

# 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<sup>c</sup>

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

**In Range Of** [responsibleActor<sup>op</sup>](#)

### Certificate<sup>c</sup>

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

**Sub Class Of** [PieceOfInformation<sup>c</sup>](#)

## Composition Information<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-info/CompositionInformation">http://w3id.org/dppo/ontology/dpp-info/CompositionInformation</a>
<b><u>Sub Class Of</u></b>	<a href="#">PieceOfInformation<sup>C</sup></a>
<b><u>In Domain Of</u></b>	<a href="#">aboutPart<sup>op</sup></a> <a href="#">aboutWhole<sup>op</sup></a>

## Disassembly Information<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-info/DisassemblyInformation">http://w3id.org/dppo/ontology/dpp-info/DisassemblyInformation</a>
<b><u>Sub Class Of</u></b>	<a href="#">PieceOfInformation<sup>C</sup></a>

## Piece Of Information<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-info/PieceOfInformation">http://w3id.org/dppo/ontology/dpp-info/PieceOfInformation</a>
<b><u>In Domain Of</u></b>	<a href="#">responsibleActor<sup>op</sup></a> <a href="#">supercededBy<sup>op</sup></a> <a href="#">timestamp<sup>dp</sup></a>
<b><u>In Range Of</u></b>	<a href="#">containsInformation<sup>op</sup></a> <a href="#">supercededBy<sup>op</sup></a>
<b><u>Restriction</u></b>	<a href="#">isAbout<sup>op</sup></a> some <a href="#">PieceOfInformation<sup>C</sup></a>
<b><u>Super Class Of</u></b>	<a href="#">Certificate<sup>C</sup></a> <a href="#">CompositionInformation<sup>C</sup></a> <a href="#">DisassemblyInformation<sup>C</sup></a> <a href="#">RemainingProductQuality<sup>C</sup></a> <a href="#">RepairInstruction<sup>C</sup></a>

## Remaining Product Quality<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-info/RemainingProductQuality">http://w3id.org/dppo/ontology/dpp-info/RemainingProductQuality</a>
<b><u>Sub Class Of</u></b>	<a href="#">PieceOfInformation<sup>C</sup></a>

## Repair Instruction<sup>C</sup>

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

**Sub Class Of** [PieceOfInformation<sup>C</sup>](#)

## Substance Hindering Recycling<sup>C</sup>

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

**Sub Class Of** [SubstanceOfConcern<sup>C</sup>](#)

## Substance Of Concern<sup>C</sup>

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

**Sub Class Of** <http://w3id.org/dppo/ontology/dpp-core/Substance>

**Super Class Of**  
[SubstanceHinderingRecycling<sup>C</sup>](#)  
[ToxicSubstance<sup>C</sup>](#)

## Toxic Substance<sup>C</sup>

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

**Sub Class Of** [SubstanceOfConcern<sup>C</sup>](#)

## Object Properties

### about part<sup>op</sup>

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

**Sub Property Of** [isAbout<sup>op</sup>](#)

**Domain** [CompositionInformation<sup>C</sup>](#)

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

## about whole<sup>op</sup>

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

**Sub Property Of** [isAbout<sup>op</sup>](#)

**Domain** [CompositionInformation<sup>c</sup>](#)

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

## contains information<sup>op</sup>

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

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

**Range** [PieceOfInformation<sup>c</sup>](#)

## has composition information<sup>op</sup>

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

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

## is about<sup>op</sup>

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

**Super Property Of**

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

## responsible actor<sup>op</sup>

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

**Domain** [PieceOfInformation<sup>c</sup>](#)

**Range** [Actor<sup>c</sup>](#)

superceeded by<sup>op</sup>

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

**Domain** [PieceOfInformation<sup>c</sup>](#)

**Range** [PieceOfInformation<sup>c</sup>](#)

## Datatype Properties

creation time stamp<sup>dp</sup>

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

**Sub Property Of** [timestamp<sup>dp</sup>](#)

invalid at time stamp<sup>dp</sup>

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

**Sub Property Of** [timestamp<sup>dp</sup>](#)

timestamp<sup>dp</sup>

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

**Super Property Of**

- [creationTimeStamp<sup>dp</sup>](#)
- [invalidAtTimeStamp<sup>dp</sup>](#)

**Domain** [PieceOfInformation<sup>c</sup>](#)

## 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