









































| PREFIX | IRI |
|----------|---|
| bag | http://www.ontologydesignpatterns.org/cp/owl/bag.owl# |
| dul | http://www.ontologydesignpatterns.org/ont/dul/DUL.owl# |
| list | http://www.ontologydesignpatterns.org/cp/owl/list.owl# |
| 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# |
| rst_cons | http://cdm.ovh/rsm/rolling_stock/consist/RollingStockConsist# |
| rst_typ | http://cdm.ovh/rsm/rolling_stock/typology/typology# |
| skos | http://www.w3.org/2004/02/skos/core# |
| taf | http://data.europa.eu/949/ |
| tafp5 | https://cdm.ovh/taf/tafp5# |
| time | http://www.w3.org/2006/time# |
| xml | http://www.w3.org/XML/1998/namespace |
| xsd | http://www.w3.org/2001/XMLSchema# |

| ENTITY | FUNCT | INVERSE FUNCT | TRANS | REFL | IRREFL | SYMM | ASYMM |
|---|-------|------------------|-------|------|--------|------|-------|
| http://www.ontologydesignpatterns.org/cp/owl/bag.owl#hasItem | | | | | | | |
| http://www.ontologydesignpatterns.org/cp/owl/list.owl#nextItem | | | | | | | |
| http://www.ontologydesignpatterns.org/cp/owl/list.owl#previousItem | | | | | | | |
| http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#hasLocation | | | | | | | |
| http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#hasTimeInterval | | | | | | | |
| http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#isClassifiedBy | | | | | | | |
| http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#isLocationOf | | | | | | | |
| http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#isSettingFor | | | | | | | |
| http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#playsRole | | | | | | | |
| http://www.ontologydesignpatterns.org/ont/dul/DUL.owl#realizes | | | | | | | |
| http://www.w3.org/2004/02/skos/core#inScheme | | | | | | | |
| http://www.w3.org/2006/time#inXSDDateTime | | | | | | | |
| http://www.w3.org/ns/prov#generatedAtTime | | | | | | | |
| http://www.w3.org/ns/prov#invalidatedAtTime | | | | | | | |
| http://www.w3.org/ns/prov#wasAttributedTo | | | | | | | |
| ENTITY | FUNCT | INVERSE FUNCT | TRANS | REFL | IRREFL | SYMM | ASYMM |

| ENTITY | FUNCT | INVERSE FUNCT | TRANS | REFL | IRREFL | SYMM | ASYMM |
|---|-------|------------------|-------|------|--------|------|-------|
| https://cdm.ovh/taf/tafp5#hasComment | | | | | | | |
| https://cdm.ovh/taf/tafp5#hasDepartureTime | ✓ | | | | | | |
| https://cdm.ovh/taf/tafp5#hasDesignation | | | | | | | |
| https://cdm.ovh/taf/tafp5#hasDestination | ✓ | | | | | | |
| https://cdm.ovh/taf/ tafp5#hasFacilityFunction | | | | | | | |
| https://cdm.ovh/taf/tafp5#hasFullText | ✓ | | | | | | |
| https://cdm.ovh/taf/tafp5#hasJourney | | | | | | | |
| https://cdm.ovh/taf/ tafp5#hasJourneySchedule | | | | | | | |
| https://cdm.ovh/taf/tafp5#hasJourneySection | | ✓ | | | | | |
| https://cdm.ovh/taf/tafp5#hasMassInTons | ✓ | | | | | | |
| https://cdm.ovh/taf/tafp5#hasOTN | | | | | | | |
| https://cdm.ovh/taf/tafp5#hasOrigin | ✓ | | | | | | |
| https://cdm.ovh/taf/tafp5#hasPayload | | | | | | | |
| https://cdm.ovh/taf/tafp5#hasPrimaryCode | ✓ | | | | | | |
| https://cdm.ovh/taf/ tafp5#hasReferenceObject | | | | | | | |
| https://cdm.ovh/taf/ tafp5#hasSubsidiaryCode | ✓ | | | | | | |
| https://cdm.ovh/taf/tafp5#hasTimeExtent | | | | | | | |
| https://cdm.ovh/taf/tafp5#hasTrainRunState | | ✓ | | | | | |
| https://cdm.ovh/taf/tafp5#inJourneySchedule | | | | | | | |
| https://cdm.ovh/taf/ tafp5#isOperationalLocationOf | | | | | | | |
| ENTITY | FUNCT | INVERSE FUNCT | TRANS | REFL | IRREFL | SYMM | ASYMM |

| ENTITY | FUNCT | INVERSE FUNCT | TRANS | REFL | IRREFL | SYMM | ASYMM |
|--|-------|------------------|-------|------|--------|------|-------|
| https://cdm.ovh/taf/tafp5#messageID | ✓ | | | | | | |
| https://cdm.ovh/taf/tafp5#messageVersion | | | | | | | |
| 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 | ✓ | ✓ | | | | | |
| https://cdm.ovh/taf/tafp5#previousSection | ✓ | ✓ | | | | | |
| https://cdm.ovh/taf/ tafp5#realizesPlannedJourneyOrPath | | | | | | | |
| https://cdm.ovh/taf/tafp5#referenceOTN | ✓ | | | | | | |
| 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#trainDepartureDate | ✓ | | | | | | |
| https://cdm.ovh/taf/tafp5#trainOperatingRU | ✓ | | | | | | |
| https://cdm.ovh/taf/tafp5#uicWagonNumber | ✓ | | | | | | |