

# Digital Product Passport Ontology Design Pattern

## Metadata

### IRI

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

### Title

Digital Product Passport Ontology Design Pattern

### Creator

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### Date Created

2023-10-30

### License

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

### Version Iri

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

### Version Info

0.1

### Preferred Namespace Prefix

dpp-odp

### Preferred Namespace Uri

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

### Description

This is a minimal core Ontology Design Pattern defining what a DPP is, i.e. information about a product.

## Classes

| Dpp <sup>c</sup> |   |
|------------------|---|
| IRI              | <a href="http://w3id.org/dppo/ontology/dpp-odp/DPP">http://w3id.org/dppo/ontology/dpp-odp/DPP</a> |
| In Domain Of     | <a href="#">describes</a> <sup>op</sup>   |
| Restriction      | <a href="#">hasPart</a> <sup>op</sup> only <a href="#">DPP</a> <sup>c</sup>                       |

## Product<sup>c</sup>

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

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

**Restriction** [hasPart](#)<sup>op</sup> only [Product](#)<sup>c</sup>

## Object Properties

### [describes](#)<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-odp/describes>

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

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

### [has part](#)<sup>op</sup>

**IRI** <http://w3id.org/dppo/ontology/dpp-odp/hasPart>

## Annotation Properties

### [contributor](#)<sup>ap</sup>

**IRI** <http://purl.org/dc/terms/contributor>

### [created](#)<sup>ap</sup>

**IRI** <http://purl.org/dc/terms/created>

### [creator](#)<sup>ap</sup>

**IRI** <http://purl.org/dc/terms/creator>

### [description](#)<sup>ap</sup>

**IRI** <http://purl.org/dc/terms/description>

|                       |   |
|-----------------------|---|
| license <sup>ap</sup> |   |
| IRI                   | <a href="http://purl.org/dc/terms/license">http://purl.org/dc/terms/license</a> |

|                     |   |
|---------------------|---|
| title <sup>ap</sup> |   |
| IRI                 | <a href="http://purl.org/dc/terms/title">http://purl.org/dc/terms/title</a> |

|  |   |
|--|---|
| preferred namespace prefix <sup>ap</sup> |   |
| IRI                                      | <a href="http://purl.org/vocab/vann/preferredNamespacePrefix">http://purl.org/vocab/vann/preferredNamespacePrefix</a> |

|                                       |   |
|---------------------------------------|---|
| preferred namespace uri <sup>ap</sup> |   |
| IRI                                   | <a href="http://purl.org/vocab/vann/preferredNamespaceUri">http://purl.org/vocab/vann/preferredNamespaceUri</a> |

## Namespaces

:

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

**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

<sup>c</sup>

Classes

<sup>op</sup>

Object Properties

<sup>ap</sup>

Annotation Properties