Digital Product Passport Ontology Design Pattern

Metadata

IRI

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

Title

Digital Product Passport Ontology Design Pattern

Creator

Maike Jansen

Contributor

Eva Blomqvist

Huanyu Li

Robin Keskisärkkä

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

Digital Product Passport [c]

IRI	http://w3id.org/dppo/ontology/dpp-odp/DPP
Description	A Digital Product Passport, containing information about a product, and which main contain sub-DPPs as its parts.
In Domain Of	describes [op]
Restriction	A relation between a whole and its parts. [op] only Digital Product Passport [c]

Product ^c

IRI	http://w3id.org/dppo/ontology/dpp-odp/Product
Description	A product, in a broad sense, defined as anything that is sold by a value chain actor, and which can have other products as parts.
In Range Of	describes ^{op}
Restriction	A relation between a whole and its parts. ^{op} only Product ^c

Object Properties

describes ^{op}

IRI	http://w3id.org/dppo/ontology/dpp-odp/describes
Description	The relation between a DPP and the product it describes.
Domain	Digital Product Passport ^c
Range	Product ^c

A relation between a whole and its parts.has part ^{op}

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

Annotation Properties

contributor ^{ap}

IRI	http://purl.org/dc/terms/contributor

created ^{ap}

IRI	http://purl.org/dc/terms/created

creator ^{ap}

IRI	http://purl.org/dc/terms/creator

description ^{ap}

IRI	http://purl.org/dc/terms/description

license ^{ap}

IRI	http://purl.org/dc/terms/license

title ^{ap}

IRI	http://purl.org/dc/terms/title

preferred namespace prefix ^{ap}

IRI	http://purl.org/vocab/vann/preferredNamespacePrefix

preferred namespace uri ^{ap}

IRI	http://purl.org/vocab/vann/preferredNamespaceUri

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

Annotation Properties