

Getting started with Fossology

1 Goal

The main goal of using Fossology is to clarify the incorrect or false positive identifications of licenses, copyrights, patent related statements, and ECC statements, by scanners in Fossology. The Fossology Basic [Workflow](#) documentation provide a very comprehensive step by step explanation of the workflow.

2 Glossary

Open Source License In descending order of preference (a) an [OSI-approved license](#), or (b) a license qualifying as free software according to the [list published by the Free Software Foundation \(FSF\)](#), or (c) a license falling within the [Open Source Definition](#) and/or within the [FSF definition of Free Software](#), **but** which is neither OSI-approved nor expressly listed by FSF (note that this latter option requires a previous assessment by the internal Legal Team to be considered “open source”).

license text reference Reference to a license. It could be a standard english sentence refering to the license of a file, or [SPDX standardized short identifier](#).

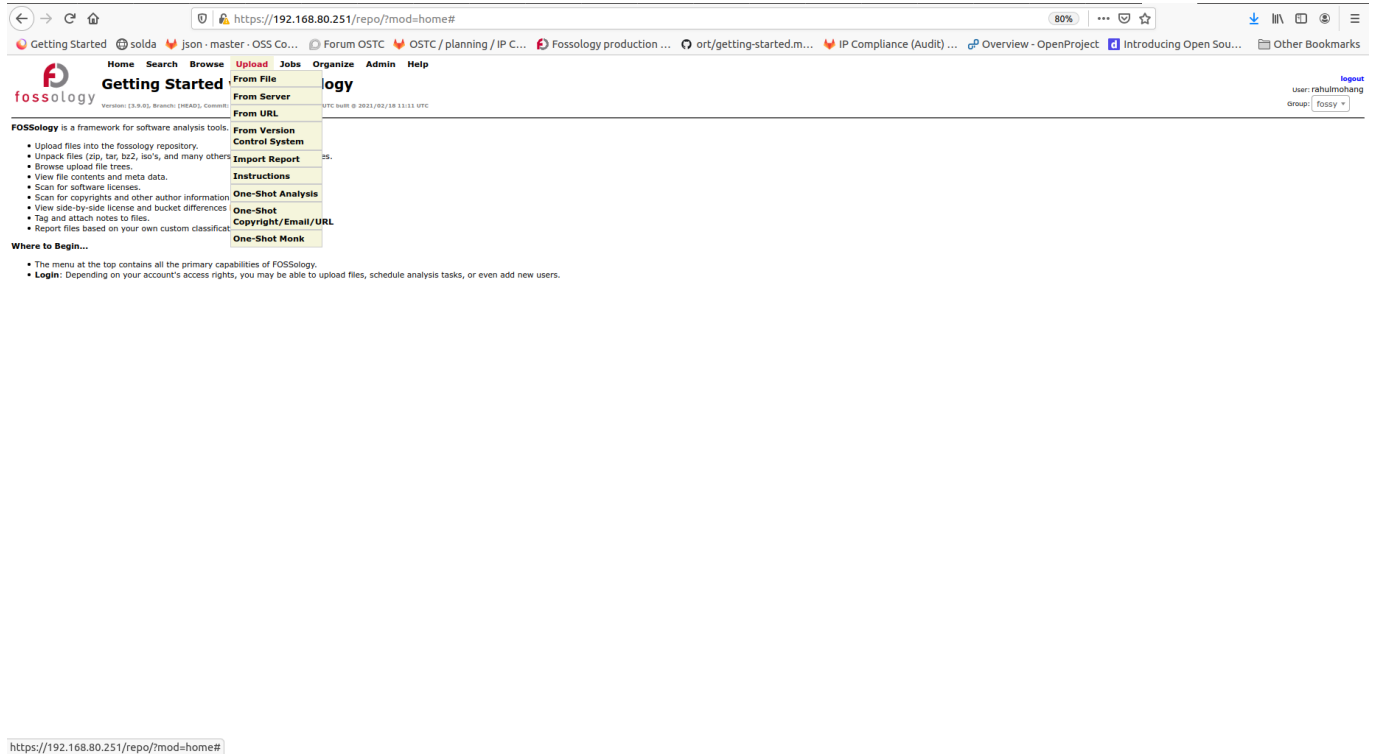
FOSSology [FOSSology](#) is a open source license compliance software system and toolkit. As a toolkit you can run license, copyright and export control scans from the command line. As a system, a database and web ui are provided to give you a compliance workflow. License, copyright and export scanners are tools available to help with your compliance activities.

Bulk recognition Identification of licenses of multiple files in a single operation.

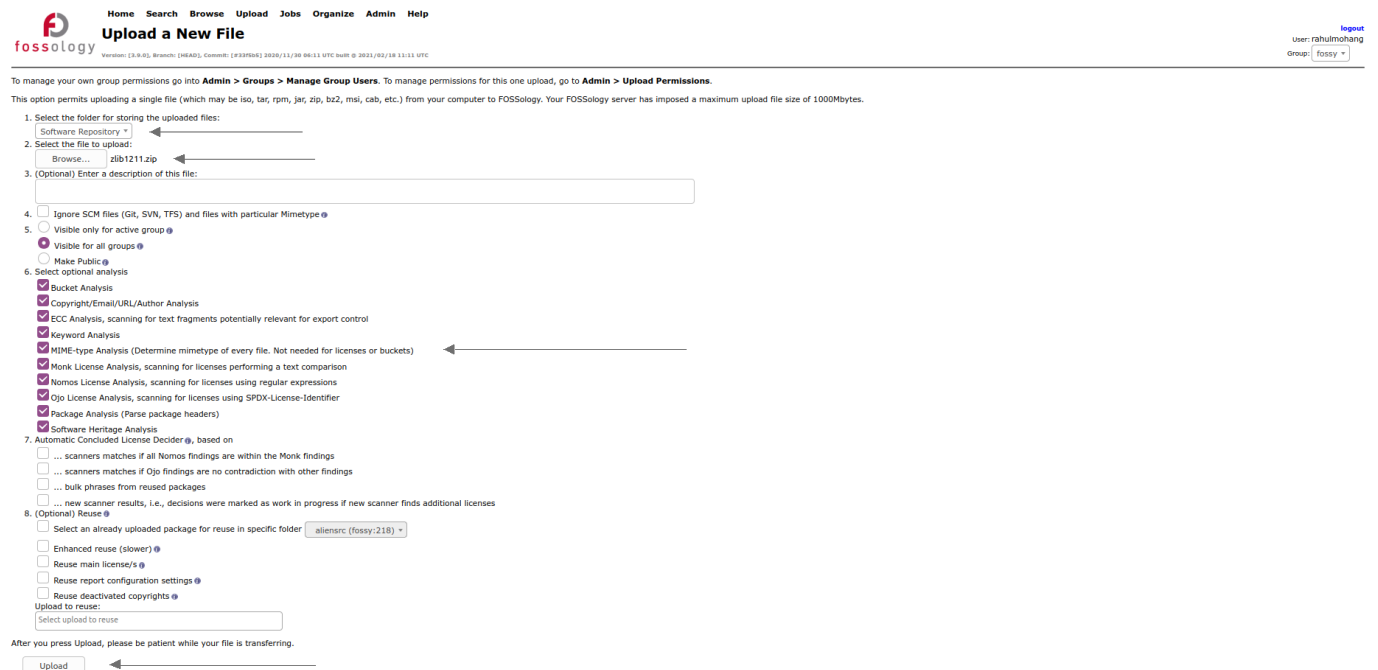
Identified Licenses a set of Open Source Software licenses identified as a result of following an appropriate method of identifying Open Source components from which the Supplied Software is comprised.

3 Workflow

In general, to upload source code packages to Fossology, the 'Upload' tab may be used. This provides the user with options to upload files from a local location, from a server location, from a URL, and from version control systems, git and SVN.



In this document, the option to upload files from a local location is detailed. As you may see in the figure below, a folder, internal to Fossology, could be selected to upload the source code. For the purpose of this document, the source code of a component is uploaded to 'Software Repository', that is, to the root folder in the Fossology folder structure. Fossology gives options to select the analyses to be done on the uploaded source code. Names of most of the analyses suggest what they perform. Some of them have short explanatory text as well, as shown in the figure. After selecting the required analyses, the user may press the 'Upload' button to upload the source code for scan in Fossology.



As soon as the upload is finished, Fossology schedules the scan agents to run on the uploaded source package. Users may use the 'My Recent Jobs' option in the 'Jobs' tab to see the status of the jobs run by the scan agents on the source package.

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Version: [3.9.0], Branch: [HEAD], Commit: [f33f5b5] 2020/11/30 06:11 UTC built @ 2021/02/18 11:11 UTC

My Recent Jobs

All Recent Jobs

Schedule Agents

login

User: rahulmohang

Group: fossy

Folder Navigation

Collapse All | Expand All

Software Repository

aliensrc

openharmony-bitbake

oss-compliance

OSTC

OHOS

components

smart_home_demo_zephyr

smart_home_homeassistant_plugin

staging

kernel-liteos-m

security_interfaces_innerkits_huks_lite

startup_frameworks_syspara_lite

third_party_bounds_checking_function

third_party_googletest

xts_acts

startup_frameworks_syspara_lite

startup_hals_syspara_lite

startup_init_lite

startup_interfaces_kits_syspara_lite

utils_native_lite

ext-mirror

uboot-seco-lmx

Uploads in Software Repository

Show 50 entries

Search:

Upload Name and Description

Status

Comment

Main licenses

Assigned to

Upload Date

Priority

zlib1211.zip

open

Unassigned

2021-06-02 00:33:23

Showing 1 to 1 of 1 entries

Select Whole folder | Marked uploads to run: README_OSS generation SPDIX2 generation

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The status of the jobs run by the agents could be found in the 'My Recent Jobs' window.

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Show Jobs

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login

User: rahulmohang

Group: fossy

zlib1211.zip

Show uploads from all users

Job/Dependency	Status		zlib1211.zip	Average Items/sec	ETA	
6339 / 6339	Completed	checksum	288 Items 2021-06-02 00:33 - 2021-06-02 00:33	245.00 Items/sec	Scanned	
6339 / 6339	Completed	ad3host	288 Items 2021-06-02 00:33 - 2021-06-02 00:33	268.00 Items/sec	Scanned	
6337 / 6339	Completed	nomos	0 Items 2021-06-02 00:33 - 2021-06-02 00:33	0.0000 Items/sec	Scanned	
6339 / 6339	Completed	phidget	0 Items 2021-06-02 00:33 - 2021-06-02 00:33	0.0000 Items/sec	Scanned	
6339 / 6339 / 6337	Completed	huckles	288 Items 2021-06-02 00:33 - 2021-06-02 00:33	268.00 Items/sec	Scanned	
6330 / 6339	Completed	copyright	71 Items 2021-06-02 00:33 - 2021-06-02 00:33	71.0000 Items/sec	Scanned	
6337 / 6339	Completed	act	233 Items 2021-06-02 00:33 - 2021-06-02 00:33	233.00 Items/sec	Scanned	
6332 / 6339	Completed	keyword	239 Items 2021-06-02 00:33 - 2021-06-02 00:33	239.00 Items/sec	Scanned	
6337 / 6339	Completed	minimtype	245 Items 2021-06-02 00:33 - 2021-06-02 00:33	245.00 Items/sec	Scanned	
6334 / 6339	Completed	none	0 Items 2021-06-02 00:33 - 2021-06-02 00:33	0.0000 Items/sec	Scanned	
6339 / 6339	Completed	zip	244 Items 2021-06-02 00:33 - 2021-06-02 00:33	244.00 Items/sec	Scanned	
6336 / 6339	Started	softwareintage	120 Items 2021-06-02 00:33	0.041929 Items/sec	1:10:45	Pause Cancel

Let us now get to know more about the Fossology folder structure that is maintained for auditing in All scenarios OS. The source code files that are uploaded to Fossology by running Aliens4Friends, are uploaded to a folder named, 'aliensrc':

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Search:

Upload Name and Description

Status

Comment

Main licenses

Assigned to

Upload Date

Priority

No data available in table

Showing 0 to 0 of 0 entries

Select Whole folder | Marked uploads to run: README_OSS generation SPDIX2 generation

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