

ONE Record Data Model
December 2022

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Mandatory elements

Reference to logistic or common object

(n) multiple elements / arrays

Air core ontology

Common objects

CO2 Emissions

Dangerous Goods

Distribution

Connected Devices

ACI

Live Animals

Supertype —○+ Subtype

Naming convention

Avoid usage of underscore "_"

An object name begins with an upper case

An attribute name begins with a lower case

VolumetricWeight

Vweight_URI

conversionFactor: Value

chargeableWeight: Value

Dimensions

DimsURI

width: Value

length: Value

height: Value

volume: Value

Geolocation

GeolocURI

latitude: double

longitude: double

elevation: Value

geolocationUnit: string

Address

AddressURI

street (n): string

poBox: string

postalCode: string

cityCode: string

cityName: string

regionCode: string

regionName: string

addressCodeType: string

addressCode (n): string

country: Country

Party

PartyURI

partyRole: string

partyDetails: Company

Value

ValueURI

value: string

unit: string

OtherIdentifier

OtherIdURI

otherIdentifierType: string

identifier: string

Person

PersonURI

salutation: string

firstName: string

middleName: string

lastName: string

jobTitle: string

department: string

employeeID: string

contactDetails (n): Contact

documents (n): ExternalReference

Contact

ContactURI

contactType: string

contactValue: string

Country

CountryURI

countryCode: string

countryName: string

Location

LocURI

locationType: string

code: string

name: string

geolocation: Geolocation

address: Address

ExternalReference

External_refURI

documentType: string

documentName: string

documentOriginator: Company

documentID: string

documentVersion: string

documentLink: string

documentChecksum: string

documentLocation: Location

validFrom: dateTime

expiryDate: dateTime

Event

EventURI

eventTypeIndicator *: string

dateTime *: dateTime

eventCode: string

eventName: string

performedBy: Company

location: Location

linkedObject: LogisticObject

performedByPerson: Person

EventUId

EventUIdURI

loadingPosition: string

Company

CompanyURI

iATACargoAgentCode: string

branch: CompanyBranch

companyName: string

Carrier

CompanyURI

carrierName: string

carrierShortName: string

airlineCode: string

airlinePrefix: string

CompanyBranch

CompanyBranchURI

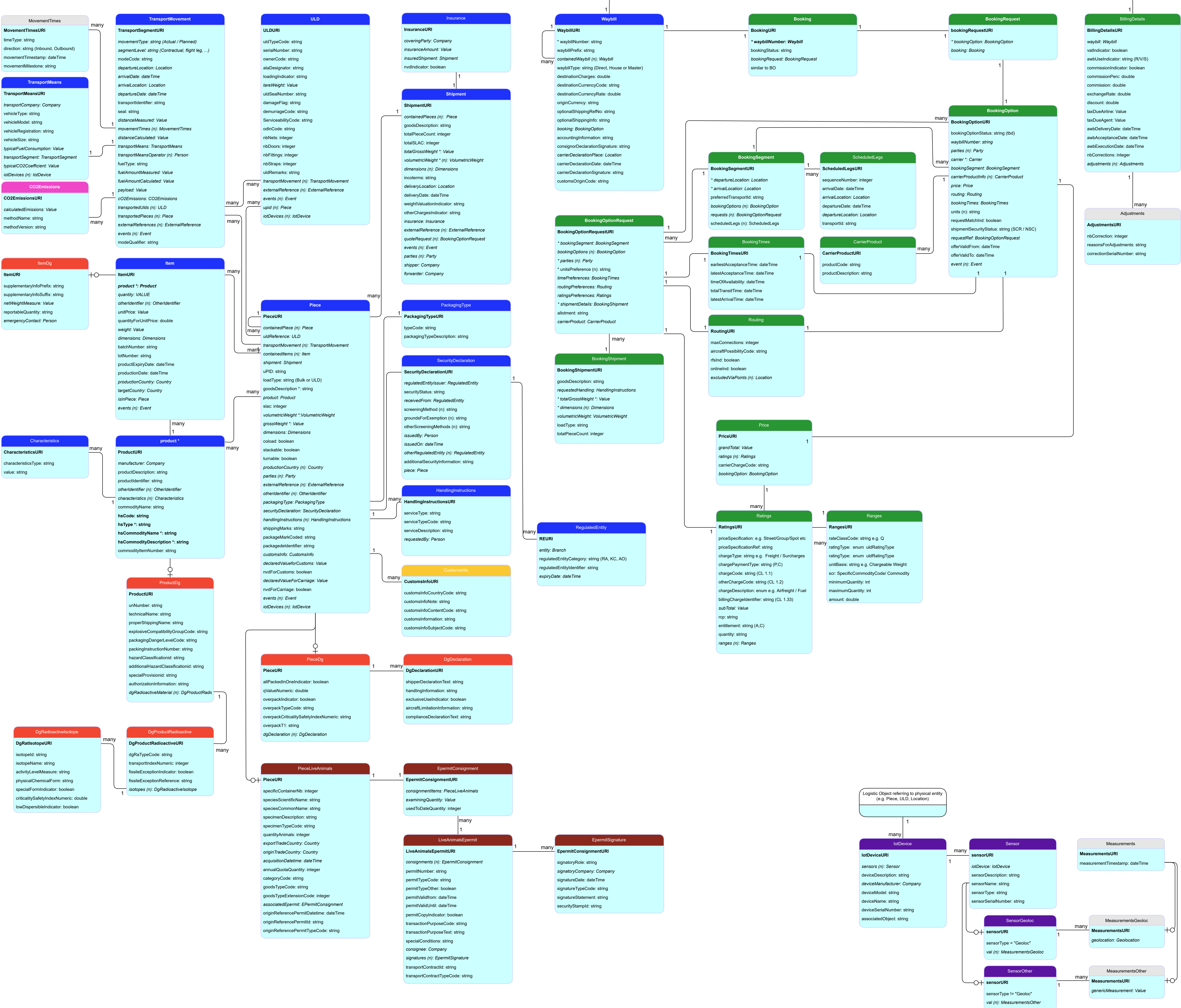
branchName: string

iATACargoAgentLocationIdentifier: string

otherIdentifiers (n): OtherIdentifier

location: Location

contactPersons (n): Person



Logistic Object referring to physical entity
(e.g. Piece, ULD, Location)