

DRAFT_GroupSpecification_1.1

SPDX JSON Attribute Name	Mandatory/Conditional mandatory/Optional	Example	Ruleset/Explanatory notes
A. creationInfo			
SPDXID	Mandatory	„OSO-1234“, „6543“	Internal Reference depending on entity.
spdxVersion	Mandatory	“SPDX-2.3”	Must be SPDX-2.3
creationInfo : comment	Mandatory	“GroupSpec”	Must be GroupSpec
creationInfo : creators	Optional	"Tool: LicenseFind-1.0", "Organization: ExampleCodeInspect ()", "Person: Jane Doe ()"	
externalDocumentRefs: externalDocumentId	Conditonal mandatory (Grouptakeover)	“6543”, “OSO-1234”	Relevant for GroupTakeover only; external reference of receiving entity
comment	Optional		Comments relating to the submitted project as a whole
B. packages			
SPDXID	Mandatory	“SPDXRef-package”	
name	Mandatory	“ffmpeg”	
versionInfo	Mandatory	“0.6.1”	
downloadLocation	Mandatory		
hasFiles	Mandatory	“SPDXRef-file”	Containing all SPDXIDs of files being part of the package
licenseConcluded	Mandatory	“MIT”, “BSD-3-Clause”, “MIT OR GPL-2.0-or-later”, “LicenseRef-1”, “GPL-2.0-or-later WITH Classpath-exception-2.0”	Containing the valid License Identifier (SPDX - https://spdx.org/licenses/ and ScancodeDB - https://scancode-licensedb.aboutcode.org/) of the license on package level. To the extent there is no valid License Identifier available, an identifier further

			defined under section D. has to be used. Please note, that this license has to be included additionally on file level.
comment	Optional	"Package level annotation"	
copyrightText	Optional		Containing the package level copyright notice. Potentially relevant for sBOM. Please note, that this copyright notice has to be included additionally on file level.
checksums	Optional	"algorithm" : "SHA256", "checksumValue" : "11b6d3ee554eedf79299905a98f9b9a04e49821 0b59f15094c916c91d150efcd"	Containing checksum information in SHA256 of the package in executable form (e.g. as a single, executable file). Potentially relevant for sBOM.
C. files			
SPDXID	Mandatory	"SPDXREF-file"	
fileName	Mandatory	"./src/org/spdx/parser/DOAPPProject.java", "MIT files"	
licenseConcluded	Mandatory	"MIT", "BSD-3-Clause", "MIT OR GPL-2.0-or-later", "LicenseRef-1", "GPL-2.0-or-later WITH Classpath-exeception-2.0"	Containing the valid License Identifier (SPDX - https://spdx.org/licenses/ and ScancodeDB - https://scancode-licensedb.aboutcode.org/). To the extent there is no valid License Identifier available, an identifier further defined under section D. has to be used.
copyrightText	Mandatory		

noticeText	Optional	“Apache Commons Lang\nCopyright 2001-2011 The Apache Software Foundation\n\nThis product includes software developed by\nThe Apache Software Foundation (http://www.apache.org/).\n\nThis product includes software from the Spring Framework,\nunder the Apache License 2.0 (see: StringUtils.containsWhitespace())”	Containing the contents of a NOTICE file, to the extent available.
attributionTexts	Optional	„This product includes software developed by the AT&T.“	Containing individualized acknowledgement text, to the extent required by the license.
licenseComments	Conditional mandatory (Dual-licensing)	“chosen: MIT”, “chosen: GPL-2.0 WITH Classpath-exception-2.0”, “chosen: LicenseRef-1”	Containing the information regarding the license choice in case there is one. The format of the string has to be: “chosen: [License Identifier]”. Regarding the License Identifier the explanatory notes for licenseConcluded also apply in this case.
D. hasExtractedLicensingInfos			
licenseId	Conditional mandatory (no valid License Identifier available)	“LicenseRef-BSD-3-Clause-123”, “LicenseRef-1”	Unique identifier for reference in the package and file section
extractedText	Conditional mandatory (no valid License Identifier available)		
name	Conditional mandatory (no valid License Identifier available)	“BSD-3-Clause”, “MIT”	Should always include the valid License Identifier (SPDX - https://spdx.org/licenses/ and ScancodeDB - https://scancode-licensedb.aboutcode.org/), if it is an SPDX license with an individualized license text.

			In case there is no entry or match in the DB, set the value as empty string.
E. relationships			
spdxElementId	Conditional mandatory (relationship relevant due to certain license obligations)	"SPDXRef-package"	
relationshipType	Conditional mandatory (relationship relevant due to certain license obligations)	Linking ("STATIC_LINK", "DYNAMIC_LINK") Modification ("OTHER") Dependencies ("DEPENDS_ON", "DEPEDENCY_OF", "RUNTIME_DEPEDENCY_OF", "PROVIDED_DEPEDENCY_OF", "PACKAGE_OF", "PREREQUISITE_FOR")	WARNING: Only the attributes shown in the example field will be processed.
relatedSpdxElement	Optional	"SPDXRef-package"	Not necessary in case of relationshipType : "OTHER"
comment	Conditional mandatory (relationshipType : "OTHER")	"MODIFIED"	Must be "MODIFIED", in case of modification. In this case the provision of relatedSpdxElement is not necessary
F. annotations			
annotator	Conditonal mandatory (Grouptakeover)		
annotationDate	Conditonal mandatory (Grouptakeover)		
annotationType	Conditonal mandatory (Grouptakeover)	"REVIEW"	Must be "REVIEW"

comment	Conditonal mandatory (Grouptakeover)		
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