

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

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 [PieceOfInformation^c](#)

Composition Information^c

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

Sub Class Of [PieceOfInformation^c](#)

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

Consumer^c

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

Sub Class Of [Actor^c](#)

Disassembly Information^c

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

Sub Class Of [PieceOfInformation^c](#)

Piece Of Information^C

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

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

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

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

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

Remaining Product Quality^C

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

Sub Class Of [PieceOfInformation](#)^C

Repair Instruction^C

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

Sub Class Of [PieceOfInformation](#)^C

Substance Hindering Recycling^C

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

Sub Class Of [SubstanceOfConcern](#)^C

Substance Of Concern^C

| | |
|------------------------------|---|
| IRI | http://w3id.org/dppo/ontology/dpp-info/SubstanceOfConcern |
| <u>Sub Class Of</u> | http://w3id.org/dppo/ontology/dpp-core/Substance |
| <u>Super Class Of</u> | SubstanceHinderingRecycling^C ToxicSubstance^C |

Toxic Substance^C

| | |
|----------------------------|---|
| IRI | http://w3id.org/dppo/ontology/dpp-info/ToxicSubstance |
| <u>Sub Class Of</u> | SubstanceOfConcern^C |

Value Chain Actor^C

| | |
|----------------------------|---|
| IRI | http://w3id.org/dppo/ontology/dpp-info/ValueChainActor |
| <u>Sub Class Of</u> | Actor^C |

Object Properties

about part^{op}

| | |
|-------------------------------|---|
| IRI | http://w3id.org/dppo/ontology/dpp-info/aboutPart |
| <u>Sub Property Of</u> | isAbout^{op} |
| <u>Domain</u> | CompositionInformation^C |
| <u>Range</u> | http://w3id.org/dppo/ontology/dpp-odp/Product |

about whole^{op}

| | |
|-------------------------------|---|
| IRI | http://w3id.org/dppo/ontology/dpp-info/aboutWhole |
| <u>Sub Property Of</u> | isAbout^{op} |
| <u>Domain</u> | CompositionInformation^C |
| <u>Range</u> | http://w3id.org/dppo/ontology/dpp-odp/Product |

contains information^{op}

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

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

Range [PieceOfInformation^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

- [aboutPart^{op}](#)
- [aboutWhole^{op}](#)
- <http://w3id.org/dppo/ontology/dpp-odp/describes>

responsible actor^{op}

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

Domain [PieceOfInformation^c](#)

Range [Actor^c](#)

superceded by^{op}

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

Domain [PieceOfInformation^c](#)

Range [PieceOfInformation^c](#)

Datatype Properties

| | |
|-----------------------------------|---|
| creation time stamp ^{dp} | |
| IRI | http://w3id.org/dppo/ontology/dpp-info/creationTimeStamp |
| <u>Sub Property Of</u> | timestamp ^{dp} |

| | |
|-------------------------------------|---|
| invalid at time stamp ^{dp} | |
| IRI | http://w3id.org/dppo/ontology/dpp-info/invalidAtTimeStamp |
| <u>Sub Property Of</u> | timestamp ^{dp} |

| | |
|--------------------------|--|
| timestamp ^{dp} | |
| IRI | http://w3id.org/dppo/ontology/dpp-info/timestamp |
| <u>Super Property Of</u> | <ul style="list-style-type: none">creationTimeStamp^{dp}invalidAtTimeStamp^{dp} |
| <u>Domain</u> | PieceOfInformation ^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

