IRI:
http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15

Other visualisation:
Ontology source

Table of Content

Classes

address   bathroom   city   conditioner   dishwasher   fridge   garbage chute   house number   kitchen   lift   link   name of complex   parking   phone   repair   rooms   router   shower room   street   t v   type house   washer   windows

---

address^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Address

---

has sub-classes
    city^C, house number^C, street^C

is in domain of
    consists city^{op}, consists num^{op}, consists street^{op}

is in range of
    has address^{op}

is disjoint with
    metro^c

---

bathroom^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Bathroom

---

has super-classes
    furniture^c

is in range of
    has furniture bathroom^{op}, is furniture in^{op}

is disjoint with
    kitchen^c, rooms^c, shower room^c

city^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#City

---

has super-classes
> address^C

is in range of
> consists city^{op}

is disjoint with
> house number^C, street^C

---

conditioner^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Conditioner

---

has super-classes
> appliances^C

is in range of
> is device^{op}

is disjoint with
> dishwasher^C, fridge^C, router^C, t v^C, washer^C

---

dishwasher^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Dishwasher

---

has super-classes
> appliances^C

is in range of
> has dish washer^{op}, is device^{op}

is disjoint with
> conditioner^C, fridge^C, router^C, t v^C, washer^C

---

fridge^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Fridge

---

has super-classes
> appliances^C

is in range of
> has fridge^{op}, is device^{op}

is disjoint with
> conditioner^C, dishwasher^C, router^C, t v^C, washer^C

garbage chute^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#GarbageChute

has super-classes
house parameters^C

is disjoint with
lift^C, name of complex^C, parking^C, type house^C

house number^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#HouseNumber

has super-classes
address^C

is in range of
consists num^{op}

is disjoint with
city^C, street^C

kitchen^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Kitchen

has super-classes
furniture^C

is in range of
has furniture kitchen^{op}, is furniture in^{op}

is disjoint with
bathroom^C, rooms^C, shower room^C

lift^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Lift

has super-classes
house parameters^C

is disjoint with
garbage chute^C, name of complex^C, parking^C, type house^C

link^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Link

has super-classes
contacts^C
is in range of
contact by^{op}
is disjoint with
phone^C

name of complex^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#NameOfComplex

has super-classes
house parameters^C
is disjoint with
garbage chute^C, lift^C, parking^C, type house^C

parking^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Parking

has super-classes
house parameters^C
is in range of
has park^{op}
is disjoint with
garbage chute^C, lift^C, name of complex^C, type house^C

phone^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Phone

has super-classes
contacts^C
is in range of
contact by^{op}
is disjoint with
link^C

repair^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Repair

has super-classes

apartment parameters^C

rooms^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Rooms

has super-classes
furniture^C

is in range of
has furniture rooms^{op}, is furniture in^{op}

is disjoint with
bathroom^C, kitchen^C, shower room^C

router^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Router

has super-classes
appliances^C

is in range of
has router^{op}, is device^{op}

is disjoint with
conditioner^C, dishwasher^C, fridge^C, t v^C, washer^C

shower room^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#ShowerRoom

has super-classes
furniture^C

is in range of
has furniture shower^{op}, is furniture in^{op}

is disjoint with
bathroom^C, kitchen^C, rooms^C

street^C

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Street

has super-classes
address^C

is in range of
consists street^{op}

is disjoint with
city^c, house number^c

---

t v^c

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#TV

has super-classes
appliances^c
is in range of
has t v^{op}, is device^{op}
is disjoint with
conditioner^c, dishwasher^c, fridge^c, router^c, washer^c

---

type house^c

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#TypeHouse

has super-classes
house parameters^c
is disjoint with
garbage chute^c, lift^c, name of complex^c, parking^c

---

washer^c

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Washer

has super-classes
appliances^c
is in range of
has washer^{op}, is device^{op}
is disjoint with
conditioner^c, dishwasher^c, fridge^c, router^c, t v^c

---

windows^c

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Windows

has super-classes
apartment parameters^c

Object Properties

apartment property^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#ApartmentProperty

---

has super-properties
    top object property
has sub-properties
    has_apart_parameters^{op}, has_furniture_bathroom^{op}, has_furniture_kitchen^{op}, has_furniture_rooms^{op}, has_furniture_shower^{op}, has_house_parameters^{op}, is_device^{op}, is_furniture_in^{op}

---

consists city^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#consistsCity

---

has super-properties
    top object property
has domain
    address^c
has range
    city^c

---

consists num^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#consistsNum

---

has super-properties
    top object property
has domain
    address^c
has range
    house number^c

---

consists street^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#consistsStreet

has super-properties
    top object property
has domain
    address^C
has range
    street^C

contact by^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#contactBy

has super-properties
    top object property
has domain
    apartment^C
has range
    contacts^C
    link^C
    phone^C

has address^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasAddress

has super-properties
    top object property
has domain
    apartment^C
has range
    address^C

has apart parameters^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasApartParameters

has super-properties
    apartment property^{op}
has domain
    apartment^C
has range
    apartment parameters^C

has appliances^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasAppliances

has super-properties
top object property

has domain
apartment^c

has range
appliances^c

has complex^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasComplex

has super-properties
top object property

has currency^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasCurrency

has domain
price^c

has dish washer^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasDishWasher

has super-properties
top object property

has domain
appliances^c

has range
dishwasher^c

has fridge^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasFridge

has super-properties
top object property

has domain
appliances^c

has range

fridge^c

---

has furniture^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasFurniture

has domain
> apartment^c

has range
> furniture^c

---

has furniture bathroom^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasFurnitureBathroom

has super-properties
> apartment property^{op}

has domain
> apartment^c

has range
> bathroom^c

---

has furniture kitchen^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasFurnitureKitchen

has super-properties
> apartment property^{op}

has domain
> apartment^c

has range
> kitchen^c

---

has furniture rooms^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasFurnitureRooms

has super-properties
> apartment property^{op}

has domain
> apartment^c

has range
> rooms^c

has furniture shower^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasFurnitureShower

has super-properties
> apartment property^{op}

has domain
> apartment^c

has range
> shower room^c

has house parameters^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasHouseParameters

has super-properties
> apartment property^{op}

has domain
> apartment^c

has range
> house parameters^c

has link^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasLink

has super-properties
> top object property

has range
> contacts^c

has park^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasPark

has super-properties
> top object property

has domain
> apartment^c

has range
> parking^c

has price^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasPrice

has domain
apartment^c

has range
price^c

has router^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasRouter

has super-properties
top object property

has domain
appliances^c

has range
router^c

has t v^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasTV

has super-properties
top object property

has domain
appliances^c

has range
t v^c

has washer^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#hasWasher

has super-properties
top object property

has domain
appliances^c

has range
washer^c

is device^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#isDevice

---

has super-properties

apartment property^{op}

has domain

appliances^c

has range

conditioner^c

dishwasher^c

fridge^c

router^c

t v^c

washer^c

---

is furniture in^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#isFurnitureIn

---

has super-properties

apartment property^{op}

has domain

furniture^c

has range

bathroom^c

kitchen^c

rooms^c

shower room^c

---

next to metro^{op}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#nextToMetro

---

has domain

apartment^c

has range

metro^c

Data Properties

bills   deposit   distance   floor   num balcony   num floor   num fre lift   num loggia   num pass lift   num room   possible animal   possible child   rental   square   time to metro   way to metro

bills^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Bills

has super-properties
  top data property
has domain
  price^c
has range
  float

deposit^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Deposit

has super-properties
  top data property
has domain
  price^c
has range
  float

distance^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Distance

has domain
  apartment^c
has range
  float

floor^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Floor

has super-properties
  top data property
has domain
  apartment^c
has range
  int

num balcony^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#NumBalcony

has domain
apartment parameters^c

has range
int

num floor^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#NumFloor

has domain
house parameters^c

has range
int

num fre lift^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#NumFreLift

has domain
house parameters^c

has range
int

num loggia^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#NumLoggia

has domain
apartment parameters^c

has range
int

num pass lift^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#NumPassLift

has domain
house parameters^c

has range
int

num room^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#NumRoom

has domain
apartment^c

has range
int

possible animal^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#PossibleAnimal

has super-properties
top data property

has domain
apartment parameters^c

has range
boolean

possible child^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#PossibleChild

has super-properties
top data property

has domain
apartment parameters^c

has range
boolean

rental^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Rental

has super-properties
top data property

has domain
price^c

has range
float

square^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#Square

has domain
apartment^c
has range
float

---

time to metro^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#TimeToMetro

has domain
apartment^c
has range
int

---

way to metro^{dp}

IRI: http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#WayToMetro

has domain
apartment^c
has range
string

General Axioms

All Disjoint Classes

conditioner^c, dishwasher^c, fridge^c, router^c, t v^c, washer^c

All Disjoint Classes

garbage chute^c, lift^c, name of complex^c, parking^c, type house^c

All Disjoint Classes

city^c, house number^c, street^c

All Disjoint Classes

[bathroom](#)^c, [kitchen](#)^c, [rooms](#)^c, [shower room](#)^c

Namespace Declarations

default namespace
  http://www.semanticweb.org/asususer/ontologies/2021/3/untitled-ontology-15#

3
  http://www.semanticweb.org/asususer/ontologies/2021/3/

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

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

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

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