

**Table 1.** The classes of the connected ontologies

<b>Ontology</b>	<b>Class</b>	<b>Annotation</b>	<b>IRI</b>
L4LOD	Attribution	This class is used to express the obligation of attribution to author of the licensed data. Status: stable.	<a href="https://ns.inria.fr/l4lod/v2/l4lod_v2.html#Attribution">https://ns.inria.fr/l4lod/v2/l4lod_v2.html#Attribution</a>
L4LOD	CommercialExp	This class is used to express the permission to commercially exploit the licensed data. Status: stable.	<a href="https://ns.inria.fr/l4lod/v2/l4lod_v2.html#CommercialExp">https://ns.inria.fr/l4lod/v2/l4lod_v2.html#CommercialExp</a>
L4LOD	Derivative	This class is used to express the permission to distribute derivative works from the licensed data. Status: stable.	<a href="https://ns.inria.fr/l4lod/v2/l4lod_v2.html#Derivative">https://ns.inria.fr/l4lod/v2/l4lod_v2.html#Derivative</a>
L4LOD	NoCommercial	The class is used to express the prohibition of commercial use of the licensed data. Status: stable.	<a href="https://ns.inria.fr/l4lod/v2/l4lod_v2.html#NoCommercial">https://ns.inria.fr/l4lod/v2/l4lod_v2.html#NoCommercial</a>
L4LOD	NoDerivative	The class is used to express the prohibition of producing derivative work of the licensed data. Status: stable.	<a href="https://ns.inria.fr/l4lod/v2/l4lod_v2.html#NoDerivative">https://ns.inria.fr/l4lod/v2/l4lod_v2.html#NoDerivative</a>
L4LOD	ShareAlike	This class is used to express the obligation of for the derivative works be licensed under the same terms of the licensed data. Status: stable.	<a href="https://ns.inria.fr/l4lod/v2/l4lod_v2.html#ShareAlike">https://ns.inria.fr/l4lod/v2/l4lod_v2.html#ShareAlike</a>
LKIF-core	Exception	An exception is something that is excluded from a general statement or does not follow a rule. In LKIF rules, an exception is a rule which has an exception relation to another rule (cf. Deliverable 1.1)	<a href="http://www.estrellaproject.org/lkif-core/expression.owl#Exception">http://www.estrellaproject.org/lkif-core/expression.owl#Exception</a>
LKIF-core	Legal_Person	A legal entity is a natural person or a legal construct through which the law allows a group of natural persons to act as if it were a single composite individual for certain purposes. The most common purposes are lawsuits, property ownership, and contracts. Sometimes referred to as corporate personhood or legal personality, this concept allows for easy conduct of business by having ownership, lawsuits, and agreements under the name of the legal entity instead of the several names of the people making up the	<a href="http://www.estrellaproject.org/lkif-core/legal-action.owl#Legal_Person">http://www.estrellaproject.org/lkif-core/legal-action.owl#Legal_Person</a>

		<p>entity.</p> <p>A legal entity is not necessarily distinct from the natural persons of which it is composed. Most legal entities are simply amalgamations of the persons that make it up for convenience's sake. A legal entity that does have a separate existence from its members is called a company or corporation. This distinction gives the corporation its unique perpetual succession privilege and is usually also the source of the limited liability of corporate members. Some other legal entities also enjoy limited liability of members, but not on account of separate existence (Source: Wikipedia.org)</p>	
LKIF-core	Legal_Source	A legal source is a source for legal statements, both norms and legal expressions. In a sense it is literally a 'source' of law	<a href="http://www.estrellaproject.org/lkif-core/norm.owl#Legal_Source">http://www.estrellaproject.org/lkif-core/norm.owl#Legal_Source</a>
LKIF-core	Legal_Document	A legal document is a document bearing norms or normative statements. By virtue of this definition the norm-as-propositional-attitude is reified as norm-as proposition. In other words, the norm being expressed through the legal source is an expression of the propositional attitude.	<a href="http://www.estrellaproject.org/lkif-core/norm.owl#Legal_Document">http://www.estrellaproject.org/lkif-core/norm.owl#Legal_Document</a>
LKIF-core	Natural_Person	A natural person is a human being perceptible through the senses and subject to physical laws, as opposed to an artificial person, i.e., an organization that the law treats for some purposes as if it were a person distinct from its members or owner.	<a href="http://www.estrellaproject.org/lkif-core/legal-action.owl#Natural_Person">http://www.estrellaproject.org/lkif-core/legal-action.owl#Natural_Person</a>
LKIF-core	Right	A right is the legal or moral entitlement to do or refrain from doing something or to obtain or refrain from obtaining an action, thing or recognition in civil society.	<a href="http://www.estrellaproject.org/lkif-core/norm.owl#Right">http://www.estrellaproject.org/lkif-core/norm.owl#Right</a>
OWL	Thing	-	<a href="http://www.w3.org/2">http://www.w3.org/2</a>

			002/07/owl#Thing
Schema	Action	An action performed by a direct agent and indirect participants upon a direct object. Optionally happens at a location with the help of an inanimate instrument. The execution of the action may produce a result. Specific action sub-type documentation specifies the exact expectation of each argument/role.	<a href="https://schema.org/Action">https://schema.org/Action</a>
Schema	Author	The author of this content or rating.	<a href="https://schema.org/author">https://schema.org/author</a>
Schema	CreativeWork	The most generic kind of creative work, including books, movies, photographs, software programs, etc.	<a href="https://schema.org/CreativeWork">https://schema.org/CreativeWork</a>
CopyrightOntology	AttributionRight	The right to claim authorship of the work.	<a href="http://rhizomik.net/ontologies/copyrightonto.owl#AttributionRight">http://rhizomik.net/ontologies/copyrightonto.owl#AttributionRight</a>
CopyrightOntology	DisseminationRight	The right to disclose the work.	<a href="http://rhizomik.net/ontologies/copyrightonto.owl#DisclosureRight">http://rhizomik.net/ontologies/copyrightonto.owl#DisclosureRight</a>
CopyrightOntology	EducationRight	To illustrate for teaching and research, uses for reproduction and communication to the public in educational institutions, libraries and archives.	<a href="http://rhizomik.net/ontologies/copyrightonto.owl#EducationRight">http://rhizomik.net/ontologies/copyrightonto.owl#EducationRight</a>
CopyrightOntology	InformationRight	News incorporating other news and news incorporating other works.	<a href="http://rhizomik.net/ontologies/copyrightonto.owl#InformationRight">http://rhizomik.net/ontologies/copyrightonto.owl#InformationRight</a>
CopyrightOntology	IntegrityRight	The right to object to any distortion, mutilation or other modification of, or other derogatory action in relation to, the work which would be prejudicial to the author's honour or reputation.	<a href="http://rhizomik.net/ontologies/copyrightonto.owl#IntegrityRight">http://rhizomik.net/ontologies/copyrightonto.owl#IntegrityRight</a>
CopyrightOntology	MoralRights	Moral rights are always held by the creator and cannot be commercially exploited. They are not present in all legal systems. However, WIPO treaties are promoting some of them in order to improve worldwide copyright law harmonisation.	<a href="http://rhizomik.net/ontologies/copyrightonto.owl#MoralRights">http://rhizomik.net/ontologies/copyrightonto.owl#MoralRights</a>
CopyrightOntology	OfficialActRight	To use for certain administrative, judicial or	<a href="http://rhizomik.net/ontologies/copyrightonto.owl#OfficialActRight">http://rhizomik.net/ontologies/copyrightonto.owl#OfficialActRight</a>

gy		security proceedings and religious or official ceremonies.	nto.owl#OfficialActRight
CopyrightOntology	ParodyRight	To use for parody and caricature.	<a href="http://rhizomik.net/ontologies/copyrightonto.owl#ParodyRight">http://rhizomik.net/ontologies/copyrightonto.owl#ParodyRight</a>
CopyrightOntology	PrivateCopyRight	To reproduce a work exclusively for the personal and private use of the person who makes the reproduction, e.g. a backup.	<a href="http://rhizomik.net/ontologies/copyrightonto.owl#PrivateCopyRight">http://rhizomik.net/ontologies/copyrightonto.owl#PrivateCopyRight</a>
CopyrightOntology	QuotationRight	The making of quotations from a protected work, provided that the source is mentioned and that the extent of the quotation is compatible with fair practice.	<a href="http://rhizomik.net/ontologies/copyrightonto.owl#QuotationRight">http://rhizomik.net/ontologies/copyrightonto.owl#QuotationRight</a>
CopyrightOntology	TemporaryReproductionRight	To produce ephemeral reproductions required in order to facilitate some technological processes geared towards work usage, e.g. internet caches.	<a href="http://rhizomik.net/ontologies/copyrightonto.owl#TemporaryReproductionRight">http://rhizomik.net/ontologies/copyrightonto.owl#TemporaryReproductionRight</a>
CopyrightOntology	UsersRights	End-users have some special permissions that grant them the possibility to perform some actions otherwise forbidden by copyright, although this does not mean that the user must pay a compensation if they are exercises, e.g. levies on digital recording equipment and media. These exceptions to copyright should be considered as end-user privileges and not rights. However, some of them are referred to as rights, e.g. the right to quote. Moreover, they are modelled as rights in this conceptualisation in order to build a more homogeneous model.	<a href="http://rhizomik.net/ontologies/copyrightonto.owl#UsersRights">http://rhizomik.net/ontologies/copyrightonto.owl#UsersRights</a>
CopyrightOntology	Withdraw	-	<a href="http://rhizomik.net/ontologies/copyrightonto.owl#Withdraw">http://rhizomik.net/ontologies/copyrightonto.owl#Withdraw</a>
CopyrightOntology	WithdrawalRight	The right to withdraw the work.	<a href="http://rhizomik.net/ontologies/copyrightonto.owl#WithdrawalRight">http://rhizomik.net/ontologies/copyrightonto.owl#WithdrawalRight</a>
The time interval pattern (ti:)	TimeInterval	Any Region in a dimensional space that aims at representing time. It should be used when you	<a href="http://www.ontologydesignpatterns.org/cp/owl/timeinterval.owl#TimeInterval">http://www.ontologydesignpatterns.org/cp/owl/timeinterval.owl#TimeInterval</a>

		want to talk about time as an object having some characteristics.	
The DBpedia Ontology (dbo:)	Jurisdiction	Jurisdiction is the practical authority granted to a formally constituted legal body or to a political leader to deal with and make pronouncements on legal matters and, by implication, to administer justice within a defined area of responsibility.	<a href="http://dbpedia.org/ontology/jurisdiction">http://dbpedia.org/ontology/jurisdiction</a>
Data Catalog Vocabulary (DCAT)	Dataset	A collection of data, published or curated by a single agent, and available for access or download in one or more formats.	<a href="https://www.w3.org/TR/vocab-dcat/#class-dataset">https://www.w3.org/TR/vocab-dcat/#class-dataset</a>

Table 2. The properties of the connected ontologies

Ontology	Property	Annotation	IRI
OWL	owl:disjointWith	A class axiom may also contain (multiple) owl:disjointWith statements. owl:disjointWith is a built-in OWL property with a class description as domain and range. Each owl:disjointWith statement asserts that the class extensions of the two class descriptions involved have no individuals in common. Like axioms with rdfs:subClassOf, declaring two classes to be disjoint is a partial definition: it imposes a necessary but not sufficient condition on the class.	<a href="https://www.w3.org/TR/2004/REC-owl-ref-20040210/#disjointWith-def">https://www.w3.org/TR/2004/REC-owl-ref-20040210/#disjointWith-def</a>
LKIF-core	lkif:result_Of	Specifies that some participant is the result of a process, it might have existed before the process took place, but is in some way altered (an 'inanimate' goal of an act)	<a href="http://www.estrellaproject.org/lkif-core/process.owl#result_of">http://www.estrellaproject.org/lkif-core/process.owl#result_of</a>
LKIF-core	lkif:holds	Relates an agent to the propositional attitude it holds	<a href="http://www.estrellaproject.org/lkif-core/expression.owl#holds">http://www.estrellaproject.org/lkif-core/expression.owl#holds</a>