Digital Product Passport Information Provenance

Metadata

IRI

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

Title

Digital Product Passport Information Provenance

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Date Created

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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

- 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

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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	dpp-info:DPPInformation ^c *or* http://w3id.org/dppo/ontology/dpp-odp/DPP ^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 timstamp of some information, i.e. a DPP or a piece of information.
Super Property Of	• 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

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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	Classes
op	Object Properties
dp	Datatype Properties
ap	Annotation Properties