A common vocabulary for clothing items.

IRI:
http://www.semanticweb.org/ontologies/2015/02/semcloth.owl

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Authors :
Daniel Amariei

Contributors :
Ioana Bîrsan
Iordan Rață
Oana Gagea

Other visualisation :
Ontology source - WebVowl

Abstract

The purpose of this ontology is to create the common conceptual framwork for 'talking' about clothing or related concepts.

Table of Content

Classes

AgeGroup BodyShape BrowsingHistory Budget BusinessMeeting CasualEvents Clothing ClothingTexture Club Coat dbo:Colour dbo:Event dbpedia:Clothing_sizes dbpedia:Dress_code dbpedia:Season dbpedia:Shape dbpedia:Weather DinnerParty Dress FashionBrand FashionTrend FormalEvents Funneral FunneralClothing FunneralClothing Gloves Interview Jeans OutfitPlanning Person Preference Pyjama RecommendationSystem RegularFitTrousers Shirt SkinnyFitTrousers Skirt SlimFitTrousers StylingTips Suit Top Trousers TShirt Wedding

AgeGroup[C]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#AgeGroup

from 15 to 50 usually

is equivalent to
maxAge[dp] **exactly** 1
minAge[dp] **exactly** 1

is in domain of
hasBelonging[op], maxAge[dp], minAge[dp]

is in range of
belongsTo[op]

BodyShape[C]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#BodyShape

BodyShapes

has super-classes
dbpedia:Shape[C]

is in domain of
bodyShapeHasSuitableClothingForDressing[op], hasRecommendedDress[op]

is in range of
isSuitableToBeDressedByBodyShape[op], suitableForBodyShape[op]

BrowsingHistory[C]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#BrowsingHistory

BrowsingHistorys

is in domain of
browsingHistoryUtilizedBy[op], duration[dp], influencesPreferences[op], timeStamp[dp], visitedPages[dp]

is in range of
influencedByBrowsingHistory[op], utilizesBrowsingHistory[op]

Budget[C]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Budget

Budgets

is in domain of
amount[dp], budgetDetailsUtilizedBy[op], currency[dp], influencesStylingChoicesFor[op]
is in range of
stylingChoicesinfluencedBy[op], utilizesBudgetDetails[op]

BusinessMeeting[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#BusinessMeeting

BusinessMeetings

has super-classes
FormalEvents[c]
has sub-classes
Interview[c]

CasualEvents[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#CasualEvents

CasualEvent

has super-classes
dbo:Event[c]
has sub-classes
Funneral[c]

Clothing[c]

back to ToC or Class ToC

IRI: http://dbpedia.org/resource/Clothing

Represents a clothing item (e.g. Skirt, Jeans, Shoes, etc.) or a collection of clothing items (e.g. a suit -- which is formed from multiple items.). We need to abstract the posibility that a clothing item can be formed from one or multiple clothing items.

is equivalent to
hasColour[op] **some** dbo:Colour[c]
hasTexture[op] **some** ClothingTexture[c]
isSuitableForDressingCode[op] **exactly** 1 dbpedia:Dress_code[c]
has sub-classes
Coat[c], FunneralClothing[c], FunneralClothing[c], Gloves[c], Jeans[c], Pyjama[c], Shirt[c], Skirt[c], Suit[c], TShirt[c], Top[c], Trousers[c]
is in domain of
hasColour[op], hasSize[op], hasTexture[op], isManufacteredBy[op], isPartOf[op], isSuitableForDressingCode[op], isSuitableToBeDressedAtEvent[op], isSuitableToBeDressedByBodyShape[op], isSuitableToBeDressedInSeason[op], isSuitableToBeDressedOnWeather[op]
is in range of
bodyShapeHasSuitableClothingForDressing[op], dressingCodeHasSuitableClothingForDressing[op], eventHasSuitableClothingForDressing[op], hasPart[op], isColourOf[op], isSizeOf[op], isTextureOf[op], manufactures[op], seasonHasSuitableClothingForDressing[op], weatherHasSuitableClothingForDressing[op]

ClothingTexture[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#ClothingTexture

ClothingTextures

is in domain of
isTextureOf[op]
is in range of
hasTexture[op]

Club[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Club

Clubs

has super-classes
FormalEvents[c]

Coat[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Coat

Coats

has super-classes
Clothing[c]

dbo:Colour[c]

back to ToC or Class ToC

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

dbo:Colours

is equivalent to
colorName[dp] **exactly** 1

has super-classes
dbo:Event[c]
is in domain of
colorName[dp], isColourOf[op]
is in range of
hasColour[op]

dbo:Event[c]

back to ToC or Class ToC

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

Event

is equivalent to
eventName[dp] **exactly** 1
eventVenu[dp] **exactly** 1
has sub-classes
CasualEvents[c], FormalEvents[c], dbo:Colour[c]
is in domain of
eventHasSuitableClothingForDressing[op], eventName[dp], eventVenu[dp], isRelatedEventOf[op], isRelatedToByEvent[op], stylingChoicesinfluencedBy[op]
is in range of
hasRelatedEvent[op], influencesStylingChoicesFor[op], isSuitableToBeDressedAtEvent[op], relatedToEvent[op]

dbpedia:Clothing_sizes[c]

back to ToC or Class ToC

IRI: http://dbpedia.org/resource/Clothing_sizes

Clothing_sizes

is in domain of
isDressSizeOf[op], isSizeOf[op]
is in range of
dbp:dressSize[op], hasSize[op]

dbpedia:Dress_code[c]

back to ToC or Class ToC

IRI: http://dbpedia.org/resource/Dress_code

Is viewed as article number like HP094

is in domain of
dressingCodeHasSuitableClothingForDressing[op]
is in range of
isSuitableForDressingCode[op]

dbpedia:Season[c]

back to ToC or Class ToC

IRI: http://dbpedia.org/resource/Season

Season

is equivalent to
seasonName[dp] **exactly** 1
is in domain of
seasonDuration[dp], seasonHasSuitableClothingForDressing[op], seasonName[dp]
is in range of
isSuitableToBeDressedInSeason[op]

dbpedia:Shape[c]

back to ToC or Class ToC

IRI: http://dbpedia.org/resource/Shape

Shape

has sub-classes
BodyShape[c]
is in domain of
shapeOf[op]
is in range of
hasShape[op]

dbpedia:Weather[c]

back to ToC or Class ToC

IRI: http://dbpedia.org/resource/Weather

Weathers

is equivalent to
weatherName[dp] **exactly** 1
has super-classes
thing[c]
is in domain of
weatherHasSuitableClothingForDressing[op], weatherName[dp]

is in range of
isSuitableToBeDressedOnWeather[op]

DinnerParty[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#DinnerParty

DinnerPartys

has super-classes
FormalEvents[c]

Dress[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Dress

Dresses

is equivalent to
hasPart[op] **some** Clothing[c]
hasRelatedEvent[op] **some** dbo:Event[c]
isManufacteredBy[op] **exactly** 1 FashionBrand[c]
hasBrand[dp] **exactly** 1
hasLength[dp] **exactly** 1
hasStyle[dp] **exactly** 1
is in domain of
dbp:dressSize[op], hasBrand[dp], hasDetail[dp], hasLength[dp], hasPart[op], hasRelatedEvent[op], hasShape[op], hasStyle[dp], suitableForBodyShape[op]
is in range of
hasRecommendedDress[op], isDressSizeOf[op], isPartOf[op], isRelatedEventOf[op], shapeOf[op]

FashionBrand[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#FashionBrand

FashionBrands

is in domain of
fashionBrandName[dp], fashionBrandRelatedTo[op], manufactures[op]
is in range of
isManufacteredBy[op], relatedToFashionBrand[op]

FashionTrend[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#FashionTrend

FashionTrends

is equivalent to
AgeGroup[c] **or** (associatedWithFashionTrend[op] **some** dbo:Colour[c])
is in domain of
fashionTrendName[dp], influences[op], isAssociatedWithByFashionTrend[op], isRelatedToByFashionTrend[op]
is in range of
associatedWithFashionTrend[op], influencedBy[op], relatedToFashionTrend[op]

FormalEvents[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#FormalEvents

FormalEvent

has super-classes
dbo:Event[c]
has sub-classes
BusinessMeeting[c], Club[c], DinnerParty[c], Wedding[c]

Funneral[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Funneral

Funnerals

has super-classes
CasualEvents[c]

FunneralClothing[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#FunneralClothing

Clothing that is suitable for a funneral.

has super-classes
Clothing[c]

FunneralClothing[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#RainCoat

FunneralClothings

has super-classes
Clothing[c]

Gloves[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Gloves

Glove

has super-classes
Clothing[c]

Interview[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Interview

Interviews

has super-classes
BusinessMeeting[c]

Jeans[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Jeans

Jean

has super-classes
Clothing[c]

OutfitPlanning[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#OutfitPlanning

OutfitPlannings

is in domain of
budgetRange[dp], eventDescription[dp], outfitPlanningRequiredBy[op]
is in range of
requiresOutfitPlanning[op]

Person[c]

back to ToC or Class ToC

IRI: https://schema.org/Person#Person

Persons

is equivalent to
belongsTo[op] **exactly** 1
familyName[dp] **exactly** 1
is in domain of
belongsTo[op], familyName[dp], requiresOutfitPlanning[op], useRecommendationsgeneratedBy[op]
is in range of
generatesRecommendationsFor[op], hasBelonging[op], outfitPlanningRequiredBy[op]

Preference[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Preference

Preferences

is in domain of
influencedByBrowsingHistory[op], personalStyle[dp]
is in range of
influencesPreferences[op]

Pyjama[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Pyjama

Pyjamas

has super-classes
Clothing[c]

RecommendationSystem[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#RecommendationSystem

RecommendationSystems

is in domain of
algorithmUsed[dp], generatesRecommendationsFor[op], performanceMetrics[dp], useToDoRecommendation[op], utilizesBrowsingHistory[op], utilizesBudgetDetails[op]

is in range of
browsingHistoryUtilizedBy[op], budgetDetailsUtilizedBy[op], useRecommendationsgeneratedBy[op], usedInRecommendation[op]

RegularFitTrousers[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#RegularFitTrousers

RegularFitTrouser

has super-classes
Trousers[c]

Shirt[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Shirt

Shirts

has super-classes
Clothing[c]

SkinnyFitTrousers[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#SkinnyFitTrousers

SkinnyFitTrouser

has super-classes
Trousers[c]

Skirt[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Skirt

Skirts

has super-classes
Clothing[c]

SlimFitTrousers[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#SlimFitTrousers

SlimFitTrouser

has super-classes
Trousers[c]

StylingTips[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#StylingTips

Styling Tips to help users what to wear

is in domain of
relatedToEvent[op], relatedToFashionBrand[op], relatedToFashionTrend[op], stylingTipsDescription[dp]
is in range of
fashionBrandRelatedTo[op], isRelatedToByEvent[op], isRelatedToByFashionTrend[op]

Suit[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Suit

Suits

has super-classes
Clothing[c]

Top[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Top

Tops

has super-classes
Clothing[c]

Trousers[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Trousers

Trouser

has super-classes
Clothing[c]
has sub-classes

RegularFitTrousers[c], SkinnyFitTrousers[c], SlimFitTrousers[c]

TShirt[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#TShirt

TShirts

has super-classes
Clothing[c]

Wedding[c]

back to ToC or Class ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Wedding

Weddings

has super-classes
FormalEvents[c]

Object Properties

associatedWithFashionTrend belongsTo bodyShapeHasSuitableClothingForDressing browsingHistoryUtilizedBy budgetDetailsUtilizedBy dbp:dressSize dressingCodeHasSuitableClothingForDressing eventHasSuitableClothingForDressing fashionBrandRelatedTo generatesRecommendationsFor hasBelonging hasColour hasPart hasRecommendedDress hasRelatedEvent hasShape hasSize hasTexture influencedBy influencedByBrowsingHistory influences influencesPreferences influencesStylingChoicesFor isAssociatedWithByFashionTrend isColourOf isDressSizeOf isManufacteredBy isPartOf isRelatedEventOf isRelatedToByEvent isRelatedToByFashionTrend isSizeOf isSuitableForDressingCode isSuitableToBeDressedAtEvent isSuitableToBeDressedByBodyShape isSuitableToBeDressedInSeason isSuitableToBeDressedOnWeather isTextureOf manufactures outfitPlanningRequiredBy relatedToEvent relatedToFashionBrand relatedToFashionTrend requiresOutfitPlanning seasonHasSuitableClothingForDressing shapeOf stylingChoicesinfluencedBy suitableForBodyShape usedInRecommendation useRecommendationsgeneratedBy useToDoRecommendation utilizesBrowsingHistory utilizesBudgetDetails weatherHasSuitableClothingForDressing

associatedWithFashionTrend[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#associatedWithFashionTrend

associatedWithFashionTrends

has domain
dbo:Colour[c] **or** AgeGroup[c]
has range
FashionTrend[c]
is inverse of
isAssociatedWithByFashionTrend[op]

belongsTo[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#belongsTo

belongsToo

has domain
Person[c]
has range
AgeGroup[c]
is inverse of
hasBelonging[op]

bodyShapeHasSuitableClothingForDressing[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#bodyShapeHasSuitableClothingForDressing

This property specifies the clothing item(s) that is/are suitable for a particular body shape.

has domain
BodyShape[c]
has range
Clothing[c]
is inverse of
isSuitableToBeDressedByBodyShape[op]

browsingHistoryUtilizedBy[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#browsingHistoryUtilizedBy

browsingHistoryUtilizedByy

has domain
BrowsingHistory[c]
has range
RecommendationSystem[c]
is inverse of
utilizesBrowsingHistory[op]

budgetDetailsUtilizedBy[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#budgetDetailsUtilizedBy

budgetDetailsUtilizedByy

has domain
- Budget[c]

has range
- RecommendationSystem[c]

is inverse of
- utilizesBudgetDetails[op]

dbp:dressSize[op]

back to ToC or Object Property ToC

IRI: http://dbpedia.org/property/dressSize

dbp:dressSizes

has super-properties
- hasSize[op]

has domain
- Dress[c]

has range
- dbpedia:Clothing_sizes[c]

is inverse of
- isDressSizeOf[op]

dressingCodeHasSuitableClothingForDressing[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#dressingCodeHasSuitableClothingForDressing

This property specifies the clothing item(s) that is/are suitable for a particular dressing code.

has domain
- dbpedia:Dress_code[c]

has range
- Clothing[c]

is inverse of
- isSuitableForDressingCode[op]

eventHasSuitableClothingForDressing[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#eventHasSuitableClothingForDressing

This property specifies the clothing item(s) that is/are suitable for a particular event.

has domain
- dbo:Event[c]

has range
- Clothing[c]

is inverse of
- isSuitableToBeDressedAtEvent[op]

fashionBrandRelatedTo[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#fashionBrandRelatedTo

fashionBrandRelated

has super-properties
- shapeOf[op]

has domain
- FashionBrand[c]

has range
- StylingTips[c]

is inverse of
- relatedToFashionBrand[op]

generatesRecommendationsFor[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#generatesRecommendationsFor

generatesRecommendationsForr

has domain
- RecommendationSystem[c]

has range
- Person[c]

is inverse of
- useRecommendationsgeneratedBy[op]

hasBelonging[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#hasBelonging

hasBelongingg

has domain
AgeGroup[c]
has range
Person[c]
is inverse of
belongsTo[op]

hasColour[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#hasColour

hasColourr

has domain
Clothing[c]
has range
dbo:Colour[c]
is inverse of
isColourOf[op]

hasPart[op]

back to ToC or Object Property ToC

IRI: http://www.ontologydesignpatterns.org/cp/owl/partof.owl#hasPart

hasPartt

has domain
Dress[c]
has range
Clothing[c]
is inverse of
isPartOf[op]

hasRecommendedDress[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#hasRecommendedDress

hasRecommendedDresses

has domain
BodyShape[c]
has range
Dress[c]
is inverse of
suitableForBodyShape[op]

hasRelatedEvent[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#hasRelatedEvent

hasRelatedEvents

has domain
Dress[c]
has range
dbo:Event[c]
is inverse of
isRelatedEventOf[op]

hasShape[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#hasShape

hasShapes

has domain
Dress[c]
has range
dbpedia:Shape[c]
is inverse of
shapeOf[op]

hasSize[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#hasSize

This property specifies the size of a particular clothing item.

has characteristics : functional

has sub-properties
dbp:dressSize[op], isDressSizeOf[op]
has domain
Clothing[c]
has range
dbpedia:Clothing_sizes[c]
is inverse of
isSizeOf[op]

hasTexture[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#hasTexture

Specifies the texture of the clothing item.

has domain
Clothing[c]
has range
ClothingTexture[c]
is inverse of
isTextureOf[op]

influencedBy[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#influencedBy

influencedByy

has domain
dbo:Event[c] **or** Clothing[c]
has range
FashionTrend[c]
is inverse of
influences[op]

influencedByBrowsingHistory[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#influencedByBrowsingHistory

influencedByBrowsingHistoryy

has domain
Preference[c]
has range
BrowsingHistory[c]
is inverse of
influencesPreferences[op]

influences[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#influences

influencess

has domain
FashionTrend[c]
has range
dbo:Event[c] **or** Clothing[c]
is inverse of
influencedBy[op]

influencesPreferences[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#influencesPreferences

influencesPreferencess

has domain
BrowsingHistory[c]
has range
Preference[c]
is inverse of
influencedByBrowsingHistory[op]

influencesStylingChoicesFor[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#influencesStylingChoicesFor

influencesStylingChoicesForr

has domain
Budget[c]
has range
dbo:Event[c]

dbo:Event[c]

is inverse of

stylingChoicesinfluencedBy[op]

isAssociatedWithByFashionTrend[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#isAssociatedWithByFashionTrend

isAssociatedWithByFashionTrendd

has domain

FashionTrend[c]

has range

dbo:Colour[c] **or** AgeGroup[c]

is inverse of

associatedWithFashionTrend[op]

isColourOf[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#isColourOf

isColourOff

has domain

dbo:Colour[c]

has range

Clothing[c]

is inverse of

hasColour[op]

isDressSizeOf[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#isDressSizeOf

isDressSizeOff

has super-properties

hasSize[op]

has domain

dbpedia:Clothing_sizes[c]

has range

Dress[c]

is inverse of

dbp:dressSize[op]

isManufacteredBy[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#isManufacteredBy

isManufacteredByy

has characteristics : functional, asymmetric

has domain

Clothing[c]

has range

FashionBrand[c]

is inverse of

manufactures[op]

isPartOf[op]

back to ToC or Object Property ToC

IRI: http://www.ontologydesignpatterns.org/cp/owl/partof.owl#isPartOf

isPartOff

has domain

Clothing[c]

has range

Dress[c]

is inverse of

hasPart[op]

isRelatedEventOf[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#isRelatedEventOf

isRelatedEventOff

has domain

dbo:Event[c]

has range

Dress[c]

is inverse of

hasRelatedEvent[op]

isRelatedToByEvent[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#isRelatedToByEvent

isRelatedToByEvents

has domain
dbo:Event[c]
has range
StylingTips[c]
is inverse of
relatedToEvent[op]

isRelatedToByFashionTrend[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#isRelatedToByFashionTrend

isRelatedToByFashionTrends

has domain
FashionTrend[c]
has range
StylingTips[c]
is inverse of
relatedToFashionTrend[op]

isSizeOf[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#isSizeOf

isSizeOff

has domain
dbpedia:Clothing_sizes[c]
has range
Clothing[c]
is inverse of
hasSize[op]

isSuitableForDressingCode[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#isSuitableForDressingCode

This property specifis the dressing code for which a particular clothing item and/or class is/are suitable for.

has domain
Clothing[c]
has range
dbpedia:Dress_code[c]
is inverse of
dressingCodeHasSuitableClothingForDressing[op]

isSuitableToBeDressedAtEvent[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#isSuitableToBeDressedAtEvent

This property specifies the Event for which a particular clothing item and/or class is/are suitable for.

has domain
Clothing[c]
has range
dbo:Event[c]
is inverse of
eventHasSuitableClothingForDressing[op]

isSuitableToBeDressedByBodyShape[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#isSuitableToBeDressedByBodyShape

Stipulates for which body shape a particular clothing item and/or class is/are suitable for.

has domain
Clothing[c]
has range
BodyShape[c]
is inverse of
bodyShapeHasSuitableClothingForDressing[op]

isSuitableToBeDressedInSeason[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#isSuitableToBeDressedInSeason

This property specifies the season for which a particular clothing item and/or class is/are suitable for.

has domain
Clothing[c]
has range
dbpedia:Season[c]
is inverse of
seasonHasSuitableClothingForDressing[op]

isSuitableToBeDressedOnWeather[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#isSuitableToBeDressedOnWeather

This property specifis the weather conditions for which a particular clothing item and/or class is/are suitable for.

has domain
Clothing[c]
has range
dbpedia:Weather[c]
is inverse of
weatherHasSuitableClothingForDressing[op]

isTextureOf[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#isTextureOf

isTextureOff

has domain
ClothingTexture[c]
has range
Clothing[c]
is inverse of
hasTexture[op]

manufactures[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#manufactures

manufacture

has domain
FashionBrand[c]
has range
Clothing[c]
is inverse of
isManufacteredBy[op]

outfitPlanningRequiredBy[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#outfitPlanningRequiredBy

outfitPlanningRequired

has domain
OutfitPlanning[c]
has range
Person[c]
is inverse of
requiresOutfitPlanning[op]

relatedToEvent[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#relatedToEvent

relatedToEvents

has domain
StylingTips[c]
has range
dbo:Event[c]
is inverse of
isRelatedToByEvent[op]

relatedToFashionBrand[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#relatedToFashionBrand

relatedToFashionBrands

has domain
StylingTips[c]
has range
FashionBrand[c]

is inverse of
fashionBrandRelatedTo[op]

relatedToFashionTrend[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#relatedToFashionTrend

relatedToFashionTrends

has domain
StylingTips[c]
has range
FashionTrend[c]
is inverse of
isRelatedToByFashionTrend[op]

requiresOutfitPlanning[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#requiresOutfitPlanning

requiresOutfitPlannings

has domain
Person[c]
has range
OutfitPlanning[c]
is inverse of
outfitPlanningRequiredBy[op]

seasonHasSuitableClothingForDressing[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#seasonHasSuitableClothingForDressing

This property specifies the clothing item(s) that is/are suitable for a particular season.

has domain
dbpedia:Season[c]
has range
Clothing[c]
is inverse of
isSuitableToBeDressedInSeason[op]

shapeOf[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#shapeOf

shapesOf

has sub-properties
fashionBrandRelatedTo[op]
has domain
dbpedia:Shape[c]
has range
Dress[c]
is inverse of
hasShape[op]

stylingChoicesinfluencedBy[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#stylingChoicesinfluencedBy

stylingChoicesinfluence

has domain
dbo:Event[c]
has range
Budget[c]
is inverse of
influencesStylingChoicesFor[op]

suitableForBodyShape[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#suitableForBodyShape

suitableForBodyShapes

has domain
Dress[c]
has range
BodyShape[c]
is inverse of
hasRecommendedDress[op]

usedInRecommendation[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#usedInRecommendation

usedInRecommendations

has domain
BrowsingHistory[c] **or** Preference[c]
has range
RecommendationSystem[c]
is inverse of
useToDoRecommendation[op]

useRecommendationsgeneratedBy[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#useRecommendationsgeneratedBy

useRecommendationsgeneratedByy

has domain
Person[c]
has range
RecommendationSystem[c]
is inverse of
generatesRecommendationsFor[op]

useToDoRecommendation[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#useToDoRecommendation

useToDoRecommendations

has domain
RecommendationSystem[c]
has range
BrowsingHistory[c] **or** Preference[c]
is inverse of
usedInRecommendation[op]

utilizesBrowsingHistory[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#utilizesBrowsingHistory

utilizesBrowsingHistorys

has domain
RecommendationSystem[c]
has range
BrowsingHistory[c]
is inverse of
browsingHistoryUtilizedBy[op]

utilizesBudgetDetails[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#utilizesBudgetDetails

utilizesBudgetDetail

has domain
RecommendationSystem[c]
has range
Budget[c]
is inverse of
budgetDetailsUtilizedBy[op]

weatherHasSuitableClothingForDressing[op]

back to ToC or Object Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#weatherHasSuitableClothingForDressing

This property specifies the clothing item(s) that is/are suitable for a particular weather condition.

has domain
dbpedia:Weather[c]
has range
Clothing[c]
is inverse of
isSuitableToBeDressedOnWeather[op]

Data Properties

algorithmUsed amount budgetRange colorName currency duration eventDescription eventName eventVenu familyName fashionBrandName fashionTrendName hasBrand hasDetail hasLength hasStyle maxAge minAge performanceMetrics personalStyle seasonDuration seasonName stylingTipsDescription timeStamp visitedPages weatherName

algorithmUsed[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#algorithmUsed

algorithmUse

has domain
RecommendationSystem[c]
has range
string

amount[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#amount

amounts

has domain
Budget[c]
has range
float

budgetRange[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#budgetRange

budgetRanges

has domain
OutfitPlanning[c]
has range
string

colorName[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#colorName

colorNames

has domain
dbo:Colour[c]
has range
string

currency[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#currency

currencys

has domain
Budget[c]
has range
string

duration[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#duration

durations

has domain
BrowsingHistory[c]
has range
string

eventDescription[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#eventDescription

eventDescriptions

has domain
OutfitPlanning[c]
has range
string

eventName[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#eventName

eventNames

has domain
dbo:Event[c]
has range

string

eventVenu[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#eventVenu

eventVenus

has domain
dbo:Event[c]
has range
string

familyName[dp]

back to ToC or Data Property ToC

IRI: https://schema.org/Person#familyName

familyNames

has domain
Person[c]
has range
string

fashionBrandName[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#fashionBrandName

fashionBrandNames

has domain
FashionBrand[c]
has range
string

fashionTrendName[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#fashionTrendName

fashionTrendNames

has domain
FashionTrend[c]
has range
string

hasBrand[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#hasBrand

hasBrands

has domain
Dress[c]
has range
string

hasDetail[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#hasDetail

hasDetails

has domain
Dress[c]
has range
string

hasLength[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#hasLength

hasLengths

has domain
Dress[c]
has range
string

hasStyle[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#hasStyle

hasStyles

has domain
Dress[c]

has range
string

maxAge[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#maxAge

maxAges

has domain
AgeGroup[c]
has range
integer

minAge[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#minAge

minAges

has domain
AgeGroup[c]
has range
integer

performanceMetrics[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#performanceMetrics

performanceMetricss

has domain
RecommendationSystem[c]
has range
string

personalStyle[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#personalStyle

personalStyles

has domain
Preference[c]
has range
string

seasonDuration[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#seasonDuration

seasonDurations

has domain
dbpedia:Season[c]
has range
float

seasonName[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#seasonName

seasonNames

has domain
dbpedia:Season[c]
has range
string

stylingTipsDescription[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#stylingTipsDescription

stylingTipsDescriptions

has domain
StylingTips[c]
has range
string

timeStamp[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#timeStamp

timeStamps

has domain

BrowsingHistory[c]

has range

string

visitedPages[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#visitedPages

visitedPagess

has domain

BrowsingHistory[c]

has range

string

weatherName[dp]

back to ToC or Data Property ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#weatherName

weatherNames

has domain

dbpedia:Weather[c]

has range

string

Named Individuals

age group1 body shape1 browsing history1 budget1 clothing1 colour1 dress code1 dress1 event1 fashion brand1 fashion trend1 outfit planning1 person1 preference1 recommendation system1 season1 season2 season3 season4 styling tips1 weather1 weather2

age group1[ni]

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#AgeGroup1

has facts

maxAge[dp] *"50"^^decimal*

minAge[dp] *"15"^^decimal*

body shape1[ni]

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#BodyShape1

has facts

bodyShapeHasSuitableClothingForDressing[op] clothing1

browsing history1[ni]

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#BrowsingHistory1

has facts

browsingHistoryUtilizedBy[op] recommendation system1

influencesPreferences[op] preference1

usedInRecommendation[op] recommendation system1

duration[dp] *"5 mints"*

timeStamp[dp] *"23:23:2024"*

visitedPages[dp] *"Page1 of J. Page 2 of Saya"*

budget1[ni]

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Budget1

has facts

budgetDetailsUtilizedBy[op] recommendation system1

influencesStylingChoicesFor[op] event1

amount[dp] *"5000.0"^^float*

currency[dp] *"Rupees"*

clothing1[ni]

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Clothing1

has facts

isPartOf[op] dress1

hasColour[op] colour1

hasSize[op] clothing size1

hasTexture[op] clothing texture1

influencedBy[op] fashion trend1

isManufacteredBy[op] fashion brand1

isSuitableForDressingCode^op dress code1
isSuitableToBeDressedAtEvent^op event1
isSuitableToBeDressedByBodyShape^op body shape1
isSuitableToBeDressedInSeason^op season2
isSuitableToBeDressedOnWeather^op weather2

colour1^ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Colour1

has facts

associatedWithFashionTrend^op fashion trend1
colorName^dp *"Red"*

dress code1^ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#DressCode1

has facts

dressingCodeHasSuitableClothingForDressing^op clothing1

dress1^ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Dress1

has facts

dbp:dressSize^op clothing size1
hasPart^op clothing1
hasRelatedEvent^op event1
hasBrand^dp *"Sana Safinas"*
hasDetail^dp *"Qameez Shalwar"*
hasLength^dp *"Knee-Length"*
hasStyle^dp *"Casual"*

event1^ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Event1

has facts

eventHasSuitableClothingForDressing^op clothing1
influencedBy^op fashion trend1
stylingChoicesinfluencedBy^op budget1
eventName^dp *"Wedding"*
eventVenu^dp *"CharMinar Sgd"*

fashion brand1^ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#FashionBrand1

has facts

fashionBrandName^dp *"Sana Safinas"*

fashion trend1^ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#FashionTrend1

has facts

influences^op clothing1
influences^op event1
fashionTrendName^dp *"Shorts"*

outfit planning1^ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#OutfitPlanning1

has facts

outfitPlanningRequiredBy^op person1
budgetRange^dp *"5000 to 10000"*
eventDescription^dp *"Formal Dinner"*

person1^ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Person1

has facts

belongsTo^op age group1
requiresOutfitPlanning^op outfit planning1
useRecommendationsgeneratedBy^op recommendation system1
familyName^dp *"Smith"*

familyName " Smith

preference1 ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Preference1

has facts

- influencedByBrowsingHistory op browsing history1
- usedInRecommendation op recommendation system1
- personalStyle dp *"Traditional Eastern Dress"*

recommendation system1 ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#RecommendationSystem1

has facts

- generatesRecommendationsFor op person1
- useToDoRecommendation op browsing history1
- useToDoRecommendation op preference1
- utilizesBrowsingHistory op browsing history1
- utilizesBudgetDetails op budget1
- algorithmUsed dp *"Collaborative Filtering"*
- performanceMetrics dp *"Perfect Matching"*

season1 ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Season1

has facts

- seasonName dp *"Summer"*

season2 ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Season2

has facts

- seasonHasSuitableClothingForDressing op clothing1
- seasonDuration dp *"5.4"^^float*
- seasonName dp *"Winter"*

season3 ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Season3

has facts

- seasonName dp *"Autumn"*

season4 ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Season4

has facts

- seasonName dp *"Spring"*

styling tips1 ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#StylingTips1

has facts

- relatedToEvent op event1
- relatedToFashionBrand op fashion brand1
- relatedToFashionTrend op fashion trend1
- stylingTipsDescription dp *"Use Contrast colors in dress"*

weather1 ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Weather1

has facts

- weatherName dp *"Sunny"*

weather2 ni

back to ToC or Named Individual ToC

IRI: http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#Weather2

has facts

- weatherHasSuitableClothingForDressing op clothing1
- weatherName dp *"Rainy"*

Annotation Properties

bibliographic citation | comment | contributor | creator | date | domain | note | thumbnail

bibliographic citation[ap]

back to ToC or Annotation Property ToC

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

comment[ap]

back to ToC or Annotation Property ToC

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

contributor[ap]

back to ToC or Annotation Property ToC

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

creator[ap]

back to ToC or Annotation Property ToC

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

date[ap]

back to ToC or Annotation Property ToC

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

domain[ap]

back to ToC or Annotation Property ToC

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

note[ap]

back to ToC or Annotation Property ToC

IRI: http://rdfs.org/sioc/ns#note

thumbnail[ap]

back to ToC or Annotation Property ToC

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

Namespace Declarations

back to ToC

default namespace
http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#

02
http://www.semanticweb.org/ontologies/2015/02/

Person
https://schema.org/Person#

dbo
http://dbpedia.org/ontology/

dbp
http://dbpedia.org/property/

dbr
http://dbpedia.org/resource/

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

gr
http://purl.org/goodrelations/v1#

muto
http://purl.org/muto/core#

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

owl2xml
http://www.w3.org/2006/12/owl2-xml#

partOf
http://www.ontologydesignpatterns.org/cp/owl/partof.owl#

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

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

sc
http://www.semanticweb.org/ontologies/2015/02/semcloth.owl#

sioc
http://rdfs.org/sioc/ns#

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