Good practice to export and import a report for Fossology

Supported by **ROSIN** - ROS-Industrial Quality-Assured Robot Software Components.

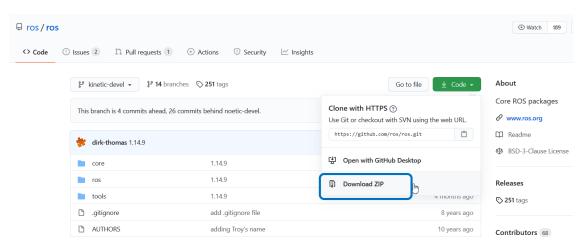
More information: rosin-project.eu

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Preparation

Download a package from GitHub

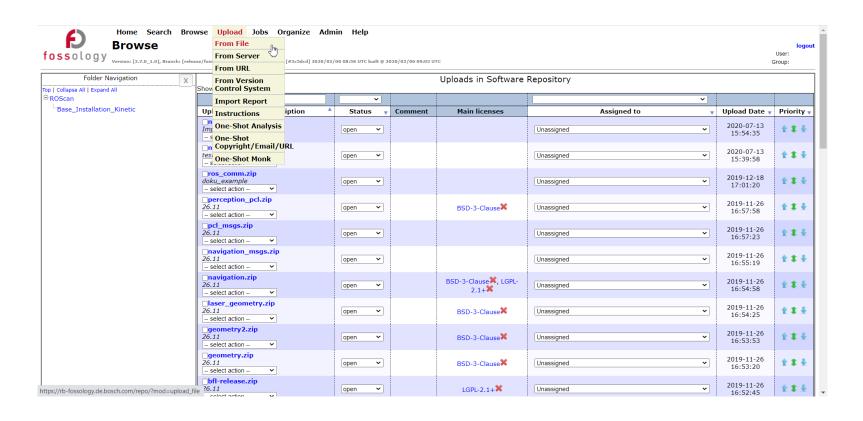


 Download the ROS package you would like to inspect. Download as .zip is helpful, because Fossology uses files in .zip format



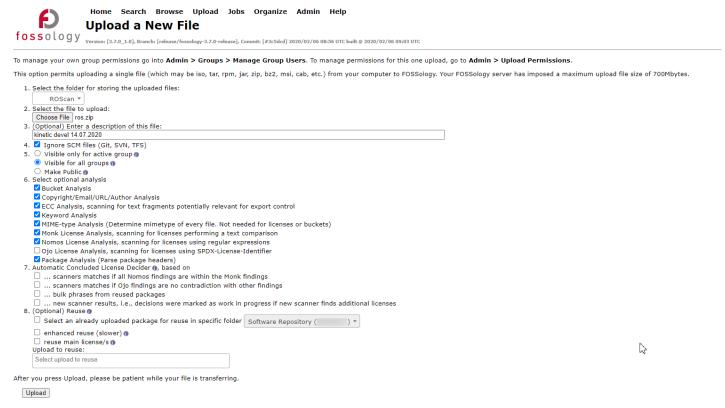
• Rename the folder within the downloaded .zip file. (This is needed to match the package and the report structure. For more information s. slide 12)

Upload the file to Fossology



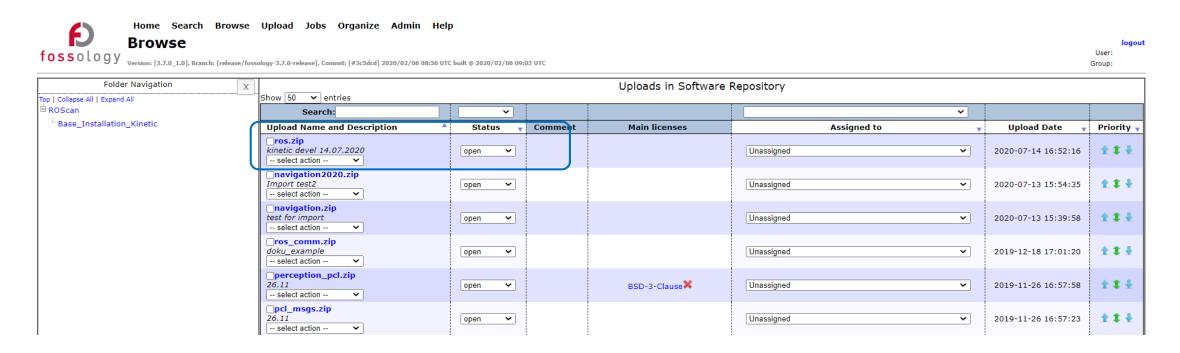
- Open the Fossology GUI within your browser
- Choose "Upload" -> "From File"

Load the file to Fossology



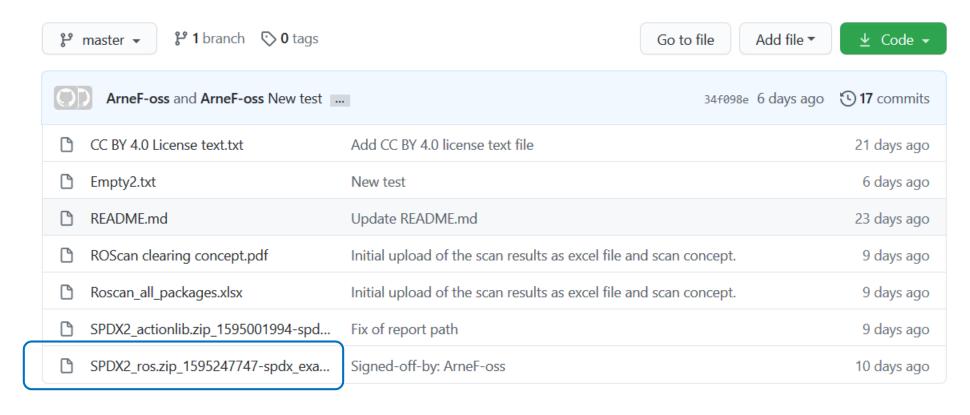
- 1. Select the folder where to upload the package
- 2. Choose the file from the download folder
- 3. Enter some description for the file
- 6. Select some optional analysis (not needed in case of a later report import)

Browser view after package upload



The uploaded packages appears at the top. (Sometimes it takes a few minutes until the upload job is executed)

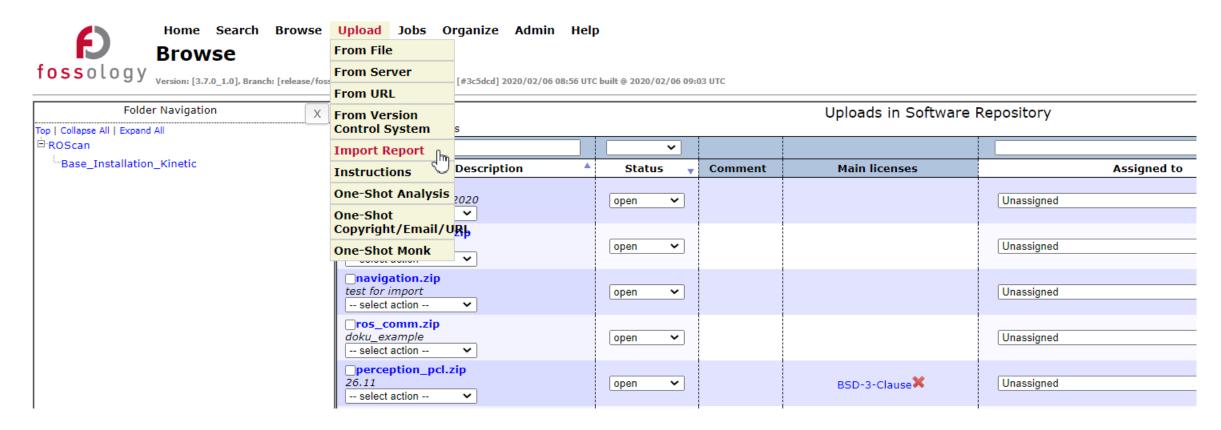
Download a report



- Download a scan report files (e.g. SPDX2_ros.zip... from a GitHub repository)
- If you downloaded a .zip file -> Unzip it to make it usable for the import tool

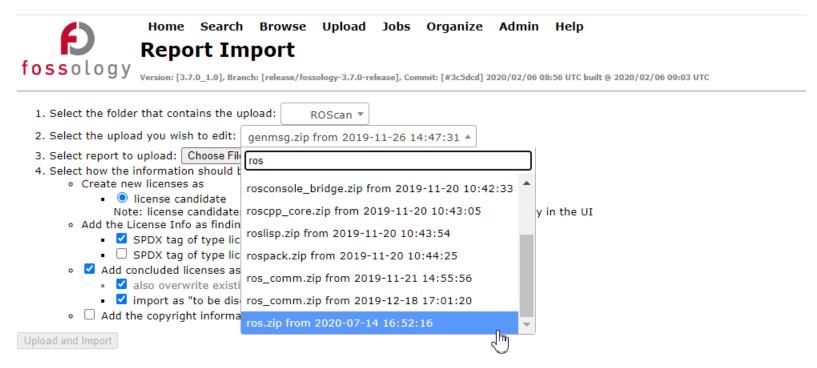
Import a report

Import a report to a package



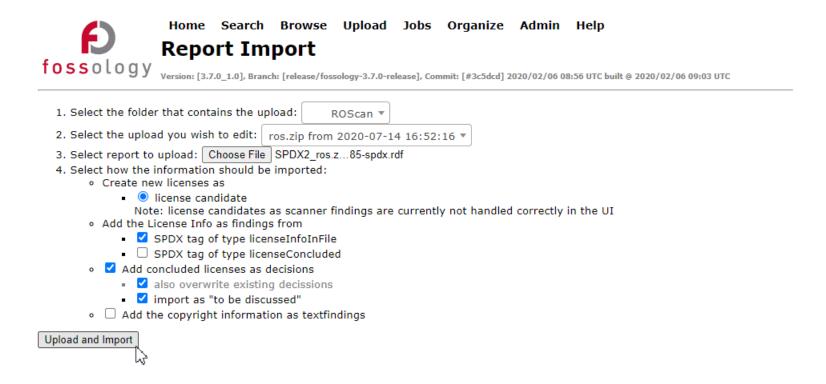
- Open the Fossology GUI within your browser
- Choose "Upload" -> "Import Report"

Import a report to a package



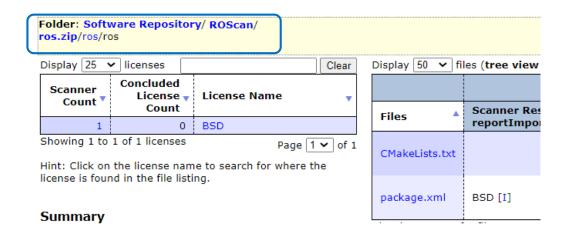
- 1. Select the folder (within Fossology) at which the package to edit is located
- 2. Choose the package you would like to add the report to
- 3. Choose the (downloaded) report which should be added

Import a report to a package



- 4. Select how the information (from the report) should be imported
 - -> "Add concluded licenses as decisions" will always overwrite existing decisions!

Import a report to a package - Hint



SPDX2_ros.zip_1595247747-spdx_example.rdf

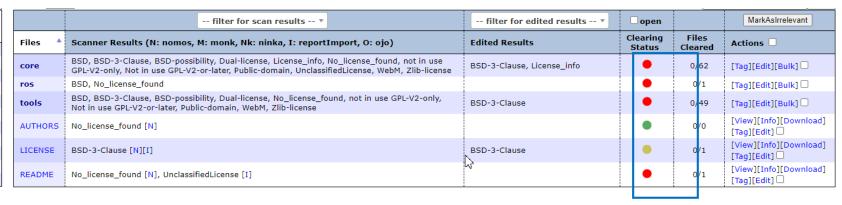
The folder structure of your package at Fossology has to be equal to the folder structure which was used for the report export. This includes also the naming of folders and files.

Otherwise the tool is not able to match report result and belonging file.

With and without import as "to be discussed"

With "To be discussed"

Scanner Count ▼	Concluded License 🔻 Count	License Name		
69	69	BSD-3-Clause		
22	0	BSD-possibility		
11	0	WebM		
9	0	UnclassifiedLicense		
8	0	Public-domain		
5	0	BSD		
1	1	License_info		
1	0	not in use GPL-V2-only		
1	0	Zlib-license		
1	0	Not in use GPL-V2-or-later		
1	0	Dual-license		



Without "To be discussed"

Scanner Count ▼	Concluded License 🔻 Count	License Name ▼
69	69	BSD-3-Clause
22	0	BSD-possibility
11	0	WebM
9	0	UnclassifiedLicense
8	0	Public-domain
5	0	BSD
1	1	License_info
1	0	not in use GPL-V2-only
1	0	Zlib-license
1	0	Not in use GPL-V2-or-later
1	0	Dual-license

	filter for scan results ▼	filter for edited results 🔻	open		MarkAsIrrelevant
Files ^	Scanner Results (N: nomos, M: monk, Nk: ninka, I: reportImport, O: ojo)	Edited Results	Clearing Status	Files Cleared	Actions 🗆
core	BSD, BSD-3-Clause, BSD-possibility, Dual-license, License_info, not in use GPL-V2-only, Not in use GPL-V2-or-later, Public-domain, UnclassifiedLicense, WebM, Zlib-license	BSD-3-Clause, License_info	•	37, 62	[Tag][Edit][Bulk] 🗌
ros	BSD		•	0, 1	[Tag][Edit][Bulk] 🗆
tools	BSD, BSD-3-Clause, BSD-possibility, Dual-license, not in use GPL-V2-only, Not in use GPL-V2-or- later, Public-domain, WebM, Zlib-license	BSD-3-Clause	•	32, 49	[Tag][Edit][Bulk] 🗌
AUTHORS			•	0,0	[View][Info][Download] [Tag][Edit]
LICENSE	BSD-3-Clause [I]	BSD-3-Clause	•	1,/1	[View][Info][Download] [Tag][Edit]
README	UnclassifiedLicense [I]		•	0, 1	[View][Info][Download] [Tag][Edit]

• If you take over the report without the "to be discussed" flag the imported report results will be directly transferred to your package. So you don't have to do decision checks for belonging files again, but therefore you have to trust the decisions within the report.

Job overview



Home Search Browse Upload Jobs Organize Admin Help Show Jobs

User: Group:

ersion: [3.7.0_1.0], Branch: [release/fossology-3.7.0-release], Commit: [#3c5dcd] 2020/02/06 08:56 UTC built @ 2020/02/06 09:03 UTC

			1 2 3 [Next] [Last]					
ros.zip								
Job/Dependency	Status ros.zip Average items/sec ETA							
255162	Completed	reportImport	47 items 2020-07-14 17:02 - 2020-07-14 17:02	47.000 items/sec	Scanned	[Download uploaded SPDX2 report]		
		W						
			ros.zip					
Job/Dependency	Status		ros.zip	Average items/sec	ETA			
55161	Completed	spdx2	269 items 2020-07-14 16:56 - 2020-07-14 16:56	269.00 items/sec	Scanned	[Download SPDX2 report]		
-								
			ros.zip					
Job/Dependency	Status		ros.zip	Average items/sec	ETA			
55151	Completed	ununpack	289 items 2020-07-14 16:52 - 2020-07-14 16:52	32.111 items/sec	Scanned			
55152 / 255151	Completed	adj2nest	288 items 2020-07-14 16:52 - 2020-07-14 16:52	288.00 items/sec	Scanned			
	Completed Completed	adj2nest nomos	192 items 2020-07-14 16:52 - 2020-07-14 16:52	288.00 items/sec 11.294 items/sec	Scanned Scanned			
55153 / 255152			192 items 2020-07-14 16:52 - 2020-07-14 16:52 0 items 2020-07-14 16:52 - 2020-07-14 16:52					
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Done job for:

- Import
- Export
- Package upload

Import a new export file

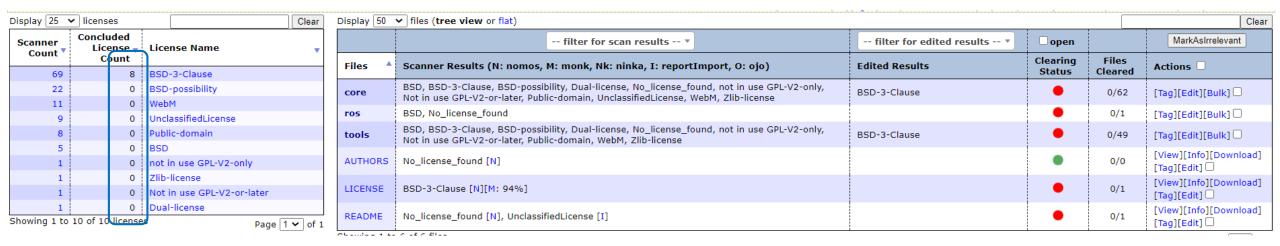
	filter for scan results ▼	filter for edited results 🔻	open		MarkAsIrrelevant
Files ^	Scanner Results (N: nomos, M: monk, Nk: ninka, I: reportImport, O: ojo)	Edited Results	Clearing Status	Files Cleared	Actions 🗆
core	BSD, BSD-3-Clause, BSD-possibility, No_license_found, Public-domain		•	0/61	[Tag][Edit][Bulk] 🗌
ros	BSD, No_license_found		•	0/1	[Tag][Edit][Bulk] 🗆
tools	BSD, BSD-3-Clause, BSD-possibility, No_license_found, Public-domain		•	0/45	[Tag][Edit][Bulk] 🗆
AUTHORS	No_license_found [N]		•	0/0	[View][Info][Download] [Tag][Edit]
LICENSE	BSD-3-Clause [N]		•	0/1	[View][Info][Download] [Tag][Edit]
README	No_license_found [N]		•	0/0	[View][Info][Download] [Tag][Edit]

Scanner Count ▼	Concluded License v Count		License Name
69		69	BSD-3-Clause
22		0	BSD-possibility
11		0	WebM
9		0	UnclassifiedLicense
8	0		Public-domain
5	0		BSD
1		1	License_info
1		0	not in use GPL-V2-only
1		0	Zlib-license
1	0		Not in use GPL-V2-or-later
1	1 0		Dual-license

		filter for scan results 🔻		filter for edited results 🔻	□open		MarkAsIrrelevant
Files 🔺	Scanner Results (N: nomos, M: monk, Nk: ninka, I: reportImport, O: ojo)			Edited Results	Clearing Status	Files Cleared	Actions 🗆
core	BSD, BSD-3-Clause, BSD-possibility, Dual-license, License_info, not in use GPL-V2-only, Not in use GPL-V2-orlater, Public-domain, UnclassifiedLicense, WebM, Zlib-license		BSD-3-Clause, License_info	•	37/62	[Tag][Edit][Bulk] 🗆	
ros	BSD			•	0/1	[Tag][Edit][Bulk] 🗆	
tools	BSD, BSD-3-Clause, BSD-possil later, Public-domain, WebM, Zlib	bility, Dual-license, not in use GPI o-license	BSD-3-Clause	•	32/49	[Tag][Edit][Bulk] 🗆	
AUTHORS					•	0/0	[View][Info][Download] [Tag][Edit]
LICENSE	BSD-3-Clause [I]			BSD-3-Clause	•	1/1	[View][Info][Download] [Tag][Edit]
README	UnclassifiedLicense [I]				•	0/1	[View][Info][Download] [Tag][Edit]

• If the imported report bases on the same version of the package all decisions (in this case 70) from the report will be connected with the belonging package files

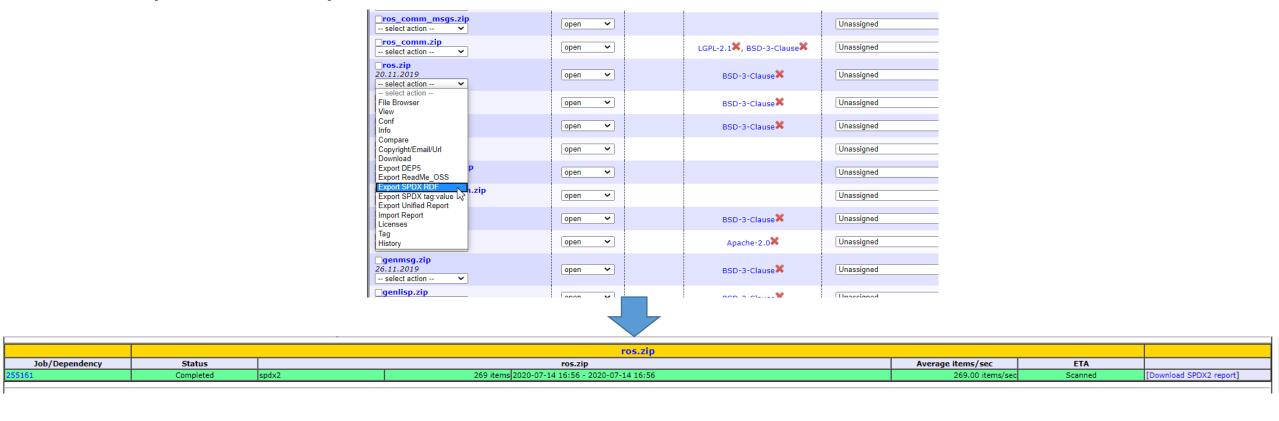
Import a older export file



If the imported report bases on an older version of the package just decisions for unchanged files (in this
case 8) will be connected with the belonging package files

Export

Export Report



In case of an export choose the "Export SPDX RDF" item from the drop down list of the belonging package.
 This triggers a job to create and download the report