

Classes have names that start with capital letters.

Object (red) or Data properties (green) have names that start with small letters. They are placed among the domain classes. After a the property name you shall see in parentheses the range of that property

Transport Request Ontology

Thing

- LocationPoints
 - hasPointOfDestination (PointOfDestination)
 - hasPointOfDispatch (PointOfDispatch)
 - PointOfDestination
 - hasPonintOfDestinationName (string)
 - AdressDestination (www.daml.org/ontologies/417)
 - GpsCoordinatesDestination
 - hasDestinatinationLatitude (double)
 - hasDestinationLongitude (double)
 - PointOfDispatch
 - hasPointOfDispatchName (string)
 - AdressDispatch (www.daml.org/ontologies/417)
 - GpsCoordinatesDispatch
 - hasDispatchLatitude (double)
 - hasDispatchLongitude (double)
- Request
 - hasDateOfRequest (dateTime)
 - hasStartMomentOfCharge (dateTime)
 - hasFinishMomentOfCharge (dateTime)
 - hasStartMomentOfDischarge (dateTime)
 - hasFinishMomentOfDischarge (dateTime)
 - hasRequestDate (dateTime)
 - hasOwnerId (long)
 - hasOwnerName (string)
 - hasRequestId (string)
 - hasTTL (dateTime)
 - isJuridicPerson (boolean)
 - hasLocationPoints (LocationPoints)

Transport Request Ontology

Thing

- LogisticsObject
 - AggregationStateOfFreight
 - GasState
 - SolidState
 - LiquidState
 - BoxOfFreight
 - hasNumberOfBoxOfFreight (positiveInteger)
 - NonBoxOfFreight
 - RawMaterial
 - Grain
 - Logs
 - Tanker
 - LiveAnimal
 - hasTypeOfAnimal (string)
 - Container
 - Package
 - Pallet
 - Freight
 - hasDescriptionOfFreight (string)
 - hasNameOfFreight (string)
 - hasPerishabilityOfFreight (PerishabilityOfFreight)
 - hasQuantifiableTraitsOfFreight (QuantifiableTraitsOfFreight)
 - hasSpecialConditionsOfFreight (SpecialConditionsOfFreight)
 - hasAggregationStateOfFreight (AggregationStateOfFreight)
 - PerishabilityOfFreight
 - NonPerishableFreight
 - PerishableFreight
 - QuantifiableTraitsOfFreight
 - MarketPriceOfFreight
 - hasMarketPriceOfFreightValue (double)
 - hasMarketPriceUnitOfMeasurement (MarketPriceOfFreightCurrency)
 - MarketPriceOfFreightCurrency
 - VolumeOfFreight
 - hasVolumeFreightOfValue (double)

- **hasVolumeUnitOfMeasurement**
(VolumeUnitOfMeasurement)
 - VolumeOfFreightCurrecy
(<http://idi.fundacionctic.org/muo/muo-vocab.html>)
- WeightOfFreight
 - **hasWeightOfFreightValue** (double)
 - **hasWeightOfFreightUnitOfMeasurement**
 - WeightOfFreightUnitOfMeasurement
(<http://idi.fundacionctic.org/muo/muo-vocab.html>)
- SpecialConditionsOfFreight
 - NonSpecialCondionsOfFreight
 - SpecialConditionsOfFreight
 - HazardousFreight
 - MixerFreight
 - ValuableFreight
 - ControlledTemperature
 - **hasControlledTemperatureOfFreightValue** (double)
 - **hasTemperatureUnitOfMeasurement**
 - TemperatureUnitOfMeasurement
 - Celsius
 - Kelvin
 - Fahrenheit
 - OversizedFreight

Transport Resource Ontology

Thing

- LogisticsResource
 - DedicatedVehicle
 - AnimalsVehicle
 - hasTypeOfAnimal (string)
 - CarsVehicle
 - GrainTransportVehicle
 - LogsVehicle
 - NonDedicatedVehicle
 - TankerVehicle
 - MixerVehicle
 - ValuableTransportVehicle
 - LogisticVehicle
 - hasOtherRestrictions (string)
 - isHazardous (boolean)
 - isVehicleOccupied (boolean)
 - hasVehicleAvailabilityStartTime (dateTime)
 - hasVehicleAvailabilityStartTime (dateTime)
 - hasTypeOfFuel (TypeOfFuel)
 - hasVehicleDimensions (VehicleDimensions)
 - hasVehicleHomeLocation (VehicleHomeLocation)
 - hasVehicleSpecialConditions (VehicleSpecialConditions)
 - isDedicatedVehicle (DedicatedVehicle)
 - isTypeOfVehicle (TypeOfVehicle)
 - TypeOfFuel
 - BiogasFuel
 - DieselFuel
 - ElectricFuel
 - GasFuel
 - LPGFuel
 - PetrolFuel
 - TypeOfVehicle
 - 2AxlesVehicle
 - PickupVehicle
 - TanPitVehicle
 - TruckVehicle

- VanVehicle
- 3AxlesVehicle
- 4AxlesVehicle
- 5AxlesVehicle
- 6AxlesVehicle
- MoreThan6AxlesVehicle
- VehicleDimensions
 - **hasVehicleHeight** (double)
 - **hasVehicleWidth** (double)
 - **hasVehicleLength** (double)
 - UnitOfMeasurementForVehicleDimensions
 (<http://idi.fundacionctic.org/muo/muo-vocab.html>)
- VehicleHomeLocation
 - AddressHomeLocation
 - GpsHomeLocation
 - **hasHomeLocationLatitude** (double)
 - **hasHomeLocationLongitude** (double)
- VehicleSpecialCondtions
 - OversizedVehicle
 - CanvasVehicle
 - CotrolledTemperatureVehicle
 - **maxControlledTemperature** (double)
 - **minControlledTemeperature** (double)
 - Hydraulic
 - Crane
 - DumpWagon
 - BackDumpWagon
 - LateralDumpWagon
 - SelfChargingContainer
 - Tailgate
 - NonSpecialConditions