

MovieLabs Common Ontology Identifiers

Overview

Identifiers are a fundamental part of any linked data system. They provide the mechanism for referencing or connecting to information in other systems. An identifier is relevant and valid within a particular context, sometimes called its ‘domain.’

There are many, many identifier systems. Identifiers in the Common Ontology follow the structure used in EIDR to provide an identifier’s context. EIDR identifiers have a type and/or a domain. Types are typically assigned for identifiers that are commonly used, public standards, or important in some other way, such as IMDB, ISAN, or DOI. Identifiers that are not in this set are of type Proprietary, to which a domain attribute is added to provide the necessary context.

EIDR promotes identifiers from Proprietary to a predefined type from time to time. The Common Ontology has several types that are Proprietary in EIDR but are either candidates for promotion, or more commonly used in ontology implementations than they are in EIDR.

<https://ui.eidr.org/assets/uri-mapping.json> has resolvable URI forms for many types and domains

The following table lists the ontology identifier types and their corresponding EIDR types and domains, as well as Wikidata mappings (where we have them.)

JSON type: Some EIDR domains are converted to types in the ontology

RDF type: Some EIDR domains are converted to types in the ontology

Wikidata type: The wdt: namespace is <<http://www.wikidata.org/prop/direct/>>. Many other Wikidata ID types have EIDR domains; they will be added in a future version of this document.

EIDR type/domain: When mapping an EIDR Proprietary type to an ontology type (RDF or JSON) keep the domain. If an ID is a mixture of type and domain, e.g. IMDB, keep or add the domain.

JSON type	RDF type	Wikidata ID type	EIDR Type	EIDR Domain	Note
imdb	cw:IMDBIdentifier	wdt:P345	IMDB	imdb.com	Always have imdb.com domain in the mapped result
eidr	cw:EIDRIdentifier	wdt:P2704	EIDR		
isan	cw:ISANIdentifier	wdt:P3212	ISAN		
tvgr	cw:TVGIdentifier	wdt:P3804	TVG		
amg	cw:AMGIdentifier		AMG		Deprecated

baseline	cw:BaselineIdentifier		Baseline		
muze	cw:MUZEIdentifier		MUZE		Not in use
trib	cw:TRIBIdentifier		TRIB		
uuid	cw:UUIDIdentifier		UUID		
uri	cw:URIIdentifier		URI		
grid	cw:GRIDIdentifier		GRID		Not in use
isrc	cw:ISRCIdentifier		ISRC		Not in use
doi	cw:DOIIdentifier	wdt:P356	DOI		
smpteumid	cw:SMPTEUMIDIdentifier		SMPTE-UMID		Not in use
adid	cw:ADIDIdentifier		Ad-iD		
upc	cw:UPCIdentifier		UPC		Not in use on abstractions
crid	cw:CRIDIdentifier		CRID		Not in use
cidf	cw:CIDFIdentifier		cIDF		Not in use
urn	cw:URNIdentifier		URN		
iva	cw:IVAIdentifier		IVA		Internet Video Archive
Archives and film institutes					
bfi	cw:BFIIIdentifier			bfi.org.uk	British Film Institute PRIREF
				bfi.org.uk/gifford	Treat as 'other'. Not resolvable.
afi	cw:AFIIIdentifier	wdt:P3593		afidb.com	American Film Institute
dfi	cw:DFIIIdentifier	wdt:P1804		dfi.dk/movie	Danish Film Institute. They might have other domains....
sfi	cw:SFIIdentifier	wdt:P2334		sfi.se	Swedish Film Institute
bomojo	cw:BoxOfficeMojoidentifier	wdt:P1237		boxofficemojo.com	
wikidata	cw:WikidataIdentifier			wikidata.org	
wikipedia	cw:WikipediaIdentifier				Not in EIDR
lumiere	cw:AVOLumiereIdentifier			lumiere.avocoe.int	
commonsensemedia	cw:CommonSenseMediaIdentifier			commonsense.org/nid	
				commonsense.org/uuid	Treat as 'other'. Not resolvable.

kinopoisk	cw:OtherTypeOfIdentifier			kinoposik.ru	Keep domain in both cases when mapping from EIDR.
rottentom	cw:RottenTomatoesIdentifier				Not in EIDR
flixster	cw:FlixsterIdentifier			flixster.com	Goes to same page as rotten tomatoes, but a different ID
itunes	cw:ItunesIdentifier				Not in EIDR
tmdb	cw:TheMovieDBIdentifier	wdt:P4947		themoviedatabase.com/ movie	
tcm	cw:TCMIdentifier	wdt:P2631		tcm.com	
citwf	cw:CITWFIdentifier			citwf.com	
Webedia Family					
webedia	cw:WebediaIdentifier			webedia-group.com All RDF types under the webedia domain are subclasses of this.	EIDR provides multiple UR mappings for a webedia ID, one for each local site. The mapper can generate a single webedia ID with multiple URLs and/or whichever of the subclasses it cares about
allocine	cw:AlloCineIdentifier	wdt:P1265		webedia-group.com	Keep domain when mapping
adoro	cw:AdoroIdentifier			webedia-group.com	Keep domain when mapping
beyazperde	cw:BeyazPerdeIdentifier			webedia-group.com	Keep domain when mapping
filmstarts	cw:FilmstartsIdentifier			webedia-group.com	Keep domain when mapping
sensacine	cw:SensaCineIdentifier			webedia-group.com	Keep domain when mapping
moviepilot	cw:MoviePilotIdentifier			moviepilot.de	A webedia ID that uses a different domain
From Wikidata					
VIAF	cw:VIAFIdentifier	wdt:P214			
googleKB	cw:GoogleKnowledgeGraphIdentifier	wdt:P2671			
freebase	cw:FreebaseIdentifier	wdt: P646			
Other Identifiers					

other	cw:OtherTypeOfIdentifier cw:ProprietaryIdentifier				<p>Anything not otherwise in this table; they should have a unique domain, e.g. taken from the EIDR type or domain, or by convention in the collection manager.</p> <p>If there is a type in JSON but not in RDF, it's best to keep a domain in both.</p> <p>The two RDF types are equivalent and exist together for historical vocabulary reasons.</p>
Studio internal identifiers					Keep as OtherTypeOfIdentifier, preserving the various domains
sony				multiple	None resolvable
warner				multiple	None resolvable
disney				multiple	None resolvable
paramount				multiple	None resolvable
universal				multiple	None resolvable
fox				multiple	None resolvable