Circular Economy Ontology Network (CEON) - Location Module

Metadata

IRI

http://w3id.org/CEON/ontology/location/

<u>Title</u>

Circular Economy Ontology Network (CEON) - Location Module

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<u>Date Created</u>

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<u>License</u>

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<u>Version Iri</u>

http://w3id.org/CEON/ontology/location/0.1/

<u>Version Info</u>

0.1

<u>Preferred Namespace Prefix</u>

location

<u>Preferred Namespace Uri</u>

http://w3id.org/CEON/ontoloy/location/

<u>Description</u>

A module the CEON ontology network, defining aspects of the location concept.

<u>Covers Requirements</u>

Covers the following requirements from Onto-DESIDE D3.2: CE3-3

Classes

Location [c]

IRI	http://w3id.org/CEON/ontology/location/Location
Sub Class Of	Geometry [c]
In Range Of	hasLocation [op]

Geometry ^c

IRI	http://www.opengis.net/ont/geosparql#Geometry
Description	A coherent set of direct positions in space. The positions are held within a Spatial Reference System (SRS).
In Domain Of	as GML ^{dp} as GeoJSON ^{dp} as WKT ^{dp}
Super Class Of	Location ^c

Object Properties

has location ^{op}

IRI	http://w3id.org/CEON/ontology/location/hasLocation
Range	Location ^c

Datatype Properties

has city ^{dp}

IRI	http://w3id.org/CEON/ontology/location/hasCity
Range	xsd:string

has country code ^{dp}

IRI	http://w3id.org/CEON/ontology/location/hasCountryCode
Range	xsd:string

has postal code ^{dp}

IRI	http://w3id.org/CEON/ontology/location/hasPostalCode
Range	xsd:string

has street ^{dp}

IRI	http://w3id.org/CEON/ontology/location/hasStreet
Range	xsd:string

as GML ^{dp}

IRI	`http://www.opengis.net/ont/geosparql#asGML`
Is Defined By	http://www.opengis.net/spec/geosparql/1.0/req/geometry-extension/geometry-as-wkt-literal
Description	The GML serialization of a Geometry.
Domain	Geometry ^c
Range	geo:gmlLiteral

as GeoJSON ^{dp}

IRI	`http://www.opengis.net/ont/geosparql#asGeoJSON`
Is Defined By	http://www.opengis.net/spec/geosparql/1.0/req/geometry-extension/geometry-as-wkt-literal
Description	The GeoJSON serialization of a Geometry.
Domain	Geometry ^c
Range	geo:geoJSONLiteral

as WKT ^{dp}

IRI	`http://www.opengis.net/ont/geosparql#asWKT`
Is Defined By	http://www.opengis.net/spec/geosparql/1.0/req/geometry-extension/geometry-as-wkt-literal
Description	The WKT serialization of a Geometry.
Domain	Geometry ^c
Range	geo:wktLiteral

Annotation Properties

contributor ^{ap}

IRI	`http://purl.org/dc/terms/contributor`

created ^{ap}

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

creator ^{ap}

IRI	`http://purl.org/dc/terms/creator`

description ^{ap}

IRI   `http://purl.org/dc/terms/description`

license ^{ap}

IRI   `http://purl.org/dc/terms/license`

title ^{ap}

IRI   `http://purl.org/dc/terms/title`

preferred namespace prefix ^{ap}

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

preferred namespace uri ^{ap}

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

covers requirements ^{ap}

IRI   `http://www.ontologydesignpatterns.org/schemas/cpannotation schema.owl#coversRequirements`

definition ^{ap}

IRI   `http://www.w3.org/2004/02/skos/core#definition`

pref label ^{ap}

IRI   `http://www.w3.org/2004/02/skos/core#prefLabel`

Namespaces

:

     `http://w3id.org/CEON/ontology/location/`

dcterms

     `http://purl.org/dc/terms/`

geo

     `http://www.opengis.net/ont/geosparql#`

odp

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

owl

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

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#

skos

     http://www.w3.org/2004/02/skos/core#

vann

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

xsd

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

Legend

c	Classes
op	Object Properties
dp	Datatype Properties
ap	Annotation Properties