

Digital Product Passport Information Provenance

Metadata

IRI

<http://w3id.org/dppo/ontology/dpp-prov/>

Title

Digital Product Passport Information Provenance

Creator

Maike Jansen

Contributor

Eva Blomqvist
Huanyu Li
Robin Keskisärkkä

Date Created

2023-11-27

License

<https://github.com/LiUSemWeb/DPP/blob/master/LICENSE>

Version Iri

<http://w3id.org/dppo/ontology/dpp-prov/0.1/>

Version Info

0.1

Preferred Namespace Prefix

dpp-prov

Preferred Namespace Uri

<http://w3id.org/dppo/ontology/dpp-prov/>

Description

Provenance information for DPP information.

Classes

Dpp Information ^c	
IRI	http://w3id.org/dppo/ontology/dpp-info/DPPInformation
In Domain Of	responsible actor ^{op}

Dpp ^c	
IRI	http://w3id.org/dppo/ontology/dpp-odp/DPP
In Domain Of	DPP owner ^{op}

Actor^C

IRI <http://w3id.org/dppo/ontology/dpp-prov/Actor>

Description
Actor
An actor responsible for some information.

In Range Of [actor^{op}](#)

Super Class Of
[Authority^C](#)
[Consumer^C](#)
[Value chain actor^C](#)

Authority^C

IRI <http://w3id.org/dppo/ontology/dpp-prov/Authority>

Description
An actor that is an authority.

Sub Class Of [Actor^C](#)

Consumer^C

IRI <http://w3id.org/dppo/ontology/dpp-prov/Consumer>

Description
An actor that is an end-user of a product, a consumer.

Sub Class Of [Actor^C](#)

Value chain actor^C

IRI <http://w3id.org/dppo/ontology/dpp-prov/ValueChainActor>

Description
An actor that is an active participant of the value chain of a product, e.g. a manufacturer, recycler or other actor.

Sub Class Of [Actor^C](#)

Object Properties

actor^{op}

IRI	http://w3id.org/dppo/ontology/dpp-prov/actor
Description	Relation to the actor responsible for a DPP or a piece of information inside it.
Super Property Of	<ul style="list-style-type: none">• DPP owner^{op}• responsible actor^{op}
Range	Actor^c

DPP owner^{op}

IRI	http://w3id.org/dppo/ontology/dpp-prov/dppOwner
Description	A relation relating the DPP with the actor owning, i.e. responsible for issuing, the DPP.
Sub Property Of	actor^{op}
Domain	http://w3id.org/dppo/ontology/dpp-odp/DPP ^c

responsible actor^{op}

IRI	http://w3id.org/dppo/ontology/dpp-prov/responsibleActor
Description	A relation the indicates the actor responsible for stating a piece of information.
Sub Property Of	actor^{op}
Domain	dpp-info:DPPInformation ^c

Datatype Properties

creation time stamp^{dp}

IRI	http://w3id.org/dppo/ontology/dpp-prov/creationTimeStamp
Description	A time stamp indicating when a piece of information, or a DPP, was created (or added), i.e. when it started to be valid.
Sub Property Of	time stamp ^{dp}
Domain	http://w3id.org/dppo/ontology/dpp-odp/DPP ^c or dpp-info:DPPInformation ^c

invalid at time stamp^{dp}

IRI	http://w3id.org/dppo/ontology/dpp-prov/invalidAtTimeStamp
Description	A time stamp indicating the time when a DPP or a piece of information ceased to be valid, i.e. what deprecated or replaced by another piece of information.
Sub Property Of	time stamp ^{dp}
Domain	dpp-info:DPPInformation ^c or http://w3id.org/dppo/ontology/dpp-odp/DPP ^c

time stamp^{dp}

IRI	http://w3id.org/dppo/ontology/dpp-prov/timeStamp
Description	A timestamp of some information, i.e. a DPP or a piece of information.
Super Property Of	<ul style="list-style-type: none">creation time stamp^{dp}invalid at time stamp^{dp}

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

Namespaces

:

<http://w3id.org/dppo/ontology/dpp-prov/>

dcterms

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

dpp-info

<http://w3id.org/dppo/ontology/dpp-info/>

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#>

vann

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

Legend

c

op

dp

ap

Classes

Object Properties

Datatype Properties

Annotation Properties