

ONTOLOGIA SCRITTA IN DL-Lite_A

CONCEPTS

ACTOR \subseteq \exists actor2movie

ACTOR \subseteq δ (id)

ACTOR \subseteq δ (name)

ACTOR \subseteq δ (surname)

ACTOR \subseteq δ (sex)

AKANAME \subseteq \exists actorsaka⁻

AKANAME \subseteq δ (akaname)

AKANAME \subseteq δ (akasurname)

PRODDESIGNER \subseteq \exists proddesignby⁻

PRODDESIGNER \subseteq δ (name)

PRODDESIGNER \subseteq δ (surname)

DIRECTOR \subseteq \exists directedby⁻

DIRECTOR \subseteq δ (name)

DIRECTOR \subseteq δ (surname)

PRODUCER \subseteq \exists prodby⁻

PRODUCER \subseteq δ (name)

PRODUCER \subseteq δ (surname)

AKATITLE \subseteq \exists moviesaka⁻

AKATITLE \subseteq δ (title)

ITAKATITLE \subseteq \exists moviesitaka⁻

ITAKATITLE \subseteq δ (title)

CINEMATOGRAPHER \subseteq \exists cinematographyby⁻

CINEMATOGRAPHER \subseteq δ (name)

CINEMATOGRAPHER \subseteq $\delta(\text{surname})$

DESIGNER \subseteq $\exists \text{ designer2movie}^-$

DESIGNER \subseteq $\delta(\text{name})$

DESIGNER \subseteq $\delta(\text{surname})$

DISTRIBUTOR \subseteq $\exists \text{ distributed}^-$

DISTRIBUTOR \subseteq $\delta(\text{name})$

KEYWORD \subseteq $\delta(\text{word})$

PLOT \subseteq $\exists \text{ plot2movie}$

PLOT \subseteq $\delta(\text{id})$

PLOT \subseteq $\delta(\text{plot})$

PLOT \subseteq $\delta(\text{author})$

GOOF \subseteq $\exists \text{ goof2movie}$

GOOF \subseteq $\delta(\text{id})$

GOOF \subseteq $\delta(\text{goof})$

ALTVARIANT \subseteq $\exists \text{ altvariant2movie}$

ALTVARIANT \subseteq $\delta(\text{id})$

ALTVARIANT \subseteq $\delta(\text{version})$

TRIVIA \subseteq $\exists \text{ trivia2movies}$

TRIVIA \subseteq $\delta(\text{id})$

TRIVIA \subseteq $\delta(\text{trivia})$

TAG \subseteq $\exists \text{ tag2movie}$

TAG \subseteq $\delta(\text{id})$

TAG \subseteq $\delta(\text{tag})$

CRAZYCREDIT \subseteq $\exists \text{ crazycredit2movie}$

CRAZYCREDIT \subseteq $\delta(\text{id})$

CRAZYCREDIT \subseteq $\delta(\text{credit})$

LANGUAGE \subseteq \exists lang2movie

LANGUAGE \subseteq δ (name)

LINK \subseteq \exists movielinks⁻

LINK \subseteq δ (id)

LINK \subseteq δ (featured_in)

LINK \subseteq δ (referenced_in)

LINK \subseteq δ (spin)

LINK \subseteq δ (spoofed)

LINK \subseteq δ (version)

LINK \subseteq δ (followed)

LINK \subseteq δ (features)

LINK \subseteq δ (remake)

LINK \subseteq δ (ref)

COUNTRY \subseteq \exists in

COUNTRY \subseteq δ (name)

LOCATION \subseteq \exists in⁻

LOCATION \subseteq δ (city)

SFXCOMPANY \subseteq \exists country2sfx⁻

SFXCOMPANY \subseteq \exists sfxby⁻

SFXCOMPANY \subseteq δ (name)

COMPOSER \subseteq \exists musicby⁻

COMPOSER \subseteq δ (name)

COMPOSER \subseteq δ (surname)

EDITOR \subseteq \exists editby⁻

EDITOR \subseteq δ (name)

EDITOR \subseteq δ (surname)

WRITER $\subseteq \exists$ writerby⁻

WRITER $\subseteq \delta$ (name)

WRITER $\subseteq \delta$ (surname)

SOUNDTRACK $\subseteq \delta$ (name)

SOUNDTRACK $\subseteq \delta$ (writer)

SOUNDTRACK $\subseteq \delta$ (composer)

SOUNDTRACK $\subseteq \delta$ (musician)

PRODCOMPANY $\subseteq \exists$ prodcompany2movie

PRODCOMPANY $\subseteq \exists$ prodcompany2country

PRODCOMPANY $\subseteq \delta$ (name)

MOVIES $\subseteq \exists$ lang2movie⁻

MOVIES $\subseteq \exists$ designer2movie⁻

MOVIES $\subseteq \exists$ distributed

MOVIES $\subseteq \exists$ releasein

MOVIES $\subseteq \exists$ shotin

MOVIES $\subseteq \exists$ located

MOVIES $\subseteq \exists$ musicby

MOVIES $\subseteq \exists$ editby

MOVIES $\subseteq \exists$ writerby

MOVIES $\subseteq \exists$ prodcompany2movie⁻

MOVIES $\subseteq \exists$ actor2movie⁻

MOVIES $\subseteq \exists$ proddesignby

MOVIES $\subseteq \exists$ directedby

MOVIES $\subseteq \exists$ cinematographyby

MOVIES $\subseteq \delta$ (id)

MOVIES $\subseteq \delta$ (title)

MOVIES \subseteq $\delta(\text{year})$

MOVIES \subseteq $\delta(\text{runtimes})$

MOVIES \subseteq $\delta(\text{sound})$

MOVIES \subseteq $\delta(\text{genre})$

MOVIES \subseteq $\delta(\text{colortype})$

MOVIES \subseteq $\delta(\text{crewcoverage})$

MOVIES \subseteq $\delta(\text{castcoverage})$

MOVIES \subseteq $\delta(\text{votes})$

MOVIES \subseteq $\delta(\text{rank})$

MOVIES \subseteq $\delta(\text{mpaa})$

CERTIFICATE \subseteq $\exists \text{ released}$

CERTIFICATE \subseteq $\exists \text{ cert2movie}$

CERTIFICATE \subseteq $\delta(\text{type})$

ROLES

$\exists \text{ key2movie}^- \subseteq \text{MOVIES}$

$\exists \text{ key2movie} \subseteq \text{KEYWORD}$

$\exists \text{ plot2movie}^- \subseteq \text{MOVIES}$

$\exists \text{ plot2movie} \subseteq \text{PLOT}$

$\exists \text{ goof2movie}^- \subseteq \text{MOVIES}$

$\exists \text{ goof2movie} \subseteq \text{GOOF}$

$\exists \text{ altversion2movie}^- \subseteq \text{MOVIES}$

$\exists \text{ alversion2movie} \subseteq \text{ALTVERSION}$

$\exists \text{ trivia2movie}^- \subseteq \text{MOVIES}$

$\exists \text{ trivia2movie} \subseteq \text{TRIVIA}$

exists tag2movie⁻ ⊆ MOVIES

exists tag2movie ⊆ TAG

exists crazycredit2movie⁻ ⊆ MOVIES

exists crazycredit2movie ⊆ CRAZYCREDIT

exists lang2movie⁻ ⊆ MOVIES

exists lang2movie ⊆ LANGUAGE

exists movielinks⁻ ⊆ LINK

exists movielinks ⊆ MOVIES

exists moviesaka⁻ ⊆ AKATITLE

exists moviesaka ⊆ MOVIES

exists moviesitaka⁻ ⊆ ITAKATITLE

exists moviesitaka ⊆ MOVIES

exists cinematographyby⁻ ⊆ CINEMATOGRAPHER

exists cinematographyby ⊆ MOVIES

exists designer2movie⁻ ⊆ DESIGNER

exists designer2movie ⊆ MOVIES

exists distributed⁻ ⊆ DISTRIBUTOR

exists distributed ⊆ MOVIES

exists releasein⁻ ⊆ COUNTRY

exists releasein ⊆ MOVIES

exists located⁻ ⊆ COUNTRY

exists located ⊆ MOVIES

exists sfxby⁻ ⊆ SFXCOMPANY

exists sfxby ⊆ MOVIES

exists musicby⁻ ⊆ COMPOSER

Ǝ musicby \subseteq MOVIES

Ǝ editby $^{-}$ \subseteq EDITOR

Ǝ editby \subseteq MOVIES

Ǝ writerby $^{-}$ \subseteq WRITER

Ǝ writerby \subseteq MOVIES

Ǝ tracklist $^{-}$ \subseteq SOUNDTRACK

Ǝ tracklist \subseteq MOVIES

Ǝ prodcompany2movie $^{-}$ \subseteq PRODCOMPANY

Ǝ prodcompany2movie \subseteq MOVIES

Ǝ actor2movie $^{-}$ \subseteq MOVIES

Ǝ actor2movie \subseteq ACTOR

Ǝ actorsaka $^{-}$ \subseteq AKANAME

Ǝ actorsaka \subseteq ACTOR

Ǝ proddesignby $^{-}$ \subseteq PRODDESIGNER

Ǝ proddesignby \subseteq MOVIES

Ǝ directedby $^{-}$ \subseteq DIRECTOR

Ǝ directedby \subseteq MOVIES

Ǝ prodby $^{-}$ \subseteq PRODUCER

Ǝ prodby \subseteq MOVIES

Ǝ prodcompany2country $^{-}$ \subseteq COUNTRY

Ǝ prodcompany2country \subseteq PRODCOMPANY

Ǝ country2sfx $^{-}$ \subseteq SFXCOMPANY

Ǝ country2sfx \subseteq COUNTRY

Ǝ in $^{-}$ \subseteq LOCATION

Ǝ in \subseteq COUNTRY

⊤ distributor2country⁻ ⊑ COUNTRY

⊤ distributor2country ⊑ DISTRIBUTOR

⊤ released⁻ ⊑ COUNTRY

⊤ released ⊑ CERTIFICATE

⊤ cert2movie⁻ ⊑ MOVIE

⊤ cert2movie ⊑ CERTIFICATE

CONCEPTS ATTRIBUTES

$\rho(id) \subseteq \text{xsd:int}$

$\rho(name) \subseteq \text{xsd:string}$

$\rho(surname) \subseteq \text{xsd:string}$

$\rho(sex) \subseteq \text{xsd:string}$

$\rho(akaname) \subseteq \text{xsd:string}$

$\rho(akasurname) \subseteq \text{xsd:string}$

$\rho(title) \subseteq \text{xsd:string}$

$\rho(version) \subseteq \text{xsd:string}$

$\rho(type) \subseteq \text{xsd:string}$

$\rho(credit) \subseteq \text{xsd:string}$

$\rho(goof) \subseteq \text{xsd:string}$

$\rho(word) \subseteq \text{xsd:string}$

$\rho(Featured_in) \subseteq \text{xsd:string}$

$\rho(referenced_in) \subseteq \text{xsd:string}$

$\rho(spin) \subseteq \text{xsd:string}$

$\rho(spoofed) \subseteq \text{xsd:string}$

$\rho(followed) \subseteq \text{xsd:string}$

$\rho(features) \subseteq \text{xsd:string}$

$\rho(\text{remake}) \subseteq \text{xsd:string}$

$\rho(\text{follows}) \subseteq \text{xsd:string}$

$\rho(\text{ref}) \subseteq \text{xsd:string}$

$\rho(\text{city}) \subseteq \text{xsd:string}$

$\rho(\text{year}) \subseteq \text{xsd:string}$

$\rho(\text{runtimes}) \subseteq \text{xsd:string}$

$\rho(\text{sound}) \subseteq \text{xsd:string}$

$\rho(\text{genre}) \subseteq \text{xsd:string}$

$\rho(\text{crewcoverage}) \subseteq \text{xsd:string}$

$\rho(\text{castcoverage}) \subseteq \text{xsd:string}$

$\rho(\text{colortype}) \subseteq \text{xsd:string}$

$\rho(\text{votes}) \subseteq \text{xsd:int}$

$\rho(\text{rank}) \subseteq \text{xsd:float}$

$\rho(\text{mpaa}) \subseteq \text{xsd:string}$

$\rho(\text{akatitle}) \subseteq \text{xsd:string}$

$\rho(\text{plot}) \subseteq \text{xsd:string}$

$\rho(\text{author}) \subseteq \text{xsd:string}$

$\rho(\text{writer}) \subseteq \text{xsd:string}$

$\rho(\text{composer}) \subseteq \text{xsd:string}$

$\rho(\text{musician}) \subseteq \text{xsd:string}$

$\rho(\text{tag}) \subseteq \text{xsd:string}$

$\rho(\text{trivia}) \subseteq \text{xsd:string}$

$\rho(\text{type}) \subseteq \text{xsd:string}$

ROLES ATTRIBUTES

$\rho(\text{year}) \subseteq \text{xsd:string}$

$\rho(\text{date}) \subseteq \text{xsd:string}$

$\rho(\text{role}) \subseteq \text{xsd:string}$

VALUES DOMAIN

ACTOR $\subseteq \delta(id)$

ACTOR $\subseteq \delta(name)$

ACTOR $\subseteq \delta(surname)$

ACTOR $\subseteq \delta(sex)$

AKANAME $\subseteq \delta(akaname)$

AKANAME $\subseteq \delta(akasurname)$

AKATITLE $\subseteq \delta(title)$

ALTVERSION $\subseteq \delta(id)$

ALTVERSION $\subseteq \delta(version)$

CERTIFICATE $\subseteq \delta(type)$

CINEMATOGRAPHER $\subseteq \delta(name)$

CINEMATOGRAPHER $\subseteq \delta(surname)$

COMPOSER $\subseteq \delta(name)$

COMPOSER $\subseteq \delta(surname)$

COUNTRY $\subseteq \delta(name)$

CRAZYCREDIT $\subseteq \delta(id)$

CRAZYCREDIT $\subseteq \delta(credit)$

DESIGNER $\subseteq \delta(name)$

DESIGNER $\subseteq \delta(surname)$

DIRECTOR $\subseteq \delta(name)$

DIRECTOR $\subseteq \delta(surname)$

DISTRIBUTOR $\subseteq \delta(name)$

EDITOR $\subseteq \delta(name)$

EDITOR $\subseteq \delta(surname)$

GOOF $\subseteq \delta(id)$

GOOF \subseteq $\delta(\text{goof})$

ITAKATITLE \subseteq $\delta(\text{title})$

CINEMATOGRAPHER \subseteq $\delta(\text{name})$

CINEMATOGRAPHER \subseteq $\delta(\text{surname})$

KEYWORD \subseteq $\delta(\text{word})$

LANGUAGE \subseteq $\delta(\text{name})$

LINK \subseteq $\delta(\text{id})$

LINK \subseteq $\delta(\text{featured_in})$

LINK \subseteq $\delta(\text{referenced_in})$

LINK \subseteq $\delta(\text{spin})$

LINK \subseteq $\delta(\text{spoofed})$

LINK \subseteq $\delta(\text{version})$

LINK \subseteq $\delta(\text{followed})$

LINK \subseteq $\delta(\text{features})$

LINK \subseteq $\delta(\text{remake})$

LINK \subseteq $\delta(\text{follows})$

LINK \subseteq $\delta(\text{ref})$

LOCATION \subseteq $\delta(\text{city})$

MOVIES \subseteq $\delta(\text{id})$

MOVIES \subseteq $\delta(\text{title})$

MOVIES \subseteq $\delta(\text{year})$

MOVIES \subseteq $\delta(\text{runtimes})$

MOVIES \subseteq $\delta(\text{sound})$

MOVIES \subseteq $\delta(\text{genre})$

MOVIES \subseteq $\delta(\text{colortype})$

MOVIES \subseteq $\delta(\text{castcoverage})$

MOVIES \subseteq $\delta(\text{crewcoverage})$

MOVIES \subseteq $\delta(\text{votes})$

MOVIES \subseteq $\delta(\text{rank})$

MOVIES \subseteq $\delta(\text{mpaa})$

PLOT \subseteq $\delta(\text{id})$

PLOT \subseteq $\delta(\text{plot})$

PLOT \subseteq $\delta(\text{author})$

PRODCOMPANY \subseteq $\delta(\text{name})$

PRODDESIGNER \subseteq $\delta(\text{name})$

PRODDESIGNER \subseteq $\delta(\text{surname})$

PRODUCER \subseteq $\delta(\text{name})$

PRODUCER \subseteq $\delta(\text{surname})$

SFXCOMPANY \subseteq $\delta(\text{name})$

SOUNDTRACK \subseteq $\delta(\text{name})$

SOUNDTRACK \subseteq $\delta(\text{writer})$

SOUNDTRACK \subseteq $\delta(\text{composer})$

SOUNDTRACK \subseteq $\delta(\text{musician})$

TAG \subseteq $\delta(\text{id})$

TAG \subseteq $\delta(\text{tag})$

TRIVIA \subseteq $\delta(\text{id})$

TRIVIA \subseteq $\delta(\text{trivia})$

WRITER \subseteq $\delta(\text{name})$

WRITER \subseteq $\delta(\text{surname})$

shotin \subseteq $\delta(\text{year})$

releasein \subseteq $\delta(\text{date})$

actor2movie \subseteq $\delta(\text{role})$

ATTRIBUTE FUNCTIONALITY

(funct id)
(funct name)
(funct surname)
(funct sex)
(funct akaname)
(funct akasurname)
(funct title)
(funct version)
(funct type)
(funct credit)
(funct goof)
(funct word)
(funct featured_in)
(funct referenced_in)
(funct spin)
(funct spoofed)
(funct followed)
(funct features)
(funct remake)
(funct follows)
(funct ref)
(funct city)
(funct year)
(funct runtimes)
(funct sound)
(funct genre)
(funct crewcoverage)

(funct castcoverage)

(funct colortype)

(funct votes)

(funct rank)

(funct mpaa)

(funct akatitle)

(funct plot)

(funct author)

(funct writer)

(funct composer)

(funct musician)

(funct tag)

(funct trivia)

(funct year)

(funct date)

(funct role)

ROLE FUNCTIONALITY

(funct altversion2movie)

(funct cinematographyby)

(funct crazycredit2movie)

(funct directedby)

(funct distributor2country)

(funct editby)

(funct goof2movie)

(funct plot2movie)

(funct prodcompany2country)

(funct proddesignby)

(funct tag2movie)

(funct trivia2movie)

(funct actorsaka⁻)

(funct moviesaka⁻)

(funct moviesitaka⁻)

(funct movielinks⁻)

(funct in⁻)

(funct released)

(funct cert2movie)