

# Digital Product Passport Ontology Design Pattern

## Metadata

### IRI

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

### Title

Digital Product Passport Ontology Design Pattern

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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

c	Classes
op	Object Properties
ap	Annotation Properties