

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

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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

Certificate Information ^C	
IRI	http://w3id.org/dppo/ontology/dpp-info/CertificateInformation
Sub Class Of	DPPInformation^C
In Domain Of	certificateDocument^{op}

Composition Information^C

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

Sub Class Of [DPPInformation^C](#)

Dpp Information^C

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

In Domain Of [supersededBy^{op}](#)

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

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

Super Class Of [CertificateInformation^C](#)
[CompositionInformation^C](#)
[DisassemblyInformation^C](#)
[LegalGuarantee^C](#)
[ProductCharacteristic^C](#)
[ProductQuality^C](#)
[RepairInstruction^C](#)

Disassembly Information^C

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

Sub Class Of [DPPInformation^C](#)

In Domain Of [dissassemblyInstructionsDocument^{op}](#)

Legal Guarantee^C

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

Sub Class Of [DPPInformation^C](#)
[startTime^{dp}](#) *exactly 1* [1^C](#) *and* [endTime^{dp}](#) *exactly 1* [1^C](#)

Product Characteristic^c

IRI	http://w3id.org/dppo/ontology/dpp-info/ProductCharacteristic
Sub Class Of	DPPInformation^c characteristic^{op} some Thing^c and value^{dp} some Literal^c
In Domain Of	characteristic^{op}

Product Quality^c

IRI	http://w3id.org/dppo/ontology/dpp-info/ProductQuality
Sub Class Of	DPPInformation^c quality^{op} some Thing^c and value^{dp} some Literal^c
In Domain Of	quality^{op}

Repair Instruction^c

IRI	http://w3id.org/dppo/ontology/dpp-info/RepairInstruction
Sub Class Of	DPPInformation^c
In Domain Of	repairInstructionsDocument^{op}

Unit^c

IRI	http://w3id.org/dppo/ontology/dpp-info/Unit
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Object Properties

certificate document^{op}

IRI	http://w3id.org/dppo/ontology/dpp-info/certificateDocument
Sub Property Of	externalDocument^{op}
Domain	CertificateInformation^c

characteristic^{op}

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

Domain [ProductCharacteristic^c](#)

contains information^{op}

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

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

Range [DPPInformation^c](#)

directly superseded by^{op}

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

Sub Property Of [supersededBy^{op}](#)

directly supersedes^{op}

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

dissassembly instructions document^{op}

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

Sub Property Of [externalDocument^{op}](#)

Domain [DisassemblyInformation^c](#)

external document^{op}

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

Super Property Of

- [certificateDocument^{op}](#)
- [dissassemblyInstructionsDocument^{op}](#)
- [repairInstructionsDocument^{op}](#)

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>

quality^{op}

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

Domain [ProductQuality^c](#)

repair instructions document^{op}

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

Sub Property Of [externalDocument^{op}](#)

Domain [RepairInstruction^c](#)

superseded by^{op}

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

Super Property Of [directlySupersededBy^{op}](#)

Domain [DPPInformation^c](#)

Range [DPPInformation^c](#)

unit^{op}

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

Domain [CompositionInformation^c](#) or [ProductQuality^c](#) or [ProductCharacteristic^c](#)

Datatype Properties

end time ^{dp}	
IRI	http://w3id.org/dppo/ontology/dpp-info/endTime
start time ^{dp}	
IRI	http://w3id.org/dppo/ontology/dpp-info/startTime
value ^{dp}	
IRI	http://w3id.org/dppo/ontology/dpp-info/value

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