

Digital Product Passport Information Provenance

Metadata

IRI

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

Title

Digital Product Passport Information Provenance

Creator

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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 | <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 [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 timestamp 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

:

<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