



























































PREFIX	IRI
bag	<a href="http://www.ontologydesignpatterns.org/cp/owl/bag.owl#">http://www.ontologydesignpatterns.org/cp/owl/bag.owl#</a>
dul	<a href="http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#">http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#</a>
list	<a href="http://www.ontologydesignpatterns.org/cp/owl/list.owl#">http://www.ontologydesignpatterns.org/cp/owl/list.owl#</a>
org	<a href="http://www.w3.org/ns/org#">http://www.w3.org/ns/org#</a>
owl	<a href="http://www.w3.org/2002/07/owl#">http://www.w3.org/2002/07/owl#</a>
prov	<a href="http://www.w3.org/ns/prov#">http://www.w3.org/ns/prov#</a>
rdf	<a href="http://www.w3.org/1999/02/22-rdf-syntax-ns#">http://www.w3.org/1999/02/22-rdf-syntax-ns#</a>
rdfs	<a href="http://www.w3.org/2000/01/rdf-schema#">http://www.w3.org/2000/01/rdf-schema#</a>
regorg	<a href="http://www.w3.org/ns/regorg#">http://www.w3.org/ns/regorg#</a>
rst_cons	<a href="https://cdm.ovh/rsm/rolling_stock/consist/RollingStockConsist#">https://cdm.ovh/rsm/rolling_stock/consist/RollingStockConsist#</a>
rst_typ	<a href="https://cdm.ovh/rsm/rolling_stock/typology/typology#">https://cdm.ovh/rsm/rolling_stock/typology/typology#</a>
skos	<a href="http://www.w3.org/2004/02/skos/core#">http://www.w3.org/2004/02/skos/core#</a>
taf	<a href="http://data.europa.eu/949/">http://data.europa.eu/949/</a>
tafp5	<a href="https://cdm.ovh/taf/tafp5#">https://cdm.ovh/taf/tafp5#</a>
time	<a href="http://www.w3.org/2006/time#">http://www.w3.org/2006/time#</a>
xml	<a href="http://www.w3.org/XML/1998/namespace">http://www.w3.org/XML/1998/namespace</a>
xsd	<a href="http://www.w3.org/2001/XMLSchema#">http://www.w3.org/2001/XMLSchema#</a>

ENTITY	FUNCT	INVERSE FUNCT	TRANS	REFL	IRREFL	SYMM	ASYMM
<a href="http://www.ontologydesignpatterns.org/cp/owl/bag.owl#hasItem">http://www.ontologydesignpatterns.org/cp/owl/bag.owl#hasItem</a>							
<a href="http://www.ontologydesignpatterns.org/cp/owl/list.owl#nextItem">http://www.ontologydesignpatterns.org/cp/owl/list.owl#nextItem</a>							
<a href="http://www.ontologydesignpatterns.org/cp/owl/list.owl#previousItem">http://www.ontologydesignpatterns.org/cp/owl/list.owl#previousItem</a>							
<a href="http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#hasLocation">http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#hasLocation</a>							
<a href="http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#hasPart">http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#hasPart</a>							
<a href="http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#hasParticipant">http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#hasParticipant</a>							
<a href="http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#hasSetting">http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#hasSetting</a>							
<a href="http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#hasTimeInterval">http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#hasTimeInterval</a>							
<a href="http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#isClassifiedBy">http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#isClassifiedBy</a>							
<a href="http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#isLocationOf">http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#isLocationOf</a>							
<a href="http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#isSettingFor">http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#isSettingFor</a>							
<a href="http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#playsRole">http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#playsRole</a>							
<a href="http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#realizes">http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#realizes</a>							
<a href="http://www.w3.org/2004/02/skos/core#inScheme">http://www.w3.org/2004/02/skos/core#inScheme</a>							
ENTITY	FUNCT	INVERSE FUNCT	TRANS	REFL	IRREFL	SYMM	ASYMM

ENTITY	FUNCT	INVERSE FUNCT	TRANS	REFL	IRREFL	SYMM	ASYMM
https://cdm.ovh/taf/tafp5#asWKT	✓						
https://cdm.ovh/taf/ tafp5#atOperationalLocation							
https://cdm.ovh/taf/tafp5#atTime							
https://cdm.ovh/taf/ tafp5#compositionValidationPassed	✓						
https://cdm.ovh/taf/tafp5#createdAt							
https://cdm.ovh/taf/tafp5#effectiveFrom							
https://cdm.ovh/taf/tafp5#effectiveUntil							
https://cdm.ovh/taf/tafp5#hasArrivalTime							
https://cdm.ovh/taf/tafp5#hasBICCode	✓						
https://cdm.ovh/taf/tafp5#hasBeginning	✓						
https://cdm.ovh/taf/tafp5#hasComment							
https://cdm.ovh/taf/tafp5#hasComposition	✓						
https://cdm.ovh/taf/tafp5#hasCustomsStatus							
https://cdm.ovh/taf/tafp5#hasDepartureTime							
https://cdm.ovh/taf/tafp5#hasDesignation							
https://cdm.ovh/taf/tafp5#hasDestination	✓						
https://cdm.ovh/taf/tafp5#hasEnd	✓						
https://cdm.ovh/taf/ tafp5#hasFacilityFunction							
https://cdm.ovh/taf/tafp5#hasFullText	✓						
https://cdm.ovh/taf/tafp5#hasILUcode	✓						
https://cdm.ovh/taf/tafp5#hasIM							
ENTITY	FUNCT	INVERSE FUNCT	TRANS	REFL	IRREFL	SYMM	ASYMM

ENTITY	FUNCT	INVERSE FUNCT	TRANS	REFL	IRREFL	SYMM	ASYMM
https://cdm.ovh/taf/ tafp5#hasJourneySchedule							
https://cdm.ovh/taf/tafp5#hasKemlerCode							
https://cdm.ovh/taf/ tafp5#hasLengthInMeters	✓						
https://cdm.ovh/taf/tafp5#hasMassInTons	✓						
https://cdm.ovh/taf/tafp5#hasOTN							
https://cdm.ovh/taf/ tafp5#hasOperationalInstant							
https://cdm.ovh/taf/ tafp5#hasOperationalInterval							
https://cdm.ovh/taf/ tafp5#hasOperationalLocation	✓						
https://cdm.ovh/taf/tafp5#hasOrigin	✓						
https://cdm.ovh/taf/tafp5#hasOtherCode							
https://cdm.ovh/taf/tafp5#hasParticipant							
https://cdm.ovh/taf/tafp5#hasPayload							
https://cdm.ovh/taf/ tafp5#hasPlannedJourney	✓						
https://cdm.ovh/taf/tafp5#hasPrimaryCode	✓						
https://cdm.ovh/taf/tafp5#hasRFIDIdentifier	✓						
https://cdm.ovh/taf/ tafp5#hasRID_UN_Number							
https://cdm.ovh/taf/tafp5#hasRID_class							
https://cdm.ovh/taf/tafp5#hasRU							
https://cdm.ovh/taf/							
ENTITY	FUNCT	INVERSE FUNCT	TRANS	REFL	IRREFL	SYMM	ASYMM

ENTITY	FUNCT	INVERSE FUNCT	TRANS	REFL	IRREFL	SYMM	ASYMM
https://cdm.ovh/taf/tafp5#hasSubProcess							
https://cdm.ovh/taf/ tafp5#hasSubsidiaryCode	✓						
https://cdm.ovh/taf/tafp5#hasTemporalRole							
https://cdm.ovh/taf/tafp5#hasTrain	✓						
https://cdm.ovh/taf/tafp5#hasTrainRunState		✓					
https://cdm.ovh/taf/tafp5#hasTrainState		✓					
https://cdm.ovh/taf/tafp5#inJourneySchedule							
https://cdm.ovh/taf/ tafp5#isOperationalLocationOf							
https://cdm.ovh/taf/tafp5#isStateOfTrainRun	✓						
https://cdm.ovh/taf/tafp5#isStationary	✓						
https://cdm.ovh/taf/tafp5#issuedAt	✓						
https://cdm.ovh/taf/tafp5#locationName							
https://cdm.ovh/taf/tafp5#messageID	✓						
https://cdm.ovh/taf/tafp5#messageVersion							
https://cdm.ovh/taf/tafp5#name	✓						
https://cdm.ovh/taf/ tafp5#nextDescriptionVersion	✓	✓					
https://cdm.ovh/taf/tafp5#nextSection	✓	✓					
https://cdm.ovh/taf/tafp5#playsFacilityRole							
https://cdm.ovh/taf/ tafp5#playsOperationalRole							
https://cdm.ovh/taf/ tafp5#previousDescriptionVersion	✓	✓					
ENTITY	FUNCT	INVERSE FUNCT	TRANS	REFL	IRREFL	SYMM	ASYMM

ENTITY	FUNCT	INVERSE FUNCT	TRANS	REFL	IRREFL	SYMM	ASYMM
https://cdm.ovh/taf/tafp5#reportedAt	✓						
https://cdm.ovh/taf/tafp5#reportedBy	✓						
https://cdm.ovh/taf/ tafp5#revisesDescriptionVersion							✓
https://cdm.ovh/taf/tafp5#sizeAndTypeCode	✓						
https://cdm.ovh/taf/tafp5#startsAtOrigin	✓						
https://cdm.ovh/taf/tafp5#stopsAtDestination	✓						
https://cdm.ovh/taf/tafp5#trainDepartureDate	✓						
https://cdm.ovh/taf/tafp5#trainLeadRU	✓						
https://cdm.ovh/taf/tafp5#uicWagonNumber	✓						