displayed. The extension is by LG Electronics and is currently at version v0.0.3. The main content area shows the extension's README, which includes a description, features, requirements, release notes, and license information.

FOSSLight Scanner v0.0.3
 LG Electronics | 5 | ★★★★★
 A VSCode Extension made for the convenient use of FOSSLight Scanner

FOSSLight Scanner README

FOSSLight Scanner is an opensource project that can perform an analysis for open source compliance at once. It can perform open source analysis of source code, binary and dependency.

Features

This extension enhances user convenience by enabling key functionalities of the Fossflight Scanner project directly within the VS Code development environment. The main features include the functions below and will be consistently updated.

1. Running source, binary, and dependency scanner on the root directory
2. Running source scanner on the currently active file in the code editor

Requirements

1. Python 3.8+.
2. (Only for windows) Install Microsoft Build Tools (Microsoft Visual C++ 14.0+) from <https://visualstudio.microsoft.com/ko/visual-cpp-build-tools/>

Release Notes

1.0.0

Initial release of FOSSLight Scanner VSCode extension.

For more information

- [FOSSLight Scanner Official Website](#)

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Categories
Other

Extension Resources

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More Info

Published	2024-07-15, 13:28:06
Last released	2024-07-28, 15:43:10
Identifier	lgopensource.fossflight-scanner



Q&A

