

Digital Product Passport Information Ontology

Metadata

IRI

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

Title

Digital Product Passport Information Ontology

Creator

Maike Jansen

Contributor

Eva Blomqvist

Huanyu Li

Robin Keskisärkkä

Date Created

2023-10-30

License

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

Version Iri

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

Version Info

0.1

Preferred Namespace Prefix

dpp-info

Preferred Namespace Uri

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

Description

This is a minimal core ontology describing DPP information types.

Classes

Actor^C

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

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

Super Class Of
[Authority^C](#)
[Consumer^C](#)
[ValueChainActor^C](#)

Authority^C

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

Sub Class Of [Actor^C](#)

Certificate^C

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

Sub Class Of [DPPInformation^C](#)

Composition Information^C

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

Sub Class Of [DPPInformation^C](#)

Consumer^C

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

Sub Class Of [Actor^C](#)

Dpp Information^C

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

In Domain Of [responsibleActor^{op}](#)
[superceededBy^{op}](#)
[timestamp^{dp}](#)

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

Restriction [isAbout^{op}](#) some [DPPInformation^C](#)

Super Class Of [Certificate^C](#)
[CompositionInformation^C](#)
[DisassemblyInformation^C](#)
[RemainingProductQuality^C](#)
[RepairInstruction^C](#)

Disassembly Information^c

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

Sub Class Of [DPPInformation^c](#)

Remaining Product Quality^c

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

Sub Class Of [DPPInformation^c](#)

Repair Instruction^c

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

Sub Class Of [DPPInformation^c](#)

Value Chain Actor^c

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

Sub Class Of [Actor^c](#)

Object Properties

contains information^{op}

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

Domain <http://w3id.org/dppo/ontology/dpp-odp/DPP>

Range [DPPInformation^c](#)

has composition information^{op}

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

Domain <http://w3id.org/dppo/ontology/dpp-odp/Product>

is about^{op}

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

Super Property Of <http://w3id.org/dppo/ontology/dpp-odp/describes>

responsible actor^{op}

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

Domain [DPPInformation^c](#)

Range [Actor^c](#)

superceded by^{op}

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

Domain [DPPInformation^c](#)

Range [DPPInformation^c](#)

Datatype Properties

creation time stamp^{dp}

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

Sub Property Of [timestamp^{dp}](#)

invalid at time stamp^{dp}

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

Sub Property Of [timestamp^{dp}](#)

timestamp^{dp}

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

Super Property Of

- [creationTimeStamp](#)^{dp}
- [invalidAtTimeStamp](#)^{dp}

Domain [DPPInformation](#)^c

Namespaces

:

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

dcterms

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

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