@prefix dcat: <http://www.w3.org/ns/dcat#> .

@prefix dct: <http://purl.org/dc/terms/> .

@prefix foaf: <http://xmlns.com/foaf/0.1/> .

@prefix skos: <http://www.w3.org/2004/02/skos/core#> .

@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .

@prefix cpsv: <http://purl.org/vocab/cpsv#> .

@prefix cv: <http://data.europa.eu/m8g/> .

# An example of a Public Organisation:

# "A Public Organisation is the responsible Agent for the delivery of a Public Service.

# This specification uses the class from the Core Public Organization Vocabulary,

# based also on the W3C Organization Ontology"

# All Public Registry Services must be related to a Public Organisation.

<https://joinup.ec.europa.eu/collection/access-base-registries/solution/abr-bregdcat-ap#example-public-organisation>

a cv:PublicOrganisation ;

dct:identifier "ae1d152b-57b7-4e78-bf6f-fbe8ceb0af06" ;

skos:prefLabel "Administración Pública del Gobierno de España"@es ;

dct:spatial <http://publications.europa.eu/resource/authority/country/ESP> ;

dct:title "Administración pública"@es .

# An example of a Public Registry Service:

# "A Registry Service is a public service that creates, maintains

# and/or manages Base Registries or a Registry of Base Registries.

# This service, provided by public administrations, or by other organisations on their behalf,

# stores and provides basic information on authoritative data items such as

# people, companies, vehicles, licences, buildings, locations and roads."

<https://joinup.ec.europa.eu/collection/access-base-registries/solution/abr-bregdcat-ap#example-public-service>

a cpsv:PublicService ;

dct:description "National vehicles registration service provided by the Public Administration"@en ;

dct:description "Servicio nacional de registro de vehículos proporcionado por la Administración Pública"@es ;

dct:identifier "<https://example.com/vehicles-service>" ;

dct:title "Vehicles registration service"@en ;

dct:title "Servicio de registro de vehículos"@es ;

cv:hasCompetentAuthority <https://joinup.ec.europa.eu/collection/access-base-registries/solution/abr-bregdcat-ap#example-public-organisation> .

# An example of a Registry Catalog:

# "A catalogue or repository that lists Datasets or Data Services

# managed and provided by a Base Registry Service.

# The Registry Catalogue is the main output produced by a Register,

# so this specification considers both, DCAT-AP and CPSV-AP to model services and content."

# This example in particular represents a base registry of vehicles that exposes two distinct datasets.

<https://joinup.ec.europa.eu/collection/access-base-registries/solution/abr-bregdcat-ap#example-catalog>

a dcat:Catalog ;

dct:description "This is a literal that contains an extended catalog description"@en ;

dct:identifier "9fc50d4e-d099-4139-b99f-75ccc18265b4" ;

dct:title "Vehicles Register"@en ;

dct:title "Registro de vehículos"@es ;

dct:publisher <https://government.example.com> ;

foaf:homepage <https://example.com/vehicles-register> ;

dct:issued "2019-06-18T10:30:00"^^xsd:dateTime ;

dct:LinguisticSystem <http://id.loc.gov/vocabulary/iso639-1/en> ;

dcat:themeTaxonomy <http://eurovoc.europa.eu/100141> ;

dct:spatial <http://publications.europa.eu/resource/authority/country/ESP> ;

dcat:dataset [

a dcat:Dataset ;

dct:description "Dataset of legal owners of registered vehicles."@en ;

dct:identifier "<https://example.com/vehicles-register/owners>" ;

dct:title "Vehicle owners"@en ;

dcat:theme <http://eurovoc.europa.eu/100154> ;

dcat:distribution [

a dcat:Distribution ;

dct:description "Unstructured owners distribution (PDF)"@en ;

dcat:accessURL <https://example.com/vehicles-register/owners.pdf> ;

dcat:mediaType <https://www.w3.org/ns/iana/media-types/application/pdf#Resource>

] ;

dcat:distribution [

a dcat:Distribution ;

dct:description "Structured owners distribution (JSON)"@en ;

dcat:accessURL <https://example.com/vehicles-register/owners.json> ;

dcat:mediaType <https://www.w3.org/ns/iana/media-types/application/json#Resource>

] ;

dct:spatial <http://publications.europa.eu/resource/authority/country/ESP> ;

dcat:keyword "Vehicle"@en ;

dcat:keyword "Transport"@en ;

dcat:keyword "Vehículo"@es ;

dcat:keyword "Transporte"@es

] ;

dcat:dataset [

a dcat:Dataset ;

dct:description "Dataset of vehicle transactions in the Principality of Asturias."@en ;

dct:identifier "<https://example.com/vehicles-register/transactions>" ;

dct:title "Vehicle transactions (Asturias)"@en ;

dcat:theme <http://eurovoc.europa.eu/100154> ;

dcat:theme <http://eurovoc.europa.eu/100147> ;

dcat:distribution [

a dcat:Distribution ;

dcat:accessURL <https://example.com/vehicles-register/transactions.json> ;

dcat:mediaType <https://www.w3.org/ns/iana/media-types/application/json#Resource>

] ;

dct:spatial <https://sws.geonames.org/3114710/> ;

dct:temporal [

a dct:PeriodOfTime ;

dcat:startDate "2019-01-01T00:00:00"^^xsd:dateTime ;

dcat:endDate "2020-01-01T00:00:00"^^xsd:dateTime

] ;

dcat:keyword "Vehicle"@en ;

dcat:keyword "Transport"@en ;

dcat:keyword "Transaction"@en ;

] .

# An example of an Agent:

# "An entity that is associated with Public Services, Registries and/or Datasets.

# Agents may be either organisations or persons."

<https://government.example.com>

a foaf:Agent ;

foaf:name "Public Administration" ;

dct:identifier "public-admin" ;

skos:inScheme <http://publications.europa.eu/resource/authority/corporate-body> ;

dct:type <http://purl.org/adms/publishertype/NationalAuthority> .

# These assertions are somewhat redundant but are necessary to ensure

# that the BRegDCAT validator at the following URL does not produce error violations:

# https://www.itb.ec.europa.eu/shacl/bregdcat-ap/upload

<https://example.com/vehicles-register>

a foaf:Document .

<http://eurovoc.europa.eu/100141>

a skos:ConceptScheme ;

dct:title "EuroVoc" .

<http://purl.org/adms/publishertype/NationalAuthority>

a skos:Concept ;

skos:prefLabel "National authority" ;

skos:inScheme <http://purl.org/adms/publishertype/1.0> .

<http://purl.org/adms/publishertype/1.0>

a skos:ConceptScheme ;

dct:title "Publisher Type" .

<http://eurovoc.europa.eu/100154>

a skos:Concept ;

skos:prefLabel "Transport" .

<http://eurovoc.europa.eu/100147>

a skos:Concept ;

skos:prefLabel "Trade" .

<http://publications.europa.eu/resource/authority/country/ESP>

a dct:Location ;

skos:inScheme <http://publications.europa.eu/resource/authority/country> .

<https://sws.geonames.org/3114710/>

a dct:Location ;

skos:inScheme <http://sws.geonames.org> .

<https://www.w3.org/ns/iana/media-types/application/pdf#Resource>

a dct:MediaType .

<https://www.w3.org/ns/iana/media-types/application/json#Resource>

a dct:MediaType .