

# Circular Economy Ontology Network (CEON) - Actor ODP

## Metadata

### IRI

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

### Title

Circular Economy Ontology Network  
(CEON) - Actor ODP

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### License

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### Version Iri

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

### Version Info

0.1

### Preferred Namespace Prefix

location

### Preferred Namespace Uri

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

### Description

A core ODP of the CEON ontology network,  
defining aspects of the actor concept.

### Covers Requirements

Covers the following requirements from  
Onto-DESIDE D3.1: CE3-3

## Classes

### Location<sup>c</sup>

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<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/location/Location">http://w3id.org/CEON/ontology/location/Location</a>
<b><u>Sub Class Of</u></b>	<a href="#"><u>Geometry<sup>c</sup></u></a>
<b><u>In Range Of</u></b>	<a href="#"><u>hasLocation<sup>op</sup></u></a>

### Geometry<sup>c</sup>

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

## Object Properties

has location <sup>op</sup>	
IRI	<a href="http://w3id.org/CEON/ontology/location/hasLocation">http://w3id.org/CEON/ontology/location/hasLocation</a>
<u>Range</u>	<a href="#"><u>Location</u></a> <sup>c</sup>

## Datatype Properties

has city <sup>dp</sup>	
IRI	<a href="http://w3id.org/CEON/ontology/location/hasCity">http://w3id.org/CEON/ontology/location/hasCity</a>
<u>Range</u>	<a href="#"><u>xsd:string</u></a>

has country code <sup>dp</sup>	
IRI	<a href="http://w3id.org/CEON/ontology/location/hasCountryCode">http://w3id.org/CEON/ontology/location/hasCountryCode</a>
<u>Range</u>	<a href="#"><u>xsd:string</u></a>

has postal code <sup>dp</sup>	
IRI	<a href="http://w3id.org/CEON/ontology/location/hasPostalCode">http://w3id.org/CEON/ontology/location/hasPostalCode</a>
<u>Range</u>	<a href="#"><u>xsd:string</u></a>

has street<sup>dp</sup>

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**IRI** <http://w3id.org/CEON/ontology/location/hasStreet>

**Range** [xsd:string](#)

as GML<sup>dp</sup>

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**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<sup>c</sup>](#)

**Range** [geo:gmlLiteral](#)

## as GeoJSON<sup>dp</sup>

<b>IRI</b>	<a href="http://www.opengis.net/ont/geosparql#asGeoJSON">http://www.opengis.net/ont/geosparql#asGeoJSON</a>
<b><u>Is Defined By</u></b>	<a href="http://www.opengis.net/spec/geosparql/1.0/req/geometry-extension/geometry-as-wkt-literal">http://www.opengis.net/spec/geosparql/1.0/req/geometry-extension/geometry-as-wkt-literal</a>
<b><u>Description</u></b>	The GeoJSON serialization of a Geometry.
<b><u>Domain</u></b>	<a href="#">Geometry</a> <sup>C</sup>
<b><u>Range</u></b>	<a href="#">geo:geoJSONLiteral</a>

## as WKT<sup>dp</sup>

<b>IRI</b>	<a href="http://www.opengis.net/ont/geosparql#asWKT">http://www.opengis.net/ont/geosparql#asWKT</a>
<b><u>Is Defined By</u></b>	<a href="http://www.opengis.net/spec/geosparql/1.0/req/geometry-extension/geometry-as-wkt-literal">http://www.opengis.net/spec/geosparql/1.0/req/geometry-extension/geometry-as-wkt-literal</a>
<b><u>Description</u></b>	The WKT serialization of a Geometry.
<b><u>Domain</u></b>	<a href="#">Geometry</a> <sup>C</sup>
<b><u>Range</u></b>	<a href="#">geo:wktLiteral</a>

## Annotation Properties

contributor<sup>ap</sup>

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**IRI** <http://purl.org/dc/terms/contributor>

created<sup>ap</sup>

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**IRI** <http://purl.org/dc/terms/created>

creator<sup>ap</sup>

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**IRI** <http://purl.org/dc/terms/creator>

description<sup>ap</sup>

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**IRI** <http://purl.org/dc/terms/description>

license<sup>ap</sup>

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**IRI** <http://purl.org/dc/terms/license>

title<sup>ap</sup>

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**IRI** <http://purl.org/dc/terms/title>

preferred namespace prefix <sup>ap</sup>	
IRI	<a href="http://purl.org/vocab/vann/preferredNamespacePrefix">http://purl.org/vocab/vann/preferredNamespacePrefix</a>
preferred namespace uri <sup>ap</sup>	
IRI	<a href="http://purl.org/vocab/vann/preferredNamespaceUri">http://purl.org/vocab/vann/preferredNamespaceUri</a>
covers requirements <sup>ap</sup>	
IRI	<a href="http://www.ontologydesignpatterns.org/schemas/cpannotationschema.owl#coversRequirements">http://www.ontologydesignpatterns.org/schemas/cpannotationschema.owl#coversRequirements</a>
definition <sup>ap</sup>	
IRI	<a href="http://www.w3.org/2004/02/skos/core#definition">http://www.w3.org/2004/02/skos/core#definition</a>
pref label <sup>ap</sup>	
IRI	<a href="http://www.w3.org/2004/02/skos/core#prefLabel">http://www.w3.org/2004/02/skos/core#prefLabel</a>

## Namespaces

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<http://w3id.org/CE0N/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	Data type Properties
ap	Annotation Properties