## SHOW ONTOLOGY

GAETANO DONADIO (MATR. 899187)

Esame di Modellazione concettuale per il Web Semantico (A.A.2019/2020)

prof.ssa Rossana Damiano

Dipartimento di Informatica, Università di Torino.

DOCUMENTAZIONE LODE:

http://150.146.207.114/lode/extract?url=https%3A%2F%2Fraw.githubusercontent.com%2Fcheck96%2FShowOntology%2Fmaster%2FShowOntology.owl&lang=en

## STRUTTURA

1	Tassonomia delle classi
2	Principali template usati
3	Dettagli implementativi
4	Esempi di individui
5	Mockups
6	Diagramma di interazione con esempio
7	Query sparql

# TASSONOMIA DELLE CLASSI

Gerarchia delle classi dell'ontologia sviluppata e alcune statistiche

## Statistiche

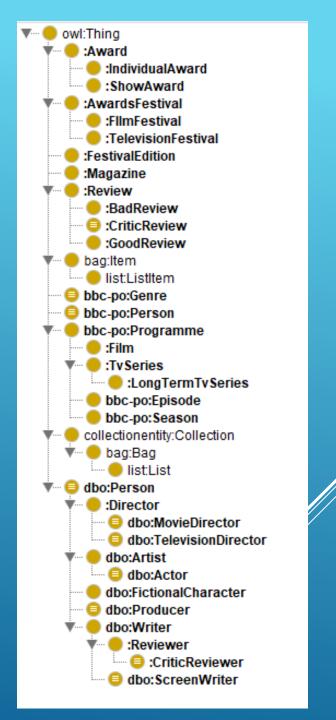
- 38 Classi
- 66 Object properties
- 19 Data properties
- 134 Individui
- 15 Regole SWRL

## Ontologie allineate

- DBPedia Ontology
- BBC Programmes Ontology

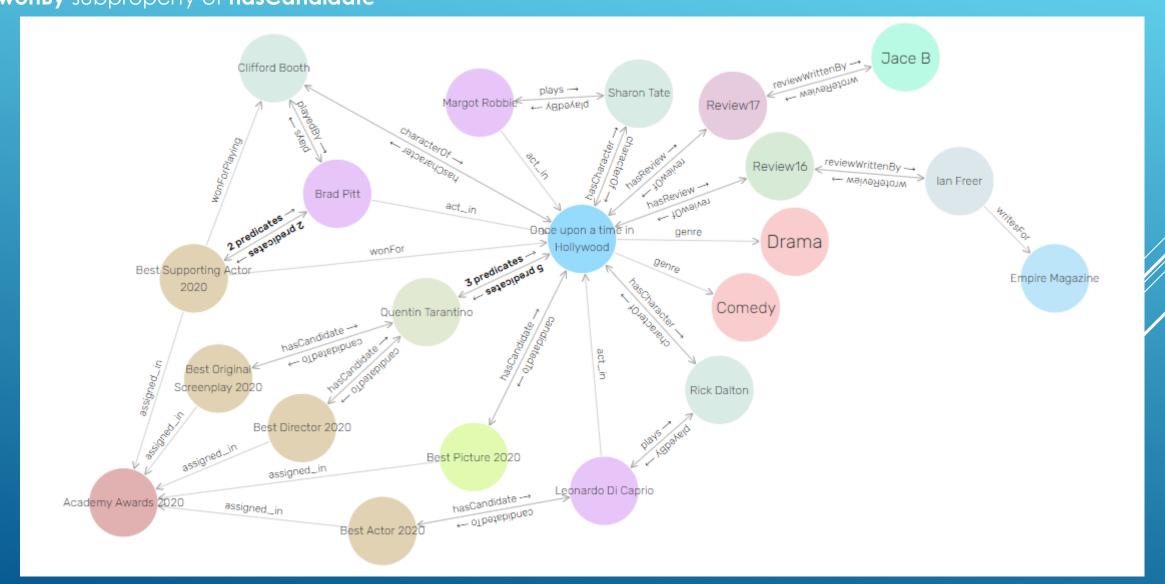
## Ontology pattern usati

List

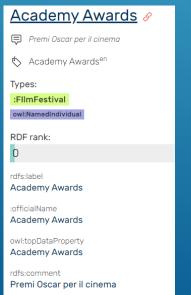


# PRINCIPALI TEMPLATE

Principali template usati per rappresentare i dati







GoodReview SWRL rule 
reviewRating(?rev, ?v) ^ swrlb:greaterThanOrEqual(?v, 6)
-> GoodReview(?rev)

#### BadReview SWRL rule ←



reviewRating(?rev, ?v) ^ swrlb:lessThan(?v, 6) -> BadReview(?rev)

	subject \$	predicate \$	object \$
1	:Joker	:hasReview	:Review15
2	:Miyazaki	:wroteReview	:Review15
3	:Review15	:reviewDescription	"The movie was well done, great cinematography, fantastic acting, but it was very heavy. This is a thought movie, not an action movie. I might have liked it more if I had been prepared for what it was."
4	:Review15	:reviewOf	:Joker
5	:Review15	:reviewRating	"6"~xsd:integer
6	:Review15	:reviewWrittenBy	:Miyazaki
7	:Review15	rdf:type	:GoodReview
8	:Review15	rdf:type	:Review
9	:Review15	rdf:type	owl:NamedIndividual
10	:Review15	rdfs:comment	"Recensione"®it
11	:Review15	rdfs:label	"Review15" <sup>@en</sup>

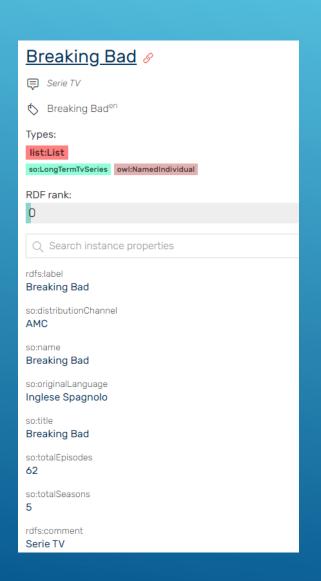
	subject \$	predicate \$	object \$
1	:Academy_Awards	:hasEdition	:Academy_Awards_2020
2	:Academy_Awards	:officialName	"Academy Awards"
3	:Academy_Awards	rdf:type	:AwardsFestival
4	:Academy_Awards	rdf:type	:FIImFestival
5	:Academy_Awards	rdf:type	owl:NamedIndividual
6	:Academy_Awards	rdfs:comment	"Premi Oscar per il cinema" <sup>@it</sup>
7	:Academy_Awards	rdfs:label	"Academy Awards" <sup>@en</sup>
8	:Academy_Awards_2020	:editionOf	:Academy_Awards

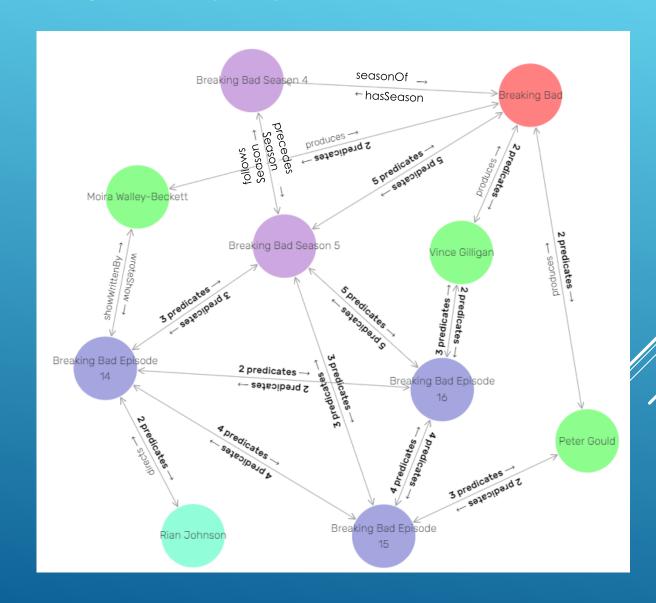
## **TvSeries** list **recedesSeason** e **followsSeason** sono transitive

LongTermTvSeries SWRL rule



totalSeasons(?show,?num) ^ swrlb:greaterThanOrEqual(?num, 5) -> LongTermTvSeries(?show)





## Sherlock Episode 1 & Primo episodio della Prima Stagione della serie tv "Sherlock" Sherlock Episode 1en Types: po:Episode list:ListItem owl:NamedIndividual RDF rank: Q Search instance properties rdfs:label Sherlock Episode 1 Sherlock Holmes incontra l'ex medico militare John Watson e lo convince ad aiutarlo nelle sue indagini. Il loro primo caso insieme appare alla polizia come una serie di suicidi collegati tra loro. so:date 25-07-2010 so:duration 88 so:episodeCode

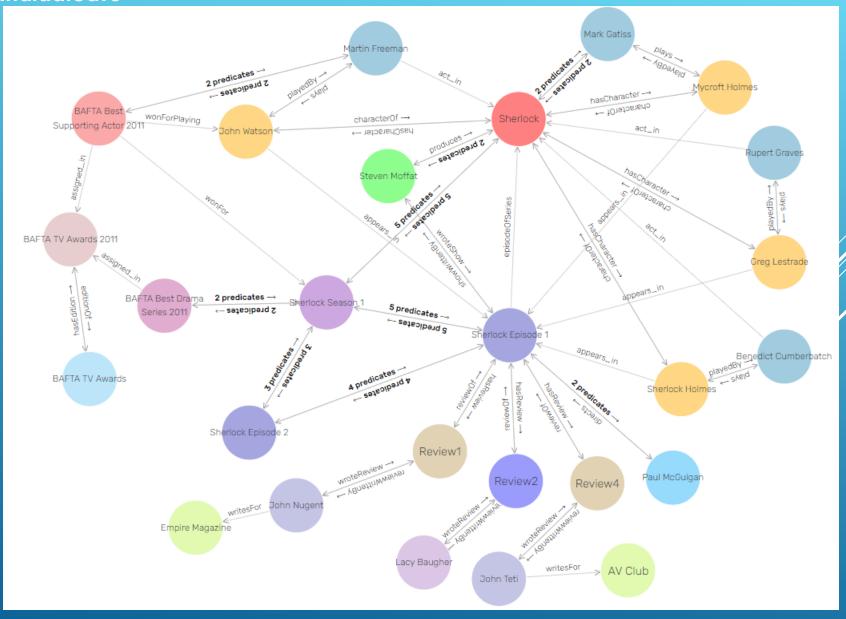
1x01

Uno studio in rosa

Uno studio in rosa

Primo episodio della Prima Stagione della serie tv "Sherlock"

so:releaseDate 25-07-2010



	subject \$	predicate \$	object \$
1	:Greg_Lestrade	:appears_in	:Sherlock_Episode1
2	:John_Watson	:appears_in	:Sherlock_Episode1
3	:Mycroft_Holmes	:appears_in	:Sherlock_Episode1
4	:Paul_McGuigan	:directs	:Sherlock_Episode1
5	:Review1	:reviewOf	:Sherlock_Episode1
6	:Review2	:reviewOf	:Sherlock_Episode1
7	:Review4	:reviewOf	:Sherlock_Episode1
8	:Sherlock_Episode1	po:director	:Paul_McGuigan
9	:Sherlock_Episode1	po:synopsis	"Sherlock Holmes incontra l'ex medico militare John Watson e lo con vince ad aiutarlo nelle sue indagini. Il loro primo caso insieme appare alla polizia come una serie di suicidi collegati tra loro."
10	:Sherlock_Episode1	bag:item0f	:Sherlock_Season1
11	:Sherlock_Episode1	collectionentity:isMemberOf	:Sherlock_Season1
12	:Sherlock_Episode1	list:firstItemOf	:Sherlock_Season1
13	:Sherlock_Episode1	sequence:directlyPrecedes	:Sherlock_Episode2
14	:Sherlock_Episode1	sequence:precedes	:Sherlock_Episode2
15	:Sherlock_Episode1	sequence:precedes	:Sherlock_Episode3
16	:Sherlock_Episode1	:directedBy	:Paul_McGuigan
17	:Sherlock_Episode1	:duration	"88" "xsd:integer
18	:Sherlock_Episode1	:episodeCode	"1x01"
19	:Sherlock_Episode1	:episodeOf	:Sherlock_Season1
20	:Sherlock_Episode1	:episodeOfSeries	:Sherlock
21	:Sherlock_Episode1	:firstEpisodeOf	:Sherlock_Season1
22	:Sherlock_Episode1	:hasNextEpisode	:Sherlock_Episode2

Sherlock Holmes &
Personaggio della serie tv "Sherlock"
♦ Sherlock Holmes <sup>en</sup>
Types:
dbo:FictionalCharacter
owl:NamedIndividual
RDF rank:
0
rdfs:label Sherlock Holmes
owl:topDataProperty Sherlock Holmes
foaf:name

Personaggio della serie tv "Sherlock"

	subject	predicate \$	object \$
1	:Benedict_Cumberbatch	:plays	:Sherlock_Holmes
2	:Outstanding_Lead_Actor_in_a_Miniseries_or_Movie_2014	:wonForPlaying	:Sherlock_Holmes
3	:Sherlock	:hasCharacter	:Sherlock_Holmes
4	:Sherlock_Holmes	:appears_in	:Sherlock_Episode1
5	:Sherlock_Holmes	:appears_in	:Sherlock_Episode2
6	:Sherlock_Holmes	:appears_in	:Sherlock_Episode3
7	:Sherlock_Holmes	:appears_in	:Sherlock_Episode9
8	:Sherlock_Holmes	:characterOf	:Sherlock
9	:Sherlock_Holmes	:playedBy	:Benedict_Cumberbatch
10	:Sherlock_Holmes	rdf:type	dbo:FictionalCharacter
11	:Sherlock_Holmes	rdf:type	dbo:Person
12	:Sherlock_Holmes	rdf:type	po:Person
13	:Sherlock_Holmes	rdf:type	owl:NamedIndividual
14	:Sherlock_Holmes	rdfs:comment	"Personaggio della serie tv "Sherlock"" <sup>@it</sup>
15	:Sherlock_Holmes	rdfs:label	"Sherlock Holmes" <sup>@en</sup>
16	:Sherlock_Holmes	foaf:name	"Sherlock Holmes"

23	:Sherlock_Episode1	:hasReview	:Review1
24	:Sherlock_Episode1	:hasReview	:Review2
25	:Sherlock_Episode1	:hasReview	:Review4
26	:Sherlock_Episode1	:precedesEpisode	:Sherlock_Episode2
27	:Sherlock_Episode1	:precedesEpisode	:Sherlock_Episode3
28	:Sherlock_Episode1	:releaseDate	"25-07-2010" Chttp://www.semanticweb.org/gaetano/ontologies/ShowOntology#xsd:date>
29	:Sherlock_Episode1	:showWrittenBy	:Steven_Moffat
30	:Sherlock_Episode1	:title	"Uno studio in rosa"
31	:Sherlock_Episode1	rdf:type	po:Episode
32	:Sherlock_Episode1	rdf:type	po:Programme
33	:Sherlock_Episode1	rdf:type	bag:Item
34	:Sherlock_Episode1	rdf:type	list:ListItem
35	:Sherlock_Episode1	rdf:type	owl:NamedIndividual
36	:Sherlock_Episode1	rdfs:comment	"Primo episodio della Prima Stagione della serie tv "Sherlock"" <sup>@it</sup>
37	:Sherlock_Episode1	rdfs:label	"Sherlock Episode 1" <sup>@en</sup>
38	:Sherlock_Episode2	sequence:directlyFollows	:Sherlock_Episode1

	39	:Sherlock_Episode2	sequence:follows	:Sherlock_Episode1
	40	:Sherlock_Episode2	:followsEpisode	:Sherlock_Episode1
	41	:Sherlock_Episode2	:hasPreviousEpisode	:Sherlock_Episode1
	42	:Sherlock_Episode3	sequence:follows	:Sherlock_Episode1
	43	:Sherlock_Episode3	:followsEpisode	:Sherlock_Episode1
	44	:Sherlock_Holmes	:appears_in	:Sherlock_Episode1
	45	:Sherlock_Season1	bag:hasItem	:Sherlock_Episode1
	46	:Sherlock_Season1	collectionentity:hasMember	:Sherlock_Episode1
	47	:Sherlock_Season1	list:hasFirstItem	:Sherlock_Episode1
	48	:Sherlock_Season1	:hasEpisode	:Sherlock_Episode1
	49	:Sherlock_Season1	:hasFirstEpisode	:Sherlock_Episode1
	50	:Steven_Moffat	:wroteShow	:Sherlock_Episode1
П				

Sherlock Holmes rdfs:comment

Paul McGuigan <i></i>		
Regista		
Naul McGuigan <sup>en</sup>		
Types:		
node80 dbo:TelevisionDirector owl:NamedIndividual		
RDF rank:		
0		
Q Search instance properties		
rdfs:label Paul McGuigan		
owl:topDataProperty Paul McGuigan		
foaf:age 56		
foaf:name Paul McGuigan		
rdfs:comment Regista		

	subject \$	predicate \$	object \$
1	:Paul_McGuigan	:directs	:Sherlock_Episode1
2	:Paul_McGuigan	:directs	:Sherlock_Episode3
3	:Paul_McGuigan	rdf:type	dbo:Person
4	:Paul_McGuigan	rdf:type	dbo:TelevisionDirector
5	:Paul_McGuigan	rdf:type	po:Person
6	:Paul_McGuigan	rdf:type	:Director
7	:Paul_McGuigan	rdf:type	owl:NamedIndividual
8	:Paul_McGuigan	rdfs:comment	"Regista" <sup>@it</sup>
9	:Paul_McGuigan	rdfs:label	"Paul McGuigan" <sup>@en</sup>
10	:Paul_McGuigan	foaf:age	"56" xsd:integer
11	:Paul_McGuigan	foaf:name	"Paul McGuigan"
12	:Sherlock_Episode1	po:director	:Paul_McGuigan
13	:Sherlock_Episode1	:directedBy	:Paul_McGuigan
14	:Sherlock_Episode3	po:director	:Paul_McGuigan
15	:Sherlock_Episode3	:directedBy	:Paul_McGuigan

# DETTAGLI IMPLEMENTATIVI

Ulteriori scelte implementative fatte durante la creazione dell'ontologia

## PROPRIETÀ INVERSE

- directedBy **inverse of** directs
- productedBy inverse of produces
- playedBy **inverse of** plays
- hasEpisode(Season) inverse of episode(season)Of
- hasFirst(Last)Episode inverse of first(last)EpisodeOf
- hasFirst(Last)Season inverse of first(last)SeasonOf
- hasCandidate inverse of candidatedTo
- wonBy inverse of receivedAward
- hasCharacter inverse of characterOf
- hasEdition inverse of editionOf
- hasReview inverse of reviewOf
- wroteReview inverse of reviewWrittenBy
- wroteShow inverse of showWrittenBy
- followsEpisode(Season) inverse of precedesEpisode(Season)
- hasNextEpisode(Season) inverse of hasPreviousEpisode(Season)

## PROPRIETÀ FUNZIONALI

- hasFirstEpisode/hasFirstSeason (anche inverse functional)
- hasLastEpisode/hasLastSeason (anche inverse functional)
- hasNextEpisode(Season) (anche inverse functional)
- assigned in
- characterOf
- editionOf
- reviewOf
- wonFor
- wonForPlaying

## PROPRIETÀ TRANSITIVE

- followsEpisode(Season)
- precedesEpsisode(Season)

## PROPRIETÀ ASIMMETRICHE E IRRIFLESSIVE

- hasNextEpisode(Season)
- hasPreviousEpisode(Season)

#### **CLASSI DEFINITE**

Actor Artist and (act\_in some Programme)

MovieDirector
 Director and (directs min 1 Film)

TvSeriesDriector
 Director and (directs min 1 Episode)

Producer Person and (produces some Programme)

Screenwriter Person and (wroteShow some Programme)

CriticReviewer
 Reviewer and (writesFor some Magazine)

CriticReview reviewWrittenBy some CriticReviewer

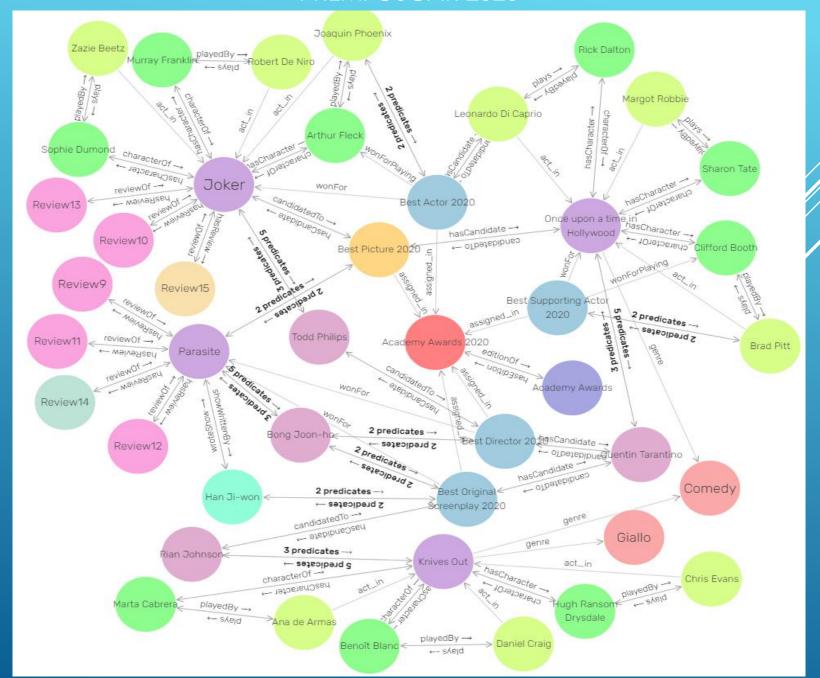
#### **CLASSE ENUMERATA**

**Genre** Equivalent To:

{ Biografico, Comedy, Drama, Giallo, Sentimentale, Thriller }

# ESEMPI DI INDIVIDUI

## PREMI OSCAR 2020







Types:

:Film

owl:NamedIndividual

RDF rank:



rdfs:label

Joker

po:synopsis

Una origin story diversa per il villain della DC, Joker: seguiamo un uomo di nome Arthur Fleck, un comico reietto che lotta per trovare un posto nel mondo, ma viene respinto dalla società che in ultimo lo deride e ne fa zimbello. Arthur sprofonda nella follia fino a trasformarsi nel Principe del Crimine.

:distributionChannel

Cinema

:duration

123

:originalLanguage

Inglese

:releaseDate

04-10-2019

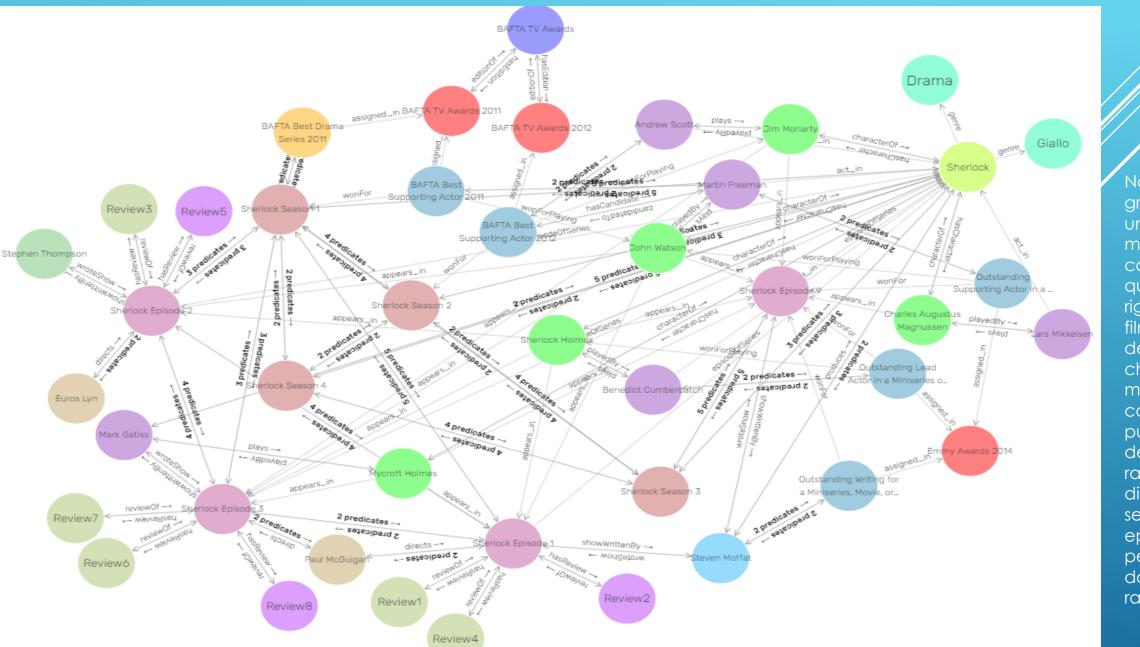
:title

Joker

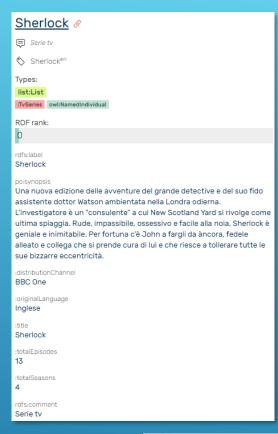
	subject \$	predicate \$	object \$
1	:Arthur_Fleck	:characterOf	:Joker
2	:Best_Actor_2020	:wonFor %	:Joker
3	:Best_Picture_2020	:hasCandidate	:Joker
4	:Joaquin_Phoenix	:act_in	:Joker
5	:Joker	po:director	:Todd_Philips
6	:Joker	po:genre	:Drama
7	:Joker	po:genre	:Thriller
8	:Joker	po:producer	:Todd_Philips
9	:Joker	po:synopsis	"Una origin story diversa per il villain della DC, Joker: seguiamo un uomo di nome Arthur Fleck, un comico reietto che lotta per trovare un posto nel mondo, ma viene respinto dalla società che in ultimo lo deride e ne fa zimbello. Arthur sprofonda nell a follia fino a trasformarsi nel Principe del Crimine."
10	:Joker	:candidatedTo	:Best_Picture_2020
11	:Joker	:directedBy	:Todd_Philips
12	:Joker	:distributionChannel	"Cinema"
13	:Joker	:duration	*123* "xsd:integer
14	:Joker	:hasCharacter	:Arthur_Fleck
15	:Joker	:hasCharacter	:Murray_Franklin
16	:Joker	:hasCharacter	:Sophie_Dumond
17	:Joker	:hasReview	:Review10
18	:Joker	:hasReview	:Review13

19	:Joker	:hasReview	:Review15
20	:Joker	:originalLanguage	"Inglese"
21	:Joker	:productedBy	:Todd_Philips
22	:Joker	:releaseDate	"04-10-2019" <a href="http://www.semanticweb.org/gaetano/ontologies/ShowOntology#xsd:date">http://www.semanticweb.org/gaetano/ontologies/ShowOntology#xsd:date</a>
23	:Joker	:showWrittenBy	:Todd_Philips
24	:Joker	:title	"Joker"
25	:Joker	rdf:type	po:Programme
26	:Joker	rdf:type	:Film
27	:Joker	rdf:type	owl:NamedIndividual
28	:Joker	rdfs:comment	"Film" <sup>@it</sup>
29	:Joker	rdfs:label	"Joker" <sup>@en</sup>
30	:Murray_Franklin	:characterOf	:Joker
31	:Review10	:reviewOf	:Joker
32	:Review13	:reviewOf	:Joker
33	:Review15	:reviewOf	:Joker
34	:Robert_De_Niro	:act_in	:Joker
35	:Sophie_Dumond	:characterOf	:Joker
36	:Todd_Philips	:directs	:Joker
37	:Todd_Philips	:produces	:Joker
38	:Todd_Philips	:wroteShow	:Joker
39	:Zazie_Beetz	:act_in	:Joker

## SERIE TV SHERLOCK



Notiamo che il grafo riguardante una serie tv è molto più complesso di quello riguardante un film. Questo deriva dal fatto che una serie tv è molto più complessa dal punto di vista descrittivo e rappresentativo di un film: una serie tv ha più episodi e più personaggi da dover rappresentare



	subject \$	predicate \$	object \$
1	:Andrew_Scott	:act_in	:Sherlock
2	:BAFTA_Best_Drama_Series_2011	:hasCandidate	:Sherlock
3	:BAFTA_Best_Drama_Series_2011	:wonBy	:Sherlock
4	:Benedict_Cumberbatch	:act_in	:Sherlock
5	:Charles_Augustus_Magnussen	:characterOf	:Sherlock
6	:Greg_Lestrade	:characterOf	:Sherlock
7	:Jim_Moriarty	:characterOf	:Sherlock
8	:John_Watson	:characterOf	:Sherlock
9	:Lars_Mikkelsen	:act_in	:Sherlock
10	:Mark_Gatiss	:act_in	:Sherlock
11	:Mark_Gatiss	:produces	:Sherlock
12	:Martin_Freeman	:act_in	:Sherlock
13	:Mycroft_Holmes	:characterOf	:Sherlock
14	:Rupert_Graves	:act_in	:Sherlock
15	:Sherlock	po:genre	:Drama
16	:Sherlock	po:genre	:Giallo
17	:Sherlock	po:producer	:Mark_Gatiss
18	:Sherlock	po:producer	:Steven_Moffat
19	:Sherlock	po:synopsis	"Una nuova edizione delle avventure dei grande detective e del suo fido assistente dottor Watson ambientata nella Londra od lema. L'investigatore è un "consulente" a cui New Scotiand Yard si rivolge come ultima spiaggia. Rude, impassibile, ossessivo e facile alla nola, Shertick è geniale e inimitabile. Per fortuna c'è John a fargil da àncora, fedele alleato e collega che si prend e cura di lui e che riesce a tollerare tutte le sue bizzarre eccentricità."
20	:Sherlock	bag:hasItem	:Sherlock_Season1
21	:Sherlock	bag:hasItem	:Sherlock_Season2
22	:Sherlock	bag:hasItem	:Sherlock_Season3
23	:Sherlock	bag:hasItem	:Sherlock_Season4
24	:Sherlock	collectionentity:hasMember	:Sherlock_Season1
25	:Sherlock	collectionentity:hasMember	:Sherlock_Season2

28         Sherlock         listhasFirstItem         Sherlock_Season1           29         Sherlock         listhasLastItem         Sherlock_Season4           30         Sherlock         candidatedTo         :BAFTA_Best_Drama_Series_2011           31         Sherlock         distributionChannel         "BBC One"           32         Sherlock         :hasCharacter         :Charles_Augustus_Magnussen           33         Sherlock         :hasCharacter         :Greg_Lestrade           34         Sherlock         :hasCharacter         :Jim_Moriarty           35         :Sherlock         :hasCharacter         :John_Watson           36         :Sherlock         :hasCharacter         :Mycroft_Holmes           37         :Sherlock         :hasCharacter         :Sherlock_Holmes           38         :Sherlock         :hasFirstSeason         :Sherlock_Season1           39         :Sherlock         :hasSeason         :Sherlock_Season4           40         :Sherlock         :hasSeason         :Sherlock_Season1           41         :Sherlock         :hasSeason         :Sherlock_Season3	
30   Sherlock	
31   Sherlock	
32         Sherlock         :hasCharacter         :Charles_Augustus_Magnussen           33         :Sherlock         :hasCharacter         :Greg_Lestrade           34         :Sherlock         :hasCharacter         :Dlm_Moriarty           35         :Sherlock         :hasCharacter         :John_Watson           36         :Sherlock         :hasCharacter         :Mycroft_Holmes           37         :Sherlock         :hasCharacter         :Sherlock_Holmes           38         :Sherlock         :hasFirstSeason         :Sherlock_Season1           39         :Sherlock         :hasLastSeason         :Sherlock_Season4           40         :Sherlock         :hasSeason         :Sherlock_Season1           41         :Sherlock         :hasSeason         :Sherlock_Season2	
33         :Sherlock         :hasCharacter         :Greg_Lestrade           34         :Sherlock         :hasCharacter         :Jlm_Moriarty           35         :Sherlock         :hasCharacter         :John_Watson           36         :Sherlock         :hasCharacter         :Mycroft_Holmes           37         :Sherlock         :hasCharacter         :Sherlock_Holmes           38         :Sherlock         :hasFirstSeason         :Sherlock_Season1           39         :Sherlock         :hasLastSeason         :Sherlock_Season4           40         :Sherlock         :hasSeason         :Sherlock_Season1           41         :Sherlock         :hasSeason         :Sherlock_Season2	
34   Sherlock	
35   Sherlock	
36         Sherlock         :hasCharacter         :Mycroft_Holmes           37         :Sherlock         :hasCharacter         :Sherlock_Holmes           38         :Sherlock         :hasFirstSeason         :Sherlock_Season1           39         :Sherlock         :hasLastSeason         :Sherlock_Season4           40         :Sherlock         :hasSeason         :Sherlock_Season1           41         :Sherlock         :hasSeason         :Sherlock_Season2	
37 Sheriock :hasCharacter :Sheriock_Holmes 38 :Sheriock :hasFirstSeason :Sheriock_Season1 39 :Sheriock :hasLastSeason :Sheriock_Season4 40 :Sheriock :hasSeason :Sheriock_Season1 41 :Sheriock :hasSeason :Sheriock_Season2	
38 :Sherlock :hasFirstSeason :Sherlock_Season1 39 :Sherlock :hasLastSeason :Sherlock_Season4 40 :Sherlock :hasSeason :Sherlock_Season1 41 :Sherlock :hasSeason :Sherlock_Season2	
39         :Sherlock         :hasLastSeason         :Sherlock_Season4           40         :Sherlock         :hasSeason         :Sherlock_Season1           41         :Sherlock         :hasSeason         :Sherlock_Season2	
40         :Sherlock         :hasSeason         :Sherlock_Season1           41         :Sherlock         :hasSeason         :Sherlock_Season2	
41 :Sherlock :hasSeason :Sherlock_Season2	
42 Charlank Canana Sharlank Canana	
42 .Shehock .hasseasun .shehock_seasuns	
43 :Sherlock :hasSeason :Sherlock_Season4	
44 :Sherlock :originalLanguage "Inglese"	
d 45 :Sherlock :productedBy :Mark_Gatiss	
46 :Sherlock :productedBy :Steven_Moffat	
47 :Sherlock :receivedAward :BAFTA_Best_Drama_Series_2011	
48 :Sherlock :title "Sherlock"	
49 :Sherlock :totalEpisodes "13" ("xsd.integer	
50 :Sherlock :totalSeasons "4*" (xsid-integer	
51 :Sherlock rdf:type po:Programme	
52 :Sherlock rdf:type bag:Bag	
53 :Sherlock rdf:type collectionentity:Collection	

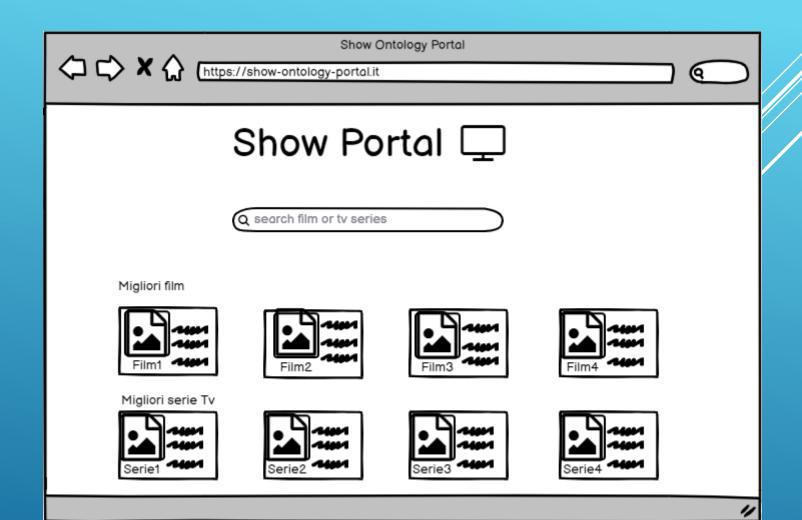
collectionentity:hasMember :Sherlock\_Season3

54	:Sherlock	rdf:type	list:List
55	:Sherlock	rdf:type	:TvSeries
56	:Sherlock	rdf:type	owl:NamedIndividual
57	:Sherlock	rdfs:comment	"Serie tv"@it
58	:Sherlock	rdfs:label	"Sherlock" <sup>@en</sup>
59	:Sherlock_Episode1	:episodeOfSeries	:Sherlock
60	:Sherlock_Episode2	:episodeOfSeries	:Sherlock
61	:Sherlock_Episode3	:episodeOfSeries	:Sherlock
62	:Sherlock_Episode9	:episodeOfSeries	:Sherlock
63	:Sherlock_Holmes	:characterOf	:Sherlock
64	:Sherlock_Season1	bag:itemOf	:Sherlock
65	:Sherlock_Season1	collectionentity:isMemberOf	:Sherlock
66	:Sherlock_Season1	list:firstItemOf	:Sherlock
67	:Sherlock_Season1	:firstSeasonOf	:Sherlock

68	:Sherlock_Season1	:seasonOf	:Sherlock
69	:Sherlock_Season2	bag:item0f	:Sherlock
70	:Sherlock_Season2	collectionentity:isMemberOf	:Sherlock
71	:Sherlock_Season2	:seasonOf	:Sherlock
72	:Sherlock_Season3	bag:item0f	:Sherlock
73	:Sherlock_Season3	collectionentity:isMemberOf	:Sherlock
74	:Sherlock_Season3	:seasonOf	:Sherlock
75	:Sherlock_Season4	bag:item0f	:Sherlock
76	:Sherlock_Season4	collectionentity:isMemberOf	:Sherlock
77	:Sherlock_Season4	list:lastItemOf	:Sherlock
78	:Sherlock_Season4	:lastSeasonOf	:Sherlock
79	:Sherlock_Season4	:seasonOf	:Sherlock
80	:Steven_Moffat	:produces	:Sherlock

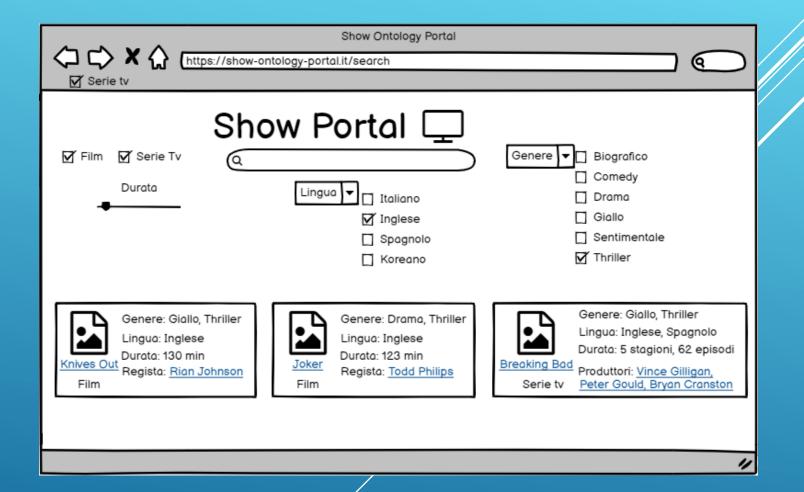
# MOCKUPS

Possibili interfacce grafiche di applicazioni basate su SO

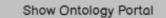




## RICERCA



## PAGINA RIEPILOGATIVA DI UN FILM





Serie tv

https://show-ontology-portal.it/Parasite



## **Parasite**



Titolo completo: Parasite Data di uscita: 31-05-2019

Lingua originale: Koreano Sceneggiatore: Bong Joon-ho

Durata: 131 min Regista: Bong Joon-ho

Sinossi: I membri della famiglia di Ki-taek, tutti disoccupati, sviluppano un singolare interesse per i ricchi

Parks e per il loro stile di vista glamour fino a che non rimangono coinvolti in uno strano incidente.

#### Recensioni



ond o

One of the best films of the decade and of Korean cinema (a nation that, by the way, has one of the most interesting filmographies of contemporary.

Voto: 10 / 10

#### Riconoscimenti



Premio Oscar per il miglior Film 2020



Premio Oscar per la miglior Regia 2020

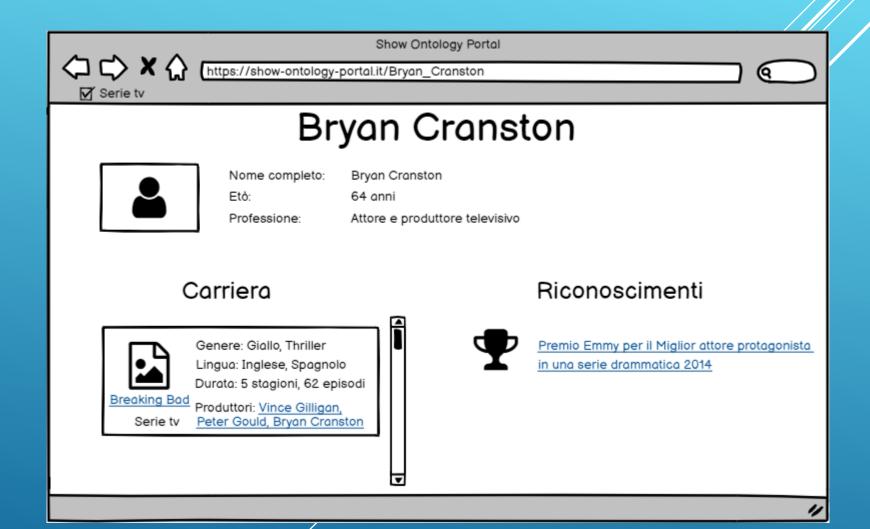
a Bong Joon-ho



Premio Oscar per la miglior Sceneggiatura originale 2020 a Bong Joon-ho e Han ji-won



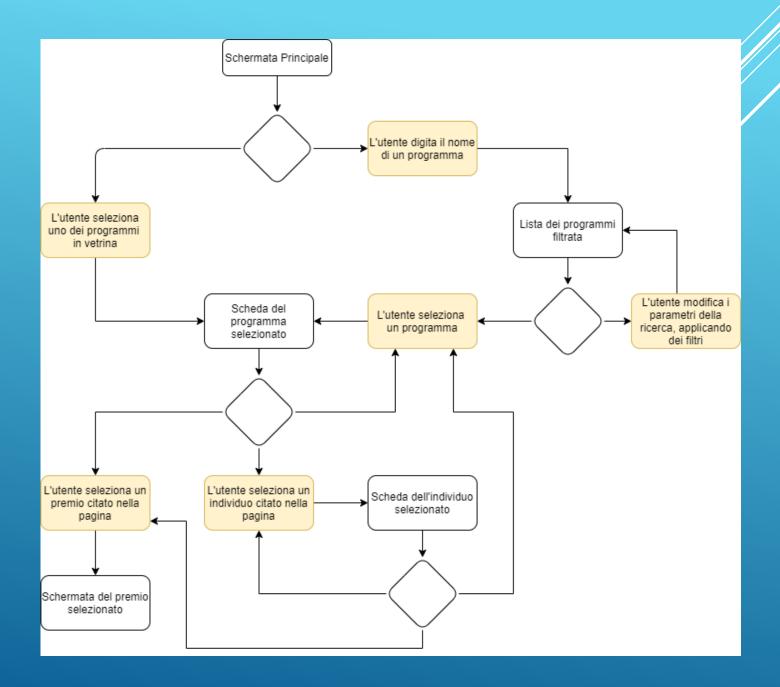
# PAGINA RIEPILOGATIVA DI UNA PERSONA



# DIAGRAMMA DI INTERAZIONE CON ESEMPI

Possibile scenario d'uso di un'applicazione basata su SO con alcuni esempi di interazione

Esempio di un diagramma di interazione di un utente con un'applicazione che utilizza l'ontologia.



## RICERCA DI RECENSIONI SUL FILM «JOKER»

- 1. Cerco il film «Joker» tramite la barra di ricerca situata nella schermata principale
- 2. Nella schermata successiva seleziono il film «Joker»
- 3. Nella schermata del film, seleziono una delle recensioni dall'apposita sezione
- 4. Leggo la recensione
- 5. Seleziono un'altra recensione e così via

# RICERCA DEI PREMI VINTI DAGLI ATTORI DEL 14° EPISODIO DELLA 5° STAGIONE DI «BREAKING BAD»

- 1. Cerco la serie tv «Breaking Bad» tramite la barra di ricerca
- 2. Nella schermata successiva seleziono la serie tv «Breaking Bad»
- 3. Nella schermata della serie, seleziono la 5° stagione
- 4. Nella schermata successiva, seleziono il 14° episodio
- 5. Nella schermata dell'episodio, seleziono uno degli attori che vi ha partecipato
- 6. Nella scheda dell'attore leggo i premi che ha vinto
- 7. Ripeto la ricerca per ogni attore che ha partecipato all'episodio

## QUERY SPARQL

## PREFISSI USATI:

- PREFIX: http://www.semanticweb.org/gaetano/ontologies/ShowOntology#
- PREFIX bbc-po: <a href="http://purl.org/ontology/po/">http://purl.org/ontology/po/</a>
- PREFIX dbpo: <a href="http://dbpedia.org/ontology/">http://dbpedia.org/ontology/</a>
- PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
- PREFIX owl: <a href="http://www.w3.org/2002/07/owl#>"></a>
- PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
- PREFIX xsd: http://www.w3.org/2001/XMLSchema#

## FILM CHE HANNO SOLO RECENSIONI BUONE (VOTO >= 7)

	film	<b>\$</b>	numReviews	<b>\$</b>
1	:Once_Upon_a_Time_in_Hollywood		"2" xsd:integer	

#### Note:

?numReviews indica il numero totali di recensioni che ha il film La regola « ?film :hasReview ?rev. » serve ad escludere i film che non hanno recensioni

### ELENCO DELLE RECENSIONI CRITICHE DEL FILM «JOKER»

	review \$	rating \$	description	writer \$	magazine \$
1	:Review10	"10"^^xsd:integer	"Joker is dark, dense, violent, and monstrous. A descent into Hades that is unlike anything we've seen on screen that's inspired by a comic"	:Luis_Bond	:A_simple_vista
2	:Review13	"4" ^ xsd:integer	"The year's biggest disappointment has arrived. It emerges with weirdly grownup self-importance from the tulip fever of festival awards season as an upscale spin on an established pop culture brand"	:Peter_Bradshaw	:Guardian

## ELENCO DEGLI ATTORI CHE HANNO RECITATO AL CINEMA CON RELATIVO RUOLO E FILM

	actor \$	film \$	role \$
1	:Joaquin_Phoenix	:Joker	:Arthur_Fleck
2	:Robert_De_Niro	:Joker	:Murray_Franklin
3	:Zazie_Beetz	:Joker	:Sophie_Dumond
4	:Ana_de_Armas	:Knives_Out	:Marta_Cabrera
5	:Chris_Evans	:Knives_Out	:Hugh_Ransom_Drysdale
6	:Daniel_Craig	:Knives_Out	:Benoît_Blanc
7	:Brad_Pitt	:Once_Upon_a_Time_in_Hollywood	:Clifford_Booth
8	:Leonardo_Di_Caprio	:Once_Upon_a_Time_in_Hollywood	:Rick_Dalton
9	:Margot_Robbie	:Once_Upon_a_Time_in_Hollywood	:Sharon_Tate

## **ELENCO DEI PREMI VINTI DALLA SERIE TV «SHERLOCK»**

	award	festival_edtion \$	winner \$	wonFor \$	wonForPlaying \$
1	:BAFTA_Best_Drama_Series_2011	:BAFTA_TV_Awards_2011	:Sherlock	:Sherlock_Season1	
2	:BAFTA_Best_Drama_Series_2011	:BAFTA_TV_Awards_2011		:Sherlock_Season1	
3	:BAFTA_Best_Supporting_Actor_2011	:BAFTA_TV_Awards_2011	:Martin_Freeman	:Sherlock_Season1	:John_Watson
4	:BAFTA_Best_Supporting_Actor_2012	:BAFTA_TV_Awards_2012	:Andrew_Scott	:Sherlock_Season2	:Jim_Moriarty
5	:Outstanding_Lead_Actor_in_a_Miniseries_or_Movie_2014	:Emmy_Awards_2014	:Benedict_Cumberbatch	:Sherlock_Episode9	:Sherlock_Holmes
6	:Outstanding_Supporting_Actor_in_a_Miniseries_or_Movie_2014	:Emmy_Awards_2014	:Martin_Freeman	:Sherlock_Episode9	:John_Watson
7	:Outstanding_Writing_for_a_Miniseries,_Movie,_or_Dramatic_Special_2014	:Emmy_Awards_2014	:Steven_Moffat	:Sherlock_Episode9	

### ELENCO DI TUTTI I FESTIVAL CINEMATOGRAFICI E TELEVISIVI CON RELATIVE EDIZIONI E PREMI ASSEGNATI

	festival \$	edition \$	award \$	winner \$	role \$	show \$
1	:Academy_Awards	:Academy_Awards_2020	:Best_Actor_2020	:Joaquin_Phoenix	:Arthur_Fleck	:Joker
2	:Academy_Awards	:Academy_Awards_2020	:Best_Supporting_Actor_2020	:Brad_Pitt	:Clifford_Booth	:Once_Upon_a_Time_in_Hollywood
3	:Academy_Awards	:Academy_Awards_2020	:Best_Director_2020	:Bong_Joon-ho		:Parasite
4	:Academy_Awards	:Academy_Awards_2020	:Best_Original_Screenplay_2020	:Bong_Joon-ho		:Parasite
5	:Academy_Awards	:Academy_Awards_2020	:Best_Original_Screenplay_2020	:Han_Ji-won		:Parasite
6	:Academy_Awards	:Academy_Awards_2020	:Best_Picture_2020	:Parasite		
7	:BAFTA_TV_Awards	:BAFTA_TV_Awards_2011	:BAFTA_Best_Supporting_Actor_2011	:Martin_Freeman	:John_Watson	:Sherlock_Season1
8	:BAFTA_TV_Awards	:BAFTA_TV_Awards_2011	:BAFTA_Best_Drama_Series_2011	:Sherlock		:Sherlock_Season1
9	:BAFTA_TV_Awards	:BAFTA_TV_Awards_2012	:BAFTA_Best_Supporting_Actor_2012	:Andrew_Scott	:Jim_Moriarty	:Sherlock_Season2
10	:Emmy_Awards	:Emmy_Awards_2014	:Outstanding_Lead_Actor_in_a_Drama_Series_2014	:Bryan_Cranston	:Walter_White	:Breaking_Bad_Episode14
11	:Emmy_Awards	:Emmy_Awards_2014	:Outstanding_Lead_Actor_in_a_Miniseries_or_Movie_2014	:Benedict_Cumberbatch	:Sherlock_Holmes	:Sherlock_Episode9
12	:Emmy_Awards	:Emmy_Awards_2014	:Outstanding_Supporting_Actor_in_a_Drama_Series_2014	:Aaron_Paul	:Jesse_Pinkman	:Breaking_Bad_Episode11
13	:Emmy_Awards	:Emmy_Awards_2014	:Outstanding_Supporting_Actor_in_a_Miniseries_or_Movie_2014	:Martin_Freeman	:John_Watson	:Sherlock_Episode9
14	:Emmy_Awards	:Emmy_Awards_2014	:Outstanding_Supporting_Actress_in_a_Drama_Series_2014	:Anna_Gunn	:Skyler_White	:Breaking_Bad_Episode14
15	:Emmy_Awards	:Emmy_Awards_2014	:Outstanding_Writing_for_a_Drama_Series_2014	:Moira_Walley-Beckett		:Breaking_Bad_Episode14
16	:Emmy_Awards	:Emmy_Awards_2014	:Outstanding_Writing_for_a_Miniseries,_Movie,_or_Dramatic_Special_2014	:Steven_Moffat		:Sherlock_Episode9
17	:Emmy_Awards	:Emmy_Awards_2014	:Outstanding_Drama_Series_2014	:Breaking_Bad		