Digital Product Passport Information Ontology

Metadata

IRI

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

Title

Digital Product Passport Information Ontology

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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   dissasemblyInstructionsDocument ^{op}

Legal Guarantee ^C

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

Sub Class Of

DPPInformation ^C
endTime ^{dp} *exactly* 1 1 ^C *and* startTime ^{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

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

dissasembly instructions document ^{op}

IRI	http://w3id.org/dppo/ontology/dpp-info/dissasemblyInstructionsDocument
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}
- dissasemblyInstructionsDocument ^{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

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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