

.Reference card - FLINT frames JSON file v1

On this page we describe the schema of the FLINT frames JSON file.

The elements listed below can be available in a FLINT frames bundle in the *.flint.json JSON file.

On this page:

- [On this page we describe the schema of the FLINT frames JSON file.](#)
- [JSON schema](#)
- [Acts array item](#)
- [Facts array item](#)
- [Duties array item](#)
- [Complex types](#)
 - [Annotation](#)
 - [Condition](#)
 - [Related term](#)

JSON schema

This JSON schema defines the structure for describing a FLINT frames JSON file.



Download link: [JSON schema FLINT frames resource](#)

Acts array item

Property	Description	Type	Examples
id	Identifier of the act.	String	"66744079-5c2d-4dae-8878-a2d9a5f00aa9"
functionalId	Functional identifier of the act.	String	"WarnAboutLostOrStolenLibraryCard"
typeId	Type identifier of the act, includes 'act'.	Constant	"act"
label	Label containing the phrase with the description of the act.	String	"Warn about lost or stolen library card"
relatedTerms	List of references to related terms	Array of related terms	
explanation	Explanation containing information about the act.	String	"This frame is about the act of warning when a library card is lost or stolen."
validFrom	Optional date indicating the validity start date of the act.	String with format "date"	"2024-04-15"
validTo	Optional date indicating the validity end date of the act.	String with format "date"	"2028-12-15"
actorId	Functional identifier of a fact subtyped as agent.	String	"Borrower"
actionId	Functional identifier of a fact subtyped as action.	String	"Warn"
objects	Objects which the act concerns (facts subtyped as object)	Array of objects, referencing the functional identifier of the concerned frame	
recipientId	Functional identifier of a fact subtyped as agent.	String	"Library"
precondition	Functional identifier of the precondition facts of the act, grouped by boolean operators and / or.	Array of conditions	
creates	Creating facts, facts subtyped as object or duties (frames) of the act.	Array of objects, referencing the functional identifier of the frame being created.	
terminates	Terminating facts, facts subtyped as object or duties (frames) of the act.	Array of objects, referencing the functional identifier of the frame being terminated.	
comments	List of comments related to the act.	Array of strings	
annotations	List of annotations related to the act.	Array of annotations	

Facts array item

Property	Description	Type	Examples
id	Identifier of the fact.	String	"0e9aee94-9815-4e82-82da-8ad52418c0e5"

functionalId	Functional identifier of the fact.	String	"OurMinisterOfJustice"
typeId	Type identifier of the act, includes 'fact'.	Constant	"fact"
subTypeId	Subtype identifier of the fact.	Enum value ("agent", "object", "action", "duty", "" or null)	
label	Label containing the phrase with the description of the fact.	String	"The foreign national only has lawful residence in the Netherlands"
relatedTerms	List of references to related terms	Array of related terms	
explanation	Explanation containing information about the fact.	String	"This frame is about the fact of lawful residence in all provinces of the Netherlands."
validFrom	Optional date indicating the validity start date of the fact.	String with format "date"	"2024-04-15"
validTo	Optional date indicating the validity end date of the fact.	String with format "date"	"2028-12-15"
subdivision	Functional identifier of the condition facts, grouped by boolean operators and / or.	Array of conditions	
comments	List of comments related to the act.	Array of strings	
annotations	List of annotations related to the act.	Array of annotations	

Duties array item

Property	Description	Type	Examples
id	Identifier of the duty.	String	"0e9aee95-9815-4e82-82da-8ad52418c0e5"
functionalId	Functional identifier of the fact.	String	"NotLoanBorrowedMaterialsToThirdParties"
typeId	Type identifier of the act, includes 'duty'.	Constant	"duty"
label	Label containing the phrase with the description of the duty.	String	"Not loan borrowed materials to third parties"
relatedTerms	List of references to related terms	Array of related terms	
explanation	Explanation containing information about the duty.	String	"This frame is about the duty regarding third parties, meaning all other parties than the library."
validFrom	Optional date indicating the validity start date of the duty.	String with format "date"	"2024-04-15"
validTo	Optional date indicating the validity end date of the duty.	String with format "date"	"2028-12-15"
dutyHolderId	Functional identifier of a fact subtyped as agent.	String	"Borrower"
claimantId	Functional identifier of a fact subtyped as agent.	String	"Library"
comments	List of comments related to the act.	Array of strings	
annotations	List of annotations related to the act.	Array of annotations	

Complex types

Annotation

The annotation section contains a list of text snippets with associated information.

Property	Description	Type	Examples
sourceId	Source identifier	String	"006s"
sectionId	Section identifier	String	"006s_section1"
characterRange	Character range of the snippet.	Array of items with properties "StartOffset" and "EndOffset"	"characterRange": [1, 14]
text	Text content of the snippet.	String	"Our minister"

Condition

Property	Description	Type	Examples
frame	Frame of the condition.	String	

isNegated	Indicates if the condition is negated.	Boolean	
children	List of child conditions.	Array of conditions	
operatorToJoinChildren	Operator used to join child conditions ('and' or 'or')		

Related term

Property	Description	Type	Examples
termId	The full path to the functional identifier of the related term.	String	bundle://org.library.frames.TermsAndConcepts/frames.beimodel.json#Library