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:occursAtTime ^{dp} some xsd:dateTime ^C *or* processODP:duringTime some processODP:TimeInterval ^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

occurs at time ^{dp}

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

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