

Circular Economy Ontology Network (CEON) - Plan Module

Metadata

IRI

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

Title

Circular Economy Ontology Network (CEON) - Plan Module

Publisher

Onto-DESIDE

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Version Iri

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

Version Info

0.1

Preferred Namespace Prefix

ceon-plan

Preferred Namespace Uri

<https://w3id.org/CEON/ontology/plan/>

Description

The Plan module of CEON (Circular Economy Ontology Network).

Covers Requirements

In addition to requirements covered by imported ODPs, covers the following requirements from Onto-DESIDE D3.1: T8-2

In addition to requirements covered by imported ODPs, covers the following requirements from Onto-DESIDE D3.2: T8-2

Classes

| | |
|--------------------------|---|
| Description ^c | |
| IRI | http://w3id.org/CEON/ontology/plan/Description |
| In Range Of | satisfiesPlan ^{op} |
| Super Class Of | Plan ^c |

Plan^C

| | |
|---------------------|---|
| IRI | http://w3id.org/CE0N/ontology/plan/Plan |
| Sub Class Of | Description^C |
| In Domain Of | hasPlanExecution^{op} |
| Restriction | processODP:hasPart some Plan^C |

Plan Execution^C

| | |
|---------------------|---|
| IRI | http://w3id.org/CE0N/ontology/plan/PlanExecution |
| Sub Class Of | processODP:Situation processODP:duringTime some processODP:TimeInterval^C or processODP:occursAtTime some xsd:dateTime^C |
| In Domain Of | followsExecution^{op} precedesExecution^{op} occursAtTime^{dp} |
| In Range Of | hasPlanExecution^{op} |
| Restriction | followsExecution^{op} some PlanExecution^C precedesExecution^{op} some PlanExecution^C satisfiesPlan^{op} some PlanExecution^C processODP:hasPart some PlanExecution^C processODP:isSettingFor some PlanExecution^C |

Object Properties

follows execution^{op}

| | |
|------------------------|---|
| IRI | http://w3id.org/CE0N/ontology/plan/followsExecution |
| Sub Property Of | processODP:isSettingFor |
| Domain | PlanExecution^C |

has plan execution^{op}

| | |
|------------------------|---|
| IRI | http://w3id.org/CE0N/ontology/plan/hasPlanExecution |
| Sub Property Of | topObjectProperty^{op} |
| Domain | Plan^C |
| Range | PlanExecution^C |

precedes execution^{op}

IRI <http://w3id.org/CE0N/ontology/plan/precedesExecution>

Sub Property Of [processODP:isSettingFor](#)

Domain [PlanExecution](#)^c

satisfies plan^{op}

IRI <http://w3id.org/CE0N/ontology/plan/satisfiesPlan>

Sub Property Of [topObjectProperty](#)^{op}

Domain [processODP:Situation](#)

Range [Description](#)^c

has input^{op}

IRI <http://w3id.org/CE0N/ontology/processODP/hasInput>

has output^{op}

IRI <http://w3id.org/CE0N/ontology/processODP/hasOutput>

Datatype Properties

occurs at time^{dp}

IRI <http://w3id.org/CE0N/ontology/plan/occursAtTime>

Domain [PlanExecution](#)^c

Range [xsd:dateTime](#)

Namespaces

:

<http://w3id.org/CE0N/ontology/plan/>

dcterms

<http://purl.org/dc/terms/>

odp

<http://www.ontologydesignpatterns.org/schemas/cpannotationschema.owl#>

owl

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

processODP

<http://w3id.org/CE0N/ontology/processODP/>

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#>

vann

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

xsd

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

Legend

| | |
|----|------------------------|
| c | Classes |
| op | Object Properties |
| dp | Datatype Properties |