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/CEON/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/CEON/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/CEON/ontology/plan/followsExecution`
Sub Property Of	processODP:isSettingFor
Domain	PlanExecution [C]

has plan execution [op]

IRI	`http://w3id.org/CEON/ontology/plan/hasPlanExecution`
Sub Property Of	topObjectProperty [op]
Domain	Plan [C]
Range	PlanExecution [C]

precedes execution ^{op}

IRI	http://w3id.org/CEON/ontology/plan/precedesExecution
Sub Property Of	processODP:isSettingFor
Domain	PlanExecution^c

satisfies plan ^{op}

IRI	http://w3id.org/CEON/ontology/plan/satisfiesPlan
Sub Property Of	topObjectProperty^{op}
Domain	processODP:Situation
Range	Description^c

has input ^{op}

IRI	http://w3id.org/CEON/ontology/processODP/hasInput

has output ^{op}

IRI	http://w3id.org/CEON/ontology/processODP/hasOutput

Datatype Properties

occurs at time ^{dp}

IRI	http://w3id.org/CEON/ontology/plan/occursAtTime
Domain	PlanExecution^c
Range	xsd:dateTime

Namespaces

:
    http://w3id.org/CEON/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/CEON/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