Progetto "Modellazione Concettuale per il Web Semantico" 2018/1

IRI:
    http://www.semanticweb.org/friday/ontologies/2019/11/cinema_inf

Date:
    15T00:00:00/12/2019

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Other visualisation:
    Ontology source

Abstract

Progetto d'esame per il corso di Modellazione Concettuale per il Web Semantico, Laurea Magistrale in Informatica, a.a. 2018/19, Dipartimento di Informati dell'Università degli Studi di Torino.

L'ontologia si propone di modellare il dominio relativo all'ambito cinematografico, permettendo un'analisi delle relazioni tra prodotti cinematografici e persone che vi hanno lavorato, quali attori, registri e sceneggiatori.

Table of Content

Classes

Attore   Autore   Cast   Collection   Film   FilmItaliano   movie   person   Regista   Sceneggiatore   set   work

Attore[C]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#Attore

Persona che ha recitato in un film

has super-classes

person[c]

is in domain of

attore_in[op], membro_di_cast[op]

is in range of

cast_ha_membro[op], ha_attore[op]

has members

LeonardoDiCaprio[ni], MarkRuffalo[ni], MattDamon[ni], RobertoBenigni[ni], TomHanks[ni]

Autore[c]

IRI: http://www.semanticweb.org/friday/ontologies/cinema#Autore

Autore di un film

has super-classes

person[c]

has sub-classes

Regista[c], Sceneggiatore[c]

has members

JeffNathanson[ni], LaetaKalogridis[ni], MartinScorsese[ni], RobertoBenigni[ni], StevenSpielberg[ni], VincenzoCerami[ni], WilliamMonahan[ni]

Cast[c]

IRI: http://www.semanticweb.org/friday/ontologies/cinema#Cast

Definisce un insieme di attori

is equivalent to

set[c] **and** (cast_ha_membro[op] **min** 1)

has super-classes

Collection[c]

set[c]

set[c] **and** (cast_ha_membro[op] **min** 1)

cast_ha_membro[op] **min** 1

is in domain of

cast_di[op], cast_ha_membro[op]

is in range of

ha_cast[op], membro_di_cast[op]

has members

CastLaVitaÈBella[ni], CastProvaAPrendermi[ni], CastShutterIsland[ni], CastTheDeparted[ni]

Collection[c]

IRI: http://www.ontologydesignpatterns.org/cp/owl/collectionentity.owl#Collection

is defined by

http://www.ontologydesignpatterns.org/cp/owl/collectionentity.owl

Any container for entities that share one or more common properties. E.g. "stone objects", "the nurses", "the Louvre Aegyptian collection". A collection is not a logical class: a collection is a first-order entity, while a class is a second-order one.

----

has sub-classes

Cast^c, set^c

is in domain of

has member^{op}

is in range of

is member of^{op}

has members

CastLaVitaÈBella^{ni}, CastProvaAPrendermi^{ni}, CastShutterIsland^{ni}, CastTheDeparted^{ni}

Film^c back to ToC or Class ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#Film

Classe che definisce il film come opera cinematografica alla quale creazione partecipano attori, registri e sceneggiatori

----

has super-classes

work^c

has sub-classes

FilmItaliano^c

is in domain of

anno_di_uscita^{dp}, ha_attore^{op}, ha_cast^{op}, ha_durata^{dp}, ha_regista^{op}, ha_sceneggiatore^{op}, titolo^{dp}

is in range of

attore_in^{op}, cast_di^{op}, ha_lavorato_in^{op}, regista_di^{op}, sceneggiatore di^{op}

has members

LaVitaÈBella^{ni}, ProvaAPrendermi^{ni}, ShutterIsland^{ni}, TheDeparted^{ni}

FilmItaliano^c back to ToC or Class ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#FilmItaliano

Film prodotti in Italia

----

is equivalent to

{ LaVitaÈBella }

has super-classes

movie^c

Film^c

has members

LaVitaÈBella^{ni}

----

movie[C]

IRI: http://dbpedia.org/ontology/Film

is defined by
http://dbpedia.org/ontology/

is equivalent to
Film[C]

has super-classes
work[C]

has sub-classes
FilmItaliano[C]

is in domain of
anno_di_uscita[dp], ha_durata[dp]

has members
LaVitaÈBella[ni], ProvaAPrendermi[ni], ShutterIsland[ni], TheDeparted[ni]

person[C]

IRI: http://xmlns.com/foaf/0.1/Person

Equivalent to an uman being

has sub-classes
Attore[C], Autore[C], Regista[C]

is in domain of
ha_lavorato_con[op], ha_lavorato_in[op], nome[dp]

is in range of
ha_lavorato_con[op]

has members
JeffNathanson[ni], LaetaKalogridis[ni], LeonardoDiCaprio[ni], MarkRuffalo[ni], MartinScorsese[ni], MattDamon[ni], RobertoBenigni[ni], StevenSpielberg[ni], TomHanks[ni], VincenzoCerami[ni], WilliamMonahan[ni]

Regista[C]

IRI: http://www.semanticweb.org/friday/ontologies/cinema#Regista

Regista di un film

has super-classes
Autore[C]
person[C]

is in domain of
regista_di[op]

is in range of
ha_regista[op]

has members

MartinScorsese[ni], RobertoBenigni[ni], StevenSpielberg[ni]

Sceneggiatore[C]

IRI: http://www.semanticweb.org/friday/ontologies/cinema#Sceneggiatore

Sceneggiatore di un film

---

has super-classes

Autore[C]

is in domain of

sceneggiatore di[op]

is in range of

ha_sceneggiatore[op]

has members

JeffNathanson[ni], LaetaKalogridis[ni], RobertoBenigni[ni], VincenzoCerami[ni], WilliamMonahan[ni]

---

set[C]

IRI: http://www.ontologydesignpatterns.org/cp/owl/set.owl#Set

Set - A collection that cannot contain duplicate elements.

---

has super-classes

Collection[C]

has sub-classes

Cast[C]

is in domain of

ha_sottoinsieme[op], sottoinsieme_di[op]

is in range of

ha_sottoinsieme[op], sottoinsieme_di[op]

has members

CastLaVitaÈBella[ni], CastProvaAPrendermi[ni], CastShutterIsland[ni], CastTheDeparted[ni]

---

work[C]

IRI: http://dbpedia.org/ontology/Work

Class that defines a artificial creation

---

has sub-classes

Film[C], movie[C]

is in domain of

anno_di_uscita[dp], ha_durata[dp]

has members

LaVitaÈBella[ni], ProvaAPrendermi[ni], ShutterIsland[ni], TheDeparted[ni]

Object Properties

attore_in   cast_di   cast_ha_membro   ha_attore   ha_cast   ha_lavorato_con
ha_lavorato_in   ha_regista   ha_sceneggiatore   ha_sottoinsieme   has member
is member of   membro_di_cast   regista_di   sceneggiatore di   sottoinsieme_di
top object property

attore_in[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#attore_in

Relazione che indica in quale film ha recitato un certo attore

has super-properties
> top object property[op]

has domain
> Attore[c]

has range
> Film[c]

is inverse of
> ha_attore[op]

has sub-property chains
> membro_di_cast[op] **o** cast_di[op]

cast_di[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#cast_di

Relazione che indica in quale film ha recitato un certo cast

has characteristics: functional, inverse functional

has domain
> Cast[c]

has range
> Film[c]

is inverse of
> ha_cast[op]

cast_ha_membro[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#cast_ha_membro

Relazione che indica l'appartenenza di un attore a un cast

has super-properties
 has member^{op}
has domain
 Cast^c
has range
 Attore^c
is inverse of
 membro_di_cast^{op}

---

ha_attore^{op}

IRI: http://www.semanticweb.org/friday/ontologies/cinema#ha_attore

Relazione che indica un certo film ha un certo attore

---

has domain
 Film^c
has range
 Attore^c
is inverse of
 attore_in^{op}

---

ha_cast^{op}

IRI: http://www.semanticweb.org/friday/ontologies/cinema#ha_cast

Relazione che un certo film ha un certo cast

---

has characteristics: functional, inverse functional

has domain
 Film^c
has range
 Cast^c
is inverse of
 cast_di^{op}

---

ha_lavorato_con^{op}

IRI: http://www.semanticweb.org/friday/ontologies/cinema#ha_lavorato_con

Relazione che indica con quale persona ha lavorato una certa persona

---

has characteristics: symmetric

has super-properties
 top object property^{op}
has domain

person^C

has range

person^C

is inverse of

ha_lavorato_con^{op}, ha_lavorato_con^{op}

---

ha_lavorato_in^{op}   back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#ha_lavorato_in

Relazione che indica in quale opera cinematografica ha lavorato una certa persona

has domain

person^C

has range

Film^C

---

ha_regista^{op}   back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#ha_regista

Relazione che indica quale regista abbia diretto un certo film

has domain

Film^C

has range

Regista^C

is inverse of

regista_di^{op}

---

ha_sceneggiatore^{op}   back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#ha_sceneggiatore

Relazione che indica quale sceneggiatore abbia scritto un certo film

has domain

Film^C

has range

Sceneggiatore^C

is inverse of

sceneggiatore di^{op}

---

ha_sottoinsieme^{op}   back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#ha_sottoinsieme

Relazione che indica che un set ha un certo sottoinsieme

has characteristics: transitive

has domain
> set^c

has range
> set^c

is inverse of
> sottoinsieme_di^{op}

---

has member^{op}   back to ToC or Object Property ToC

IRI: http://www.ontologydesignpatterns.org/cp/owl/collectionentity.owl#hasMember

is defined by
> http://www.ontologydesignpatterns.org/cp/owl/collectionentity.owl

A relation between collections and entities, e.g. 'my collection of saxophones includes an old Adolphe Sax original alto' (i.e. my collection has member an Adolphe Sax alto).

---

has sub-properties
> cast_ha_membro^{op}

has domain
> Collection^c

has range
> thing^c

is inverse of
> is member of^{op}

---

is member of^{op}   back to ToC or Object Property ToC

IRI: http://www.ontologydesignpatterns.org/cp/owl/collectionentity.owl#isMemberOf

is defined by
> http://www.ontologydesignpatterns.org/cp/owl/collectionentity.owl

has sub-properties
> membro_di_cast^{op}

has domain
> thing^c

has range
> Collection^c

is inverse of
> has member^{op}

---

membro_di_cast^{op}   back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#membro_di_cast

Relazione che indica a quale cast appartiene un certo attore

has super-properties
> is member of^{op}

has domain
> Attore^c

has range
> Cast^c

is inverse of
> cast_ha_membro^{op}

---

regista_di^{op}

IRI: http://www.semanticweb.org/friday/ontologies/cinema#regista_di

Relazione che indica in quale film sia stato diretto da un certo regista

---

has super-properties
> top object property^{op}

has domain
> Regista^c

has range
> Film^c

is inverse of
> ha_regista^{op}

---

sceneggiatore di^{op}

IRI: http://www.semanticweb.org/friday/ontologies/cinema#sceneggiatore_di

Relazione che indica quale film sia stato scritto da un certo sceneggiatore

---

has super-properties
> top object property^{op}

has domain
> Sceneggiatore^c

has range
> Film^c

is inverse of
> ha_sceneggiatore^{op}

---

sottoinsieme_di^{op}

IRI: http://www.semanticweb.org/friday/ontologies/cinema#sottoinsieme_di

Relazione che indica a quale insieme appartiene un certo set

---

has characteristics: transitive

has domain
> set^c

has range
> set^c

is inverse of
> ha_sottoinsieme^{op}

---

top object property^{op}

IRI: http://www.w3.org/2002/07/owl#topObjectProperty

---

has characteristics: symmetric, transitive, reflexive

has sub-properties
> attore_in^{op}, ha_lavorato_con^{op}, regista_di^{op}, sceneggiatore di^{op}

is inverse of
> top object property^{op}, top object property^{op}

Data Properties

alternative   anno_di_uscita   available   created   date accepted date copyrighted   date submitted   ha_durata   issued   modified   nome titolo   valid

---

alternative^{dp}

IRI: http://purl.org/dc/terms/alternative

---

has super-properties
> title^{dp}

---

anno_di_uscita^{dp}

IRI: http://www.semanticweb.org/friday/ontologies/cinema#anno_di_uscita

Anno di uscita di un film

---

has domain
> movie^c
> work^c
> Film^c

has range
> non negative integer

---

available^{dp}

IRI: http://purl.org/dc/terms/available

has super-properties
> date^{dp}

created^{dp}

IRI: http://purl.org/dc/terms/created

has super-properties
> date^{dp}

date accepted^{dp}

IRI: http://purl.org/dc/terms/dateAccepted

has super-properties
> date^{dp}

date copyrighted^{dp}

IRI: http://purl.org/dc/terms/dateCopyrighted

has super-properties
> date^{dp}

date submitted^{dp}

IRI: http://purl.org/dc/terms/dateSubmitted

has super-properties
> date^{dp}

ha_durata^{dp}

IRI: http://www.semanticweb.org/friday/ontologies/cinema#ha_durata

Durata di un film

has domain
> movie^c
> work^c
> Film^c

has range
> non negative integer

issued^{dp}

IRI: http://purl.org/dc/terms/issued

----

has super-properties
    date^{dp}

---

modified^{dp}

IRI: http://purl.org/dc/terms/modified

----

has super-properties
    date^{dp}

---

nome^{dp}

IRI: http://www.semanticweb.org/friday/ontologies/cinema#nome

Nome di una persona

----

has domain
    person^c
has range
    string

---

titolo^{dp}

IRI: http://www.semanticweb.org/friday/ontologies/cinema#titolo

Titolo di un film

----

has domain
    Film^c
has range
    string

---

valid^{dp}

IRI: http://purl.org/dc/terms/valid

----

has super-properties
    date^{dp}

Named Individuals

CastLaVitaÈBella   CastProvaAPrendermi   CastShutterIsland
CastTheDeparted   JeffNathanson   LaetaKalogridis   LaVitaÈBella
LeonardoDiCaprio   MarkRuffalo   MartinScorsese   MattDamon

CastLaVitaÈBella[ni]

IRI: http://www.semanticweb.org/friday/ontologies/cinema#CastLaVitaÈBella

Cast del film "La vita è bella"

- -

belongs to

Collection[c]

set[c]

Cast[c]

has facts

has member[op] RobertoBenigni

cast_di[op] LaVitaÈBella

cast_ha_membro[op] RobertoBenigni

- -

CastProvaAPrendermi[ni]

IRI: http://www.semanticweb.org/friday/ontologies/cinema#CastProvaAPrendermi

Cast del film "Prova a prendermi"

- -

belongs to

Collection[c]

set[c]

Cast[c]

has facts

has member[op] LeonardoDiCaprio

has member[op] TomHanks

cast_di[op] ProvaAPrendermi

cast_ha_membro[op] LeonardoDiCaprio

cast_ha_membro[op] TomHanks

- -

CastShutterIsland[ni]

IRI: http://www.semanticweb.org/friday/ontologies/cinema#CastShutterIsland

Cast del film "Shutter Island"

- -

belongs to

Collection[c]

set[c]

Cast[c]

has facts

has member[op] LeonardoDiCaprio

has member[op] MarkRuffalo

cast_di^{op} ShutterIsland
cast_ha_membro^{op} LeonardoDiCaprio
cast_ha_membro^{op} MarkRuffalo

CastTheDepartedⁿⁱ

IRI: http://www.semanticweb.org/friday/ontologies/cinema#Cast_TheDeparted

Cast del film "The Departed"

belongs to
    Collection^c
    set^c
    Cast^c

has facts
    has member^{op} LeonardoDiCaprio
    has member^{op} MattDamon
    cast_di^{op} TheDeparted
    cast_ha_membro^{op} LeonardoDiCaprio
    cast_ha_membro^{op} MattDamon

JeffNathansonⁿⁱ

IRI: http://www.semanticweb.org/friday/ontologies/cinema#JeffNathanson

Sceneggiatore, regista e produttore cinematografico statunitense.

belongs to
    Autore^c
    Sceneggiatore^c
    person^c

has facts
    ha_lavorato_con^{op} LeonardoDiCaprio
    ha_lavorato_con^{op} StevenSpielberg
    ha_lavorato_con^{op} TomHanks
    ha_lavorato_in^{op} ProvaAPrendermi
    sceneggiatore di^{op} ProvaAPrendermi
    nome^{dp} *"Jeff Nathanson"^^string*

LaetaKalogridisⁿⁱ

IRI: http://www.semanticweb.org/friday/ontologies/cinema#LaetaKalogridis

Sceneggiatrice e produttrice cinematografica statunitense di origini greche.

belongs to
    Autore^c
    Sceneggiatore^c

person^c

has facts

ha_lavorato_con^{op} LeonardoDiCaprio
ha_lavorato_con^{op} MarkRuffalo
ha_lavorato_con^{op} MartinScorsese
ha_lavorato_in^{op} ShutterIsland
sceneggiatore di^{op} ShutterIsland
nome^{dp} *"Laeta Kalogridis"^^string*

LaVitaÈBellaⁿⁱ

IRI: http://www.semanticweb.org/friday/ontologies/cinema#LaVitaÈBella

Film del 1997 diretto e interpretato da Roberto Benigni

belongs to

movie^c
work^c
Film^c
FilmItaliano^c

has facts

ha_attore^{op} RobertoBenigni
ha_cast^{op} CastLaVitaÈBella
ha_regista^{op} RobertoBenigni
ha_sceneggiatore^{op} RobertoBenigni
ha_sceneggiatore^{op} VincenzoCerami
anno_di_uscita^{dp} *"1997"^^non negative integer*
ha_durata^{dp} *"124"^^non negative integer*
titolo^{dp} *"La vita è bella"^^string*

LeonardoDiCaprioⁿⁱ

IRI: http://www.semanticweb.org/friday/ontologies/cinema#LeonardoDiCaprio

Attore, produttore cinematografico e attivista statunitense di origini italiane.

belongs to

Attore^c
person^c

has facts

is member of^{op} CastProvaAPrendermi
is member of^{op} CastShutterIsland
is member of^{op} CastTheDeparted
attore_in^{op} ProvaAPrendermi
attore_in^{op} ShutterIsland
attore_in^{op} TheDeparted
ha_lavorato_con^{op} JeffNathanson
ha_lavorato_con^{op} LaetaKalogridis

ha_lavorato_con^{op} MarkRuffalo
ha_lavorato_con^{op} MartinScorsese
ha_lavorato_con^{op} MattDamon
ha_lavorato_con^{op} StevenSpielberg
ha_lavorato_con^{op} TomHanks
ha_lavorato_con^{op} WilliamMonahan
ha_lavorato_in^{op} ProvaAPrendermi
ha_lavorato_in^{op} ShutterIsland
ha_lavorato_in^{op} TheDeparted
membro_di_cast^{op} CastProvaAPrendermi
membro_di_cast^{op} CastShutterIsland
membro_di_cast^{op} CastTheDeparted
nome^{dp} *"Leonardo Di Caprio"^^string*

MarkRuffaloⁿⁱ

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#MarkRuffalo

Attore, regista, produttore cinematografico e sceneggiatore statunitense.

belongs to
    Attore^c
    person^c

has facts
    is member of^{op} CastShutterIsland
    attore_in^{op} ShutterIsland
    ha_lavorato_con^{op} LaetaKalogridis
    ha_lavorato_con^{op} LeonardoDiCaprio
    ha_lavorato_con^{op} MartinScorsese
    ha_lavorato_in^{op} ShutterIsland
    membro_di_cast^{op} CastShutterIsland
    nome^{dp} *"Mark Ruffalo"^^string*

MartinScorseseⁿⁱ

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#MartinScorsese

Regista, sceneggiatore e produttore cinematografico statunitense con cittadinanza italiana.

belongs to
    Autore^c
    Regista^c
    person^c

has facts
    ha_lavorato_con^{op} LaetaKalogridis
    ha_lavorato_con^{op} LeonardoDiCaprio
    ha_lavorato_con^{op} MarkRuffalo

ha_lavorato_con^{op} MattDamon
ha_lavorato_con^{op} WilliamMonahan
ha_lavorato_in^{op} ShutterIsland
ha_lavorato_in^{op} TheDeparted
regista_di^{op} ShutterIsland
regista_di^{op} TheDeparted
nome^{dp} *"Martin Scorsese"^^string*

MattDamonⁿⁱ

IRI: http://www.semanticweb.org/friday/ontologies/cinema#MattDamon

Attore, sceneggiatore, doppiatore e produttore cinematografico statunitense.

belongs to
Attore^c
person^c

has facts
is member of^{op} CastTheDeparted
attore_in^{op} TheDeparted
ha_lavorato_con^{op} LeonardoDiCaprio
ha_lavorato_con^{op} MartinScorsese
ha_lavorato_con^{op} WilliamMonahan
ha_lavorato_in^{op} TheDeparted
membro_di_cast^{op} CastTheDeparted
nome^{dp} *"Matt Damon"^^string*

ProvaAPrendermiⁿⁱ

IRI: http://www.semanticweb.org/friday/ontologies/cinema#ProvaAPrendermi

Film del 2002 diretto da Steven Spielberg, adattamento del romanzo autobiografico Catch Me if You Can di Frank Abagnale Jr.

belongs to
movie^c
work^c
Film^c

has facts
ha_attore^{op} LeonardoDiCaprio
ha_attore^{op} TomHanks
ha_cast^{op} CastProvaAPrendermi
ha_regista^{op} StevenSpielberg
ha_sceneggiatore^{op} JeffNathanson
anno_di_uscita^{dp} *"2002"^^non negative integer*
ha_durata^{dp} *"141"^^non negative integer*
titolo^{dp} *"Prova a prendermi"^^string*

RobertoBenigniⁿⁱ

IRI: http://www.semanticweb.org/friday/ontologies/cinema#RobertoBenigni

Attore, comico, regista e sceneggiatore italiano.

----

belongs to

      Attore^C

      Autore^C

      Regista^C

      Sceneggiatore^C

      person^C

has facts

      is member of^{op} CastLaVitaÈBella

      attore_in^{op} LaVitaÈBella

      ha_lavorato_con^{op} VincenzoCerami

      ha_lavorato_in^{op} LaVitaÈBella

      membro_di_cast^{op} CastLaVitaÈBella

      regista_di^{op} LaVitaÈBella

      sceneggiatore di^{op} LaVitaÈBella

      nome^{dp} *"Roberto Benigni"*

ShutterIslandⁿⁱ

IRI: http://www.semanticweb.org/friday/ontologies/cinema#ShutterIsland

Film del 2010 diretto da Martin Scorsese.

----

belongs to

      movie^C

      work^C

      Film^C

has facts

      ha_attore^{op} LeonardoDiCaprio

      ha_attore^{op} MarkRuffalo

      ha_cast^{op} CastShutterIsland

      ha_regista^{op} MartinScorsese

      ha_sceneggiatore^{op} LaetaKalogridis

      anno_di_uscita^{dp} *"2010"^^non negative integer*

      ha_durata^{dp} *"138"^^non negative integer*

      titolo^{dp} *"Shutter Island"^^string*

StevenSpielbergⁿⁱ

IRI: http://www.semanticweb.org/friday/ontologies/cinema#StevenSpielberg

Regista, sceneggiatore, produttore cinematografico e produttore televisivo statunitense.

belongs to

   Autore^c

   Regista^c

   person^c

has facts

   ha_lavorato_con^{op} JeffNathanson

   ha_lavorato_con^{op} LeonardoDiCaprio

   ha_lavorato_con^{op} TomHanks

   ha_lavorato_in^{op} ProvaAPrendermi

   regista_di^{op} ProvaAPrendermi

   nome^{dp} *"Steven Spielberg"^^string*

TheDeparted^{ni}

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#TheDeparted

Film del 2006 diretto da Martin Scorsese.

---

belongs to

   movie^c

   work^c

   Film^c

has facts

   ha_attore^{op} LeonardoDiCaprio

   ha_attore^{op} MattDamon

   ha_cast^{op} CastTheDeparted

   ha_regista^{op} MartinScorsese

   ha_sceneggiatore^{op} WilliamMonahan

   anno_di_uscita^{dp} *"2006"^^non negative integer*

   ha_durata^{dp} *"151"^^non negative integer*

   titolo^{dp} *"The Departed"^^string*

TomHanks^{ni}

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/friday/ontologies/cinema#TomHanks

Attore, regista, sceneggiatore, doppiatore, produttore cinematografico e televisivo statunitense.

---

belongs to

   Attore^c

   person^c

has facts

   is member of^{op} CastProvaAPrendermi

   attore_in^{op} ProvaAPrendermi

   ha_lavorato_con^{op} JeffNathanson

   ha_lavorato_con^{op} LeonardoDiCaprio

   ha_lavorato_con^{op} StevenSpielberg

ha_lavorato_in^{op} ProvaAPrendermi

membro_di_cast^{op} CastProvaAPrendermi

nome^{dp} *"Tom Hanks"^^string*

VincenzoCeramiⁿⁱ

IRI: http://www.semanticweb.org/friday/ontologies/cinema#VincenzoCerami

Scrittore, giornalista, sceneggiatore, saggista, drammaturgo e poeta italiano.

belongs to

Autore^c

Sceneggiatore^c

person^c

has facts

ha_lavorato_con^{op} RobertoBenigni

ha_lavorato_in^{op} LaVitaÈBella

sceneggiatore di^{op} LaVitaÈBella

nome^{dp} *"Vincenzo Cerami"^^string*

WilliamMonahanⁿⁱ

IRI: http://www.semanticweb.org/friday/ontologies/cinema#WilliamMonahan

Sceneggiatore, regista e romanziere statunitense.

belongs to

Autore^c

Sceneggiatore^c

person^c

has facts

ha_lavorato_con^{op} LeonardoDiCaprio

ha_lavorato_con^{op} MartinScorsese

ha_lavorato_con^{op} MattDamon

ha_lavorato_in^{op} TheDeparted

sceneggiatore di^{op} TheDeparted

nome^{dp} *"William Monahan"^^string*

Annotation Properties

creator   date   defines   describedby   describes   extracted from
is rule enabled   preferred namespace prefix   preferred namespace uri
was derived from

---

creator^{ap}

IRI: http://purl.org/dc/elements/1.1/creator

date^{ap}

IRI: http://purl.org/dc/elements/1.1/date

defines^{ap}

IRI: http://open.vocab.org/terms/defines

describedby^{ap}

IRI: http://www.w3.org/2007/05/powder-s#describedby

describes^{ap}

IRI: http://open.vocab.org/terms/describes

extracted from^{ap}

IRI:
http://www.ontologydesignpatterns.org/schemas/cpannotationschema.owl#extractedFrom

This annotation property should be assigned with a URI, which points to the possible reference ontology which the annotated pattern was extracted from (i.e. the reference ontology that the ontology elements have been deeply or partially cloned by). The range is not explicit in the definition of the annotation property because it would turn the ontology to OWL Full. E.g. The participation pattern is extracted from the Dolce Ultra Lite ontology, hence the value for this annotation property is http://www.ontologydesignpatterns.org/ont/dul/DUL.owl

is rule enabled^{ap}

IRI: http://swrl.stanford.edu/ontologies/3.3/swrla.owl#isRuleEnabled

preferred namespace prefix^{ap}

IRI: http://purl.org/vocab/vann/preferredNamespacePrefix

preferred namespace uri^{ap}

IRI: http://purl.org/vocab/vann/preferredNamespaceUri

was derived from^{ap}

IRI: http://www.w3.org/ns/prov#wasDerivedFrom

General Axioms

General Subclass Definition

set^c **and** (cast_ha_membro^{op} **min** 1) **is subclass of**

Collection^c

General Subclass Definition

set^c **and** (cast_ha_membro^{op} **min** 1) **is subclass of**

set^c

General Subclass Definition

set^c **and** (cast_ha_membro^{op} **min** 1) **is subclass of**

Cast^c

General Subclass Definition

set^c **and** (cast_ha_membro^{op} **min** 1) **is subclass of**

cast_ha_membro^{op} **min** 1

SWRL rules

Rule #1

attore_in^{op}(?person,?film) -> ha_lavorato_in^{op}(?person,?film)

Rule #2

membro_di_cast^{op}(?actor,?cast) , cast_di^{op}(?cast,?film) -> ha_lavorato_in^{op}(?actor,?film)

Rule #3   back to [ToC](#)

DifferentFrom(?person1,?person2)   ,   ha_lavorato_in^{op}(?person1,?film)   ,
ha_lavorato_in^{op}(?person2,?film) -> ha_lavorato_con^{op}(?person1,?person2)

Rule #4   back to [ToC](#)

regista_di^{op}(?person,?film) -> ha_lavorato_in^{op}(?person,?film)

Rule #5   back to [ToC](#)

sceneggiatore di^{op}(?person,?film) -> ha_lavorato_in^{op}(?person,?film)

Namespace Declarations   back to [ToC](#)

default namespace
> http://www.semanticweb.org/friday/ontologies/2019/11/cinema_inf#

0-1
> http://xmlns.com/foaf/0.1/

11
> http://www.semanticweb.org/friday/ontologies/2019/11/

cinema
> http://www.semanticweb.org/friday/ontologies/cinema#

collectionentity
> http://www.ontologydesignpatterns.org/cp/owl/collectionentity.owl#

cpannotationschema
> http://www.ontologydesignpatterns.org/schemas/cpannotationschema.owl#

data
> http://dbpedia.org/ontology/data/

dc
> http://purl.org/dc/elements/1.1/

index-php
> http://mappings.dbpedia.org/index.php/

ontology
> http://dbpedia.org/ontology/

owl
> http://www.w3.org/2002/07/owl#

powder-s
> http://www.w3.org/2007/05/powder-s#

prov
> http://www.w3.org/ns/prov#

rdf
> http://www.w3.org/1999/02/22-rdf-syntax-ns#

rdfs

http://www.w3.org/2000/01/rdf-schema#

set-owl

http://www.ontologydesignpatterns.org/cp/owl/set.owl#

swrl

http://www.w3.org/2003/11/swrl#

swrla

http://swrl.stanford.edu/ontologies/3.3/swrla.owl#

swrlb

http://www.w3.org/2003/11/swrlb#

terms

http://open.vocab.org/terms/

vann

http://purl.org/vocab/vann/

xsd

http://www.w3.org/2001/XMLSchema#